

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054389.D
 Acq On : 18 Mar 2019 13:05
 Operator : JC/SP
 Sample : VN0318WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

Quant Time: Mar 19 05:10:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1199542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1852036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1602024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	687343	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	681891	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
35) Dibromofluoromethane	7.59	113	633801	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
50) Toluene-d8	10.09	98	2264432	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	735066	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	236516	20.804	ug/l	98
3) Chloromethane	2.06	50	218933	19.825	ug/l	100
4) Vinyl Chloride	2.19	62	252672	20.018	ug/l	100
5) Bromomethane	2.57	94	146769	16.789	ug/l	99
6) Chloroethane	2.71	64	153220	20.063	ug/l	100
7) Trichlorofluoromethane	3.02	101	326310	19.445	ug/l	98
8) Diethyl Ether	3.41	74	168257	22.002	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	265776	21.135	ug/l	99
10) Methyl Iodide	3.94	142	322296	19.004	ug/l	100
11) Tert butyl alcohol	4.82	59	76736	87.866	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	260829	20.930	ug/l	99
13) Acrolein	3.61	56	66617	80.499	ug/l	97
14) Allyl chloride	4.32	41	320845	20.066	ug/l	98
15) Acrylonitrile	5.00	53	406191	113.228	ug/l	99
16) Acetone	3.82	43	296203	81.207	ug/l	97
17) Carbon Disulfide	4.04	76	513836	16.448	ug/l	99
18) Methyl Acetate	4.33	43	192062	26.026	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	675784	21.878	ug/l	99
20) Methylene Chloride	4.55	84	259411	21.660	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	247335	20.715	ug/l	99
22) Diisopropyl ether	5.96	45	697063	21.844	ug/l	98
23) Vinyl Acetate	5.90	43	2406598	102.285	ug/l	100
24) 1,1-Dichloroethane	5.85	63	445594	21.747	ug/l	99
25) 2-Butanone	6.85	43	459493	107.331	ug/l	98
26) 2,2-Dichloropropane	6.82	77	304623	16.906	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	294080	22.077	ug/l	97
28) Bromochloromethane	7.19	49	182072	21.736	ug/l	98
29) Tetrahydrofuran	7.22	42	294881	107.129	ug/l	98
30) Chloroform	7.37	83	474650	22.200	ug/l	99
31) Cyclohexane	7.65	56	399042	20.097	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	398301	20.627	ug/l	99
36) 1,1-Dichloropropene	7.79	75	337187	19.770	ug/l	100
37) Ethyl Acetate	6.94	43	203848	20.801	ug/l	99
38) Carbon Tetrachloride	7.77	117	342367	19.142	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	381519	18.181	ug/l	99
40) Benzene	8.04	78	1032644	21.158	ug/l	100
41) Methacrylonitrile	7.17	41	110361	19.723	ug/l	93
42) 1,2-Dichloroethane	8.13	62	349064	21.184	ug/l	100
43) Isopropyl Acetate	8.17	43	331514	19.272	ug/l	98
44) Trichloroethene	8.83	130	312022	20.580	ug/l	96
45) 1,2-Dichloropropane	9.12	63	262429	21.654	ug/l	98
46) Dibromomethane	9.21	93	170771	20.855	ug/l	100
47) Bromodichloromethane	9.40	83	337938	20.586	ug/l	97
48) Methyl methacrylate	9.20	41	181400	20.780	ug/l	98
49) 1,4-Dioxane	9.20	88	43370	351.235	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	974494	107.049	ug/l	99
52) Toluene	10.16	92	652189	21.075	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	294303	17.038	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	364550	19.057	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	247966	21.944	ug/l	98
56) Ethyl methacrylate	10.43	69	285453	21.186	ug/l	95
57) 1,3-Dichloropropane	10.71	76	394502	21.351	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	527795	101.043	ug/l	99
59) 2-Hexanone	10.75	43	593768	98.026	ug/l	98
60) Dibromochloromethane	10.90	129	246195	19.357	ug/l	100
61) 1,2-Dibromoethane	11.01	107	245665	21.394	ug/l	100
64) Tetrachloroethene	10.63	164	307828	19.874	ug/l	99
65) Chlorobenzene	11.43	112	747570	21.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	264725	20.716	ug/l	97
67) Ethyl Benzene	11.51	91	1212118	20.787	ug/l	100
68) m/p-Xylenes	11.62	106	954809	41.895	ug/l	100
69) o-Xylene	11.95	106	479349	21.576	ug/l	97
70) Styrene	11.96	104	719369	20.646	ug/l	99
71) Bromoform	12.13	173	155849	17.598	ug/l #	100
73) Isopropylbenzene	12.25	105	1226767	22.308	ug/l	99
74) N-amyl acetate	12.07	43	257891	21.128	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	280972	23.981	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	315157	31.180	ug/l #	100
77) Bromobenzene	12.53	156	350082	24.058	ug/l	90
78) n-propylbenzene	12.59	91	1294095	21.688	ug/l	100
79) 2-Chlorotoluene	12.67	91	803153	22.386	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	983706	21.506	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42601	14.408	ug/l #	81
82) 4-Chlorotoluene	12.77	91	775786	21.655	ug/l	99
83) tert-Butylbenzene	12.99	119	902057	21.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	994189	22.155	ug/l	99
85) sec-Butylbenzene	13.17	105	1110795	20.344	ug/l	99
86) p-Isopropyltoluene	13.29	119	946903	19.768	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	525853	21.446	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	503715	20.912	ug/l	99
89) n-Butylbenzene	13.61	91	657641	18.069	ug/l	100
90) Hexachloroethane	13.87	117	143584	18.102	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	533875	22.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37089	20.457	ug/l	100

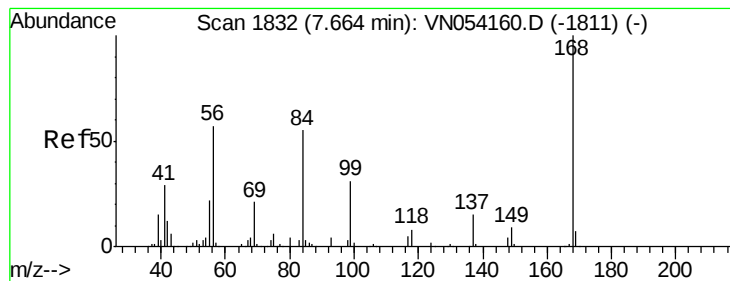
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	222703	17.131	ug/l	100
94) Hexachlorobutadiene	15.01	225	150890	16.526	ug/l	99
95) Naphthalene	15.13	128	509715	19.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	232618	18.264	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

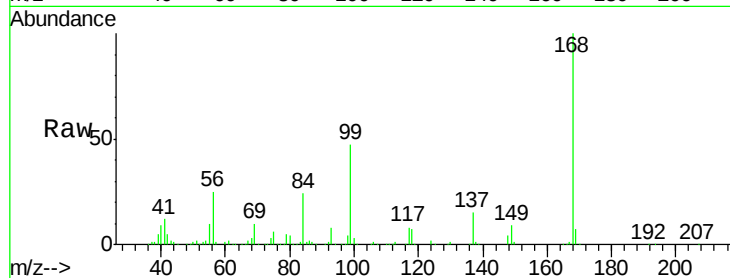
VN0318WBS01

Tot Ion:168 Resp: 1199542

Ion Ratio Lower Upper

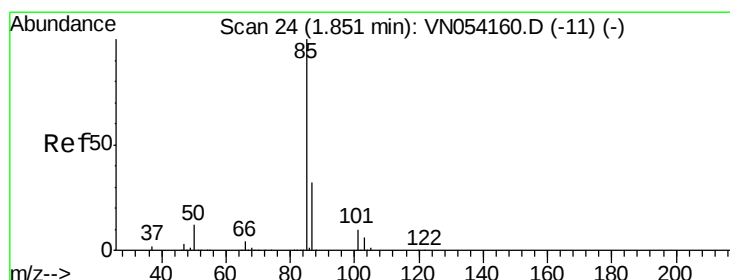
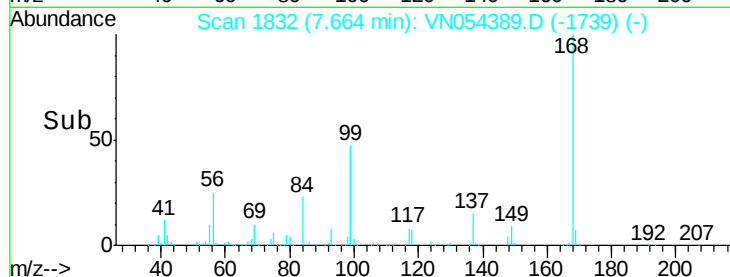
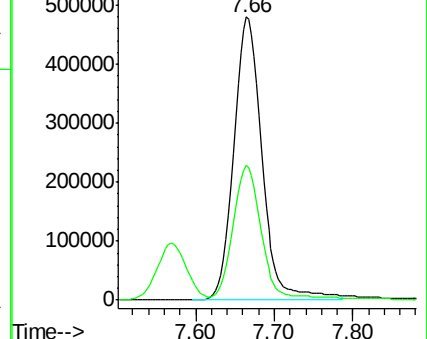
168 100

99 46.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.804 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054389.D

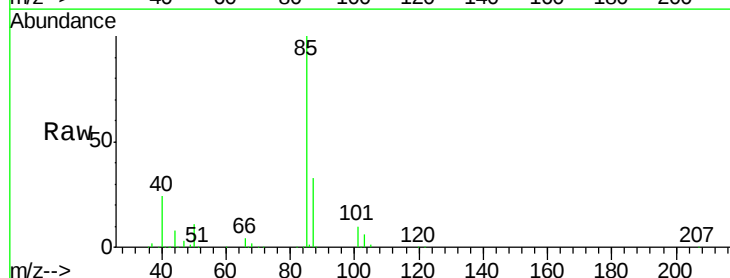
Acq: 18 Mar 2019 13:05

Tgt Ion: 85 Resp: 236516

Ion Ratio Lower Upper

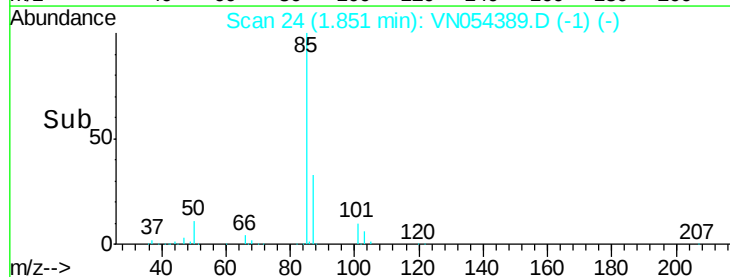
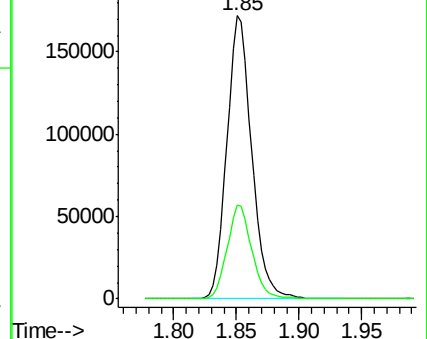
85 100

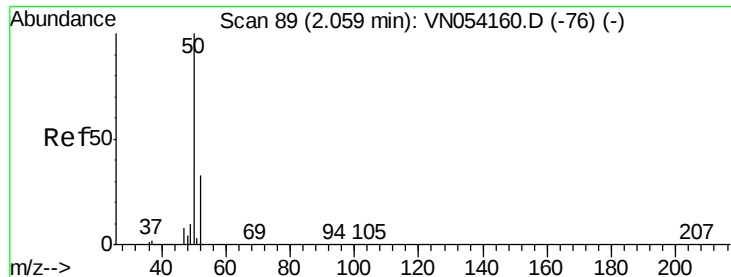
87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.825 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

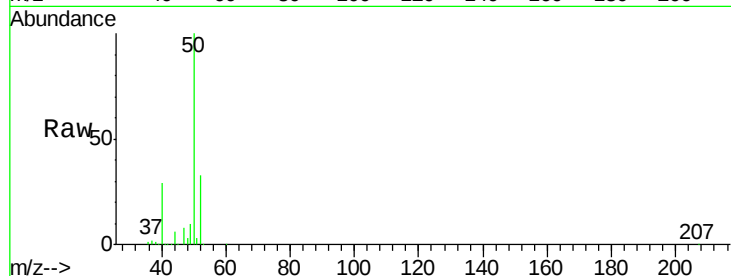
VN0318WBS01

Tot Ion: 50 Resp: 218933

Ion Ratio Lower Upper

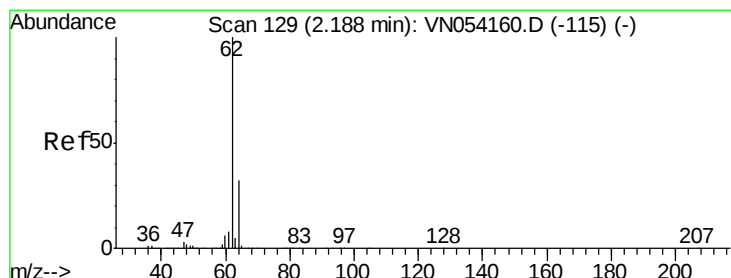
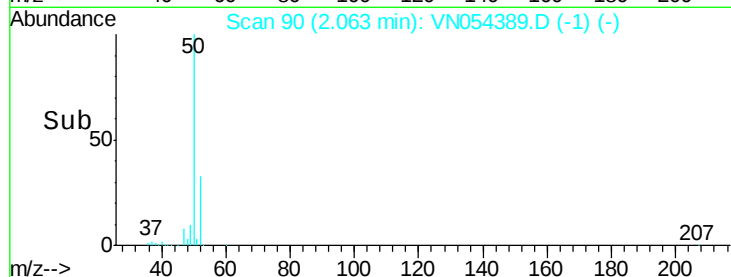
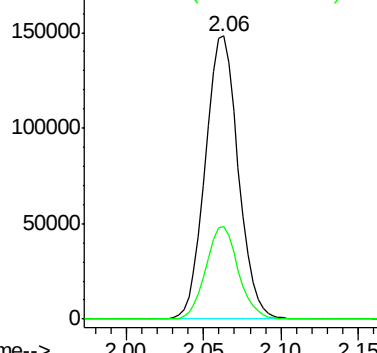
50 100

52 32.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.018 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054389.D

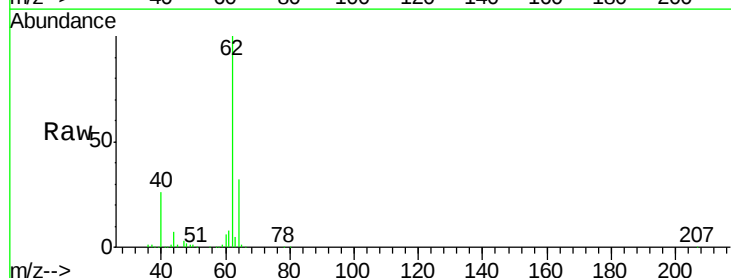
Acq: 18 Mar 2019 13:05

Tgt Ion: 62 Resp: 252672

Ion Ratio Lower Upper

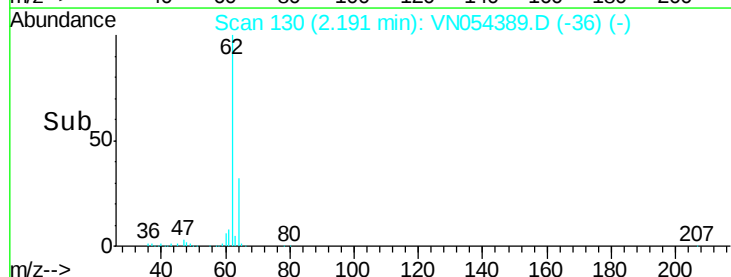
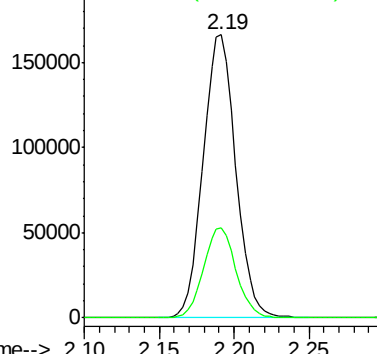
62 100

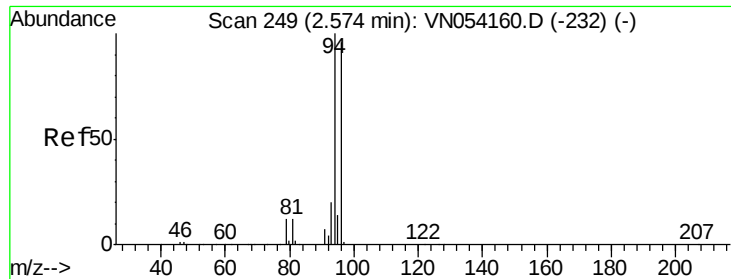
64 32.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.789 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

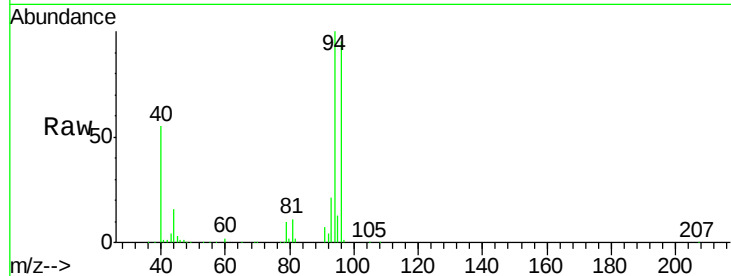
VN0318WBS01

Tot Ion: 94 Resp: 146769

Ion Ratio Lower Upper

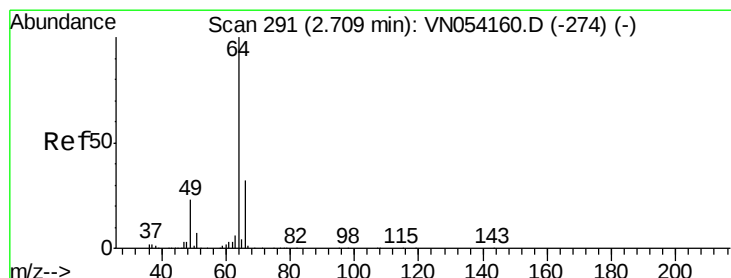
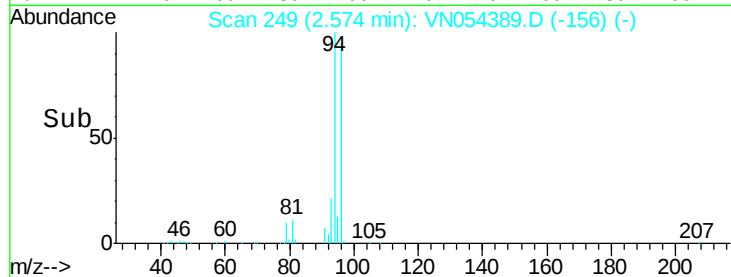
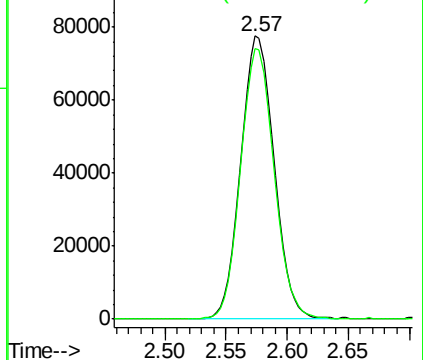
94 100

96 95.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.063 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054389.D

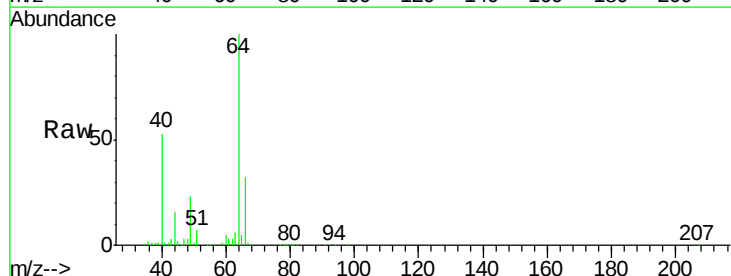
Acq: 18 Mar 2019 13:05

Tgt Ion: 64 Resp: 153220

Ion Ratio Lower Upper

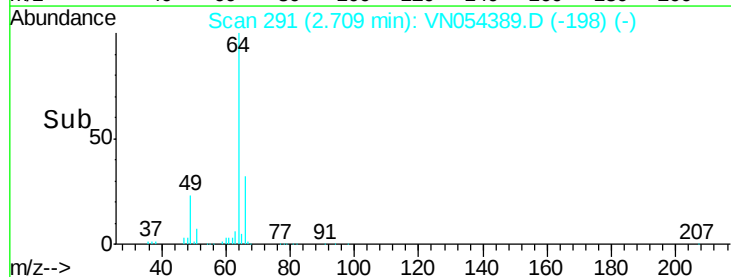
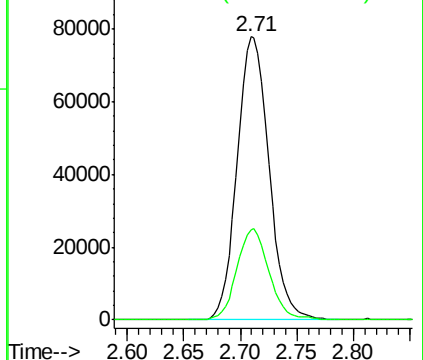
64 100

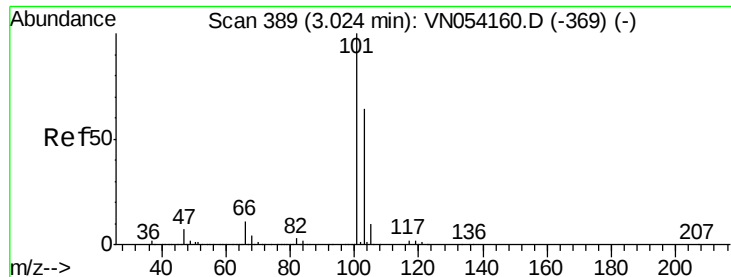
66 32.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



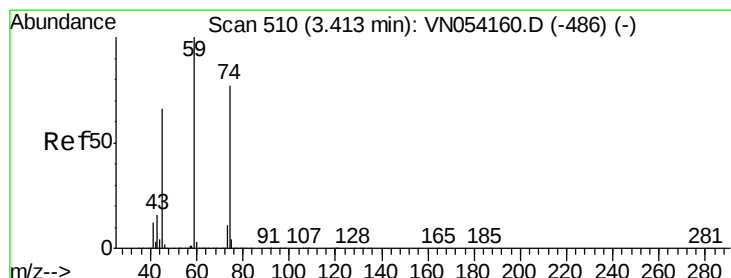
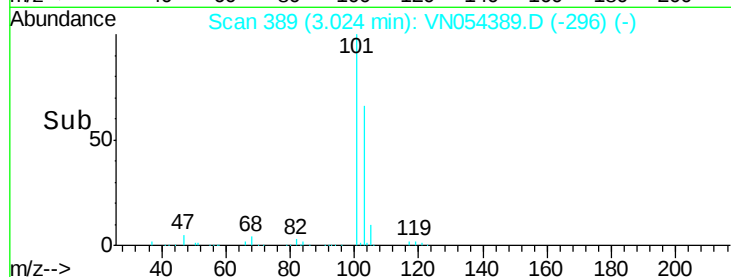
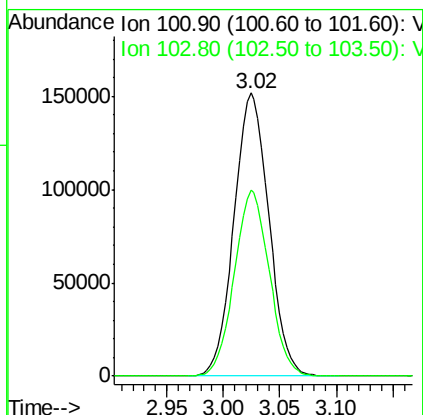
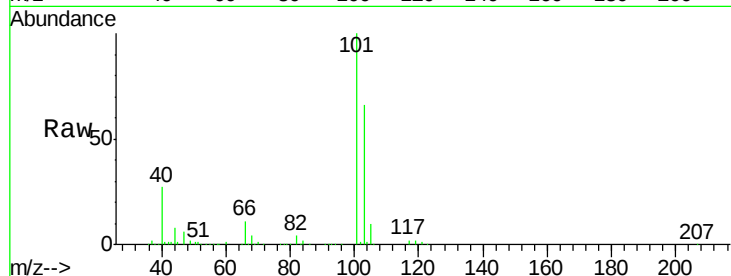


#7

Trichlorofluoromethane
 Concen: 19.445 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Instrument :
 MSVOA_N
 ClientSampled :
 VN0318WBS01

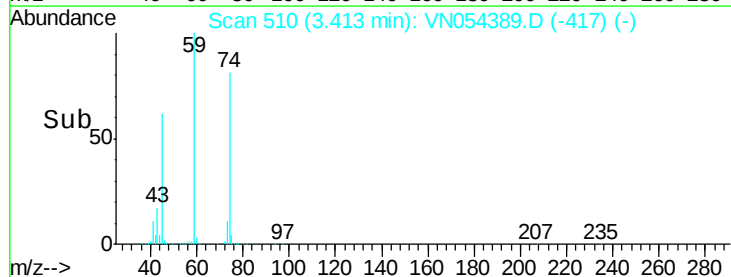
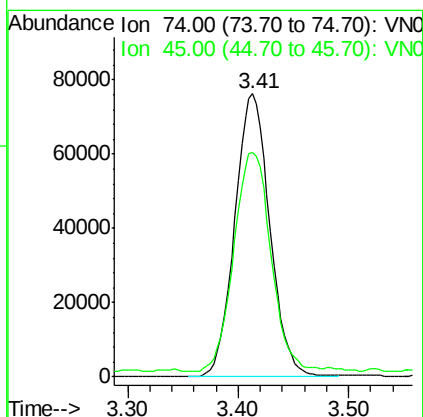
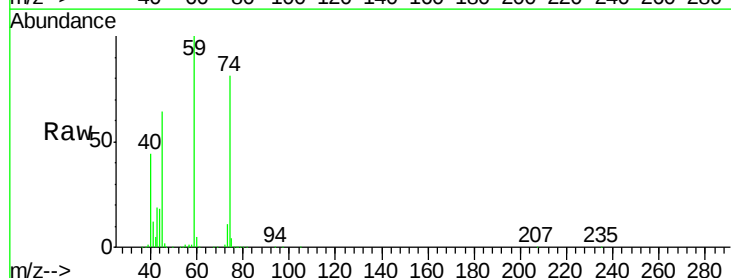
Tot Ion:101 Resp: 326310
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2

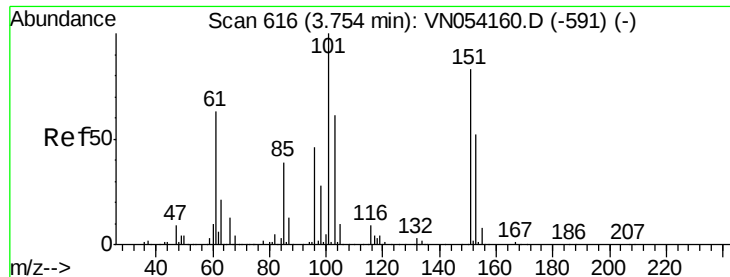


#8

Diethyl Ether
 Concen: 22.002 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion: 74 Resp: 168257
 Ion Ratio Lower Upper
 74 100
 45 81.2 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.135 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

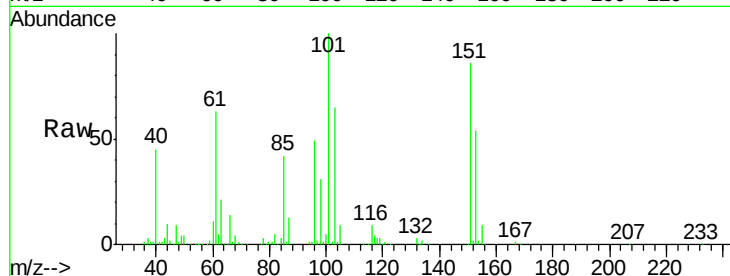
Tot Ion:101 Resp: 265776

Ion Ratio Lower Upper

101 100

85 39.9 32.4 48.6

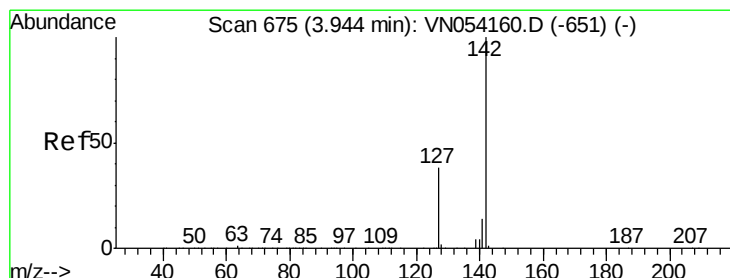
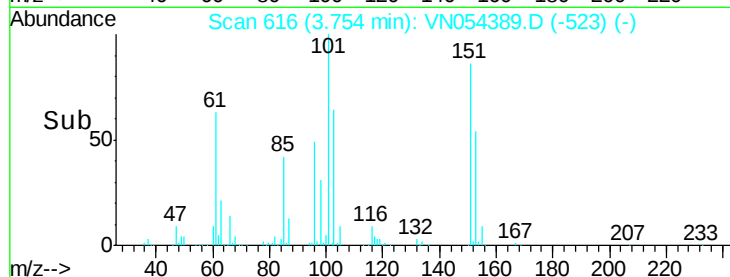
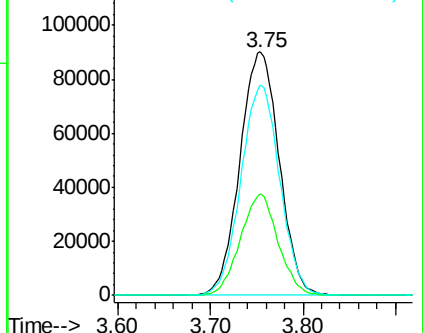
151 85.5 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.004 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

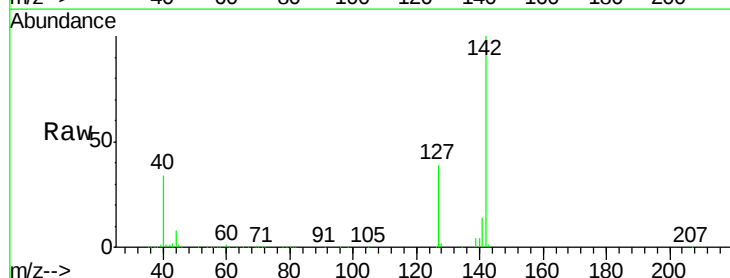
Tgt Ion:142 Resp: 322296

Ion Ratio Lower Upper

142 100

127 37.8 30.3 45.5

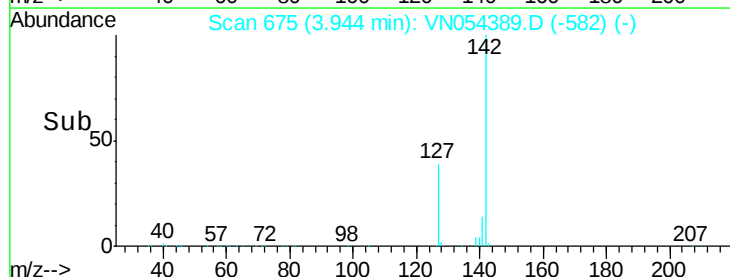
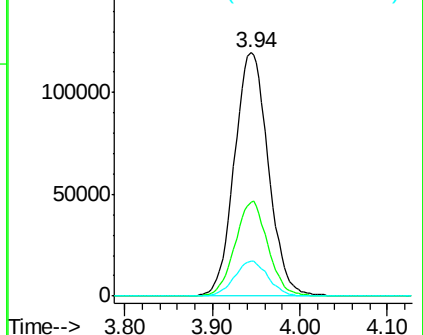
141 14.3 11.2 16.8

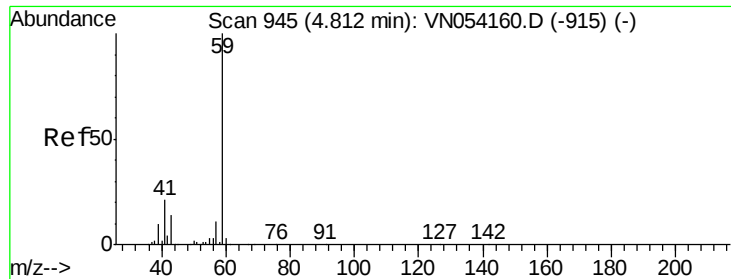


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



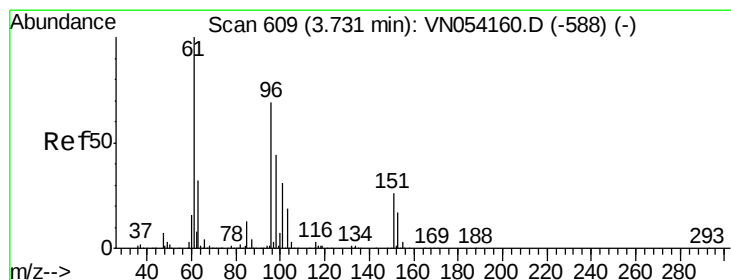
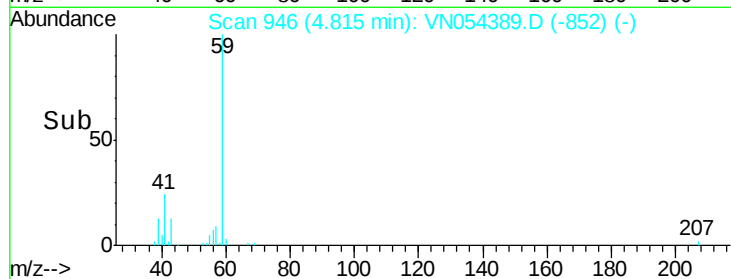
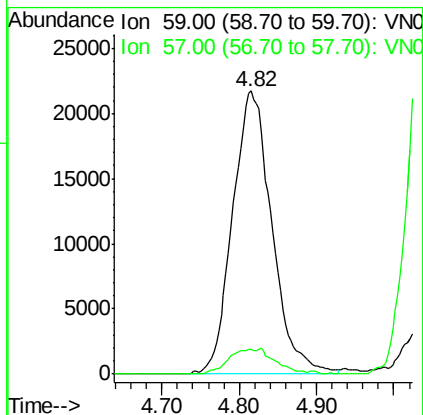
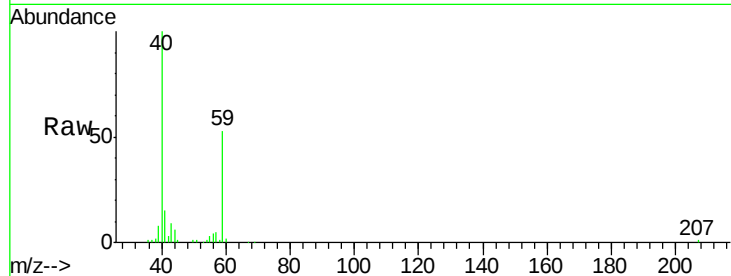


#11

Tert butyl alcohol
 Concen: 87.866 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

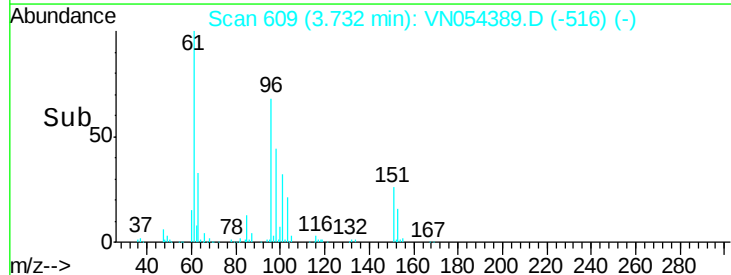
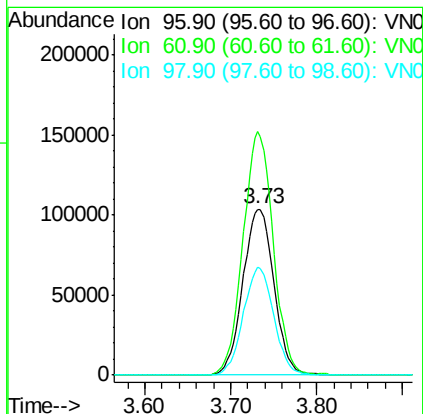
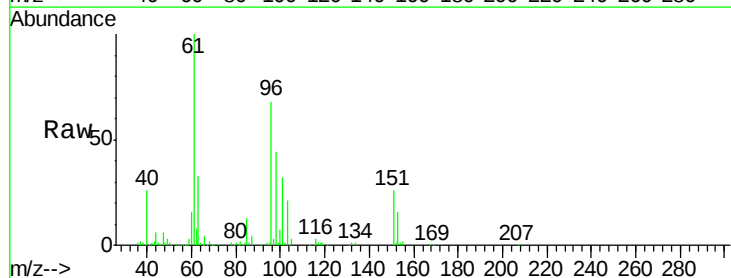
Tot Ion: 59 Resp: 76736
 Ion Ratio Lower Upper
 59 100
 57 6.1 9.0 13.6#

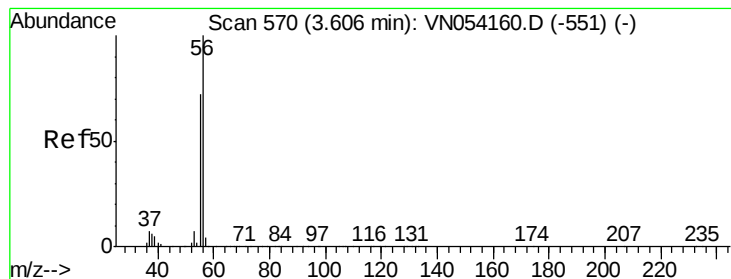


#12

1,1-Dichloroethene
 Concen: 20.930 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion: 96 Resp: 260829
 Ion Ratio Lower Upper
 96 100
 61 146.5 116.5 174.7
 98 64.7 51.0 76.4





#13

Acrolein

Concen: 80.499 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

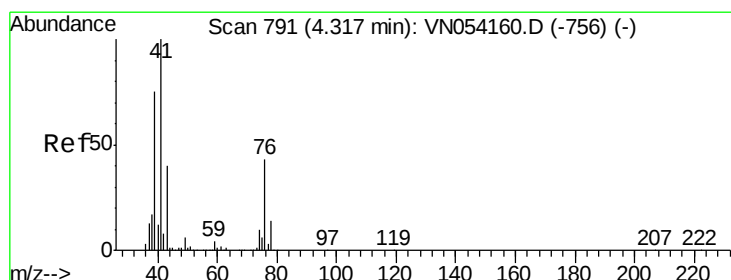
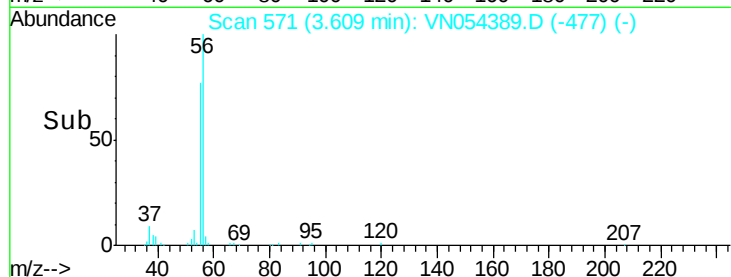
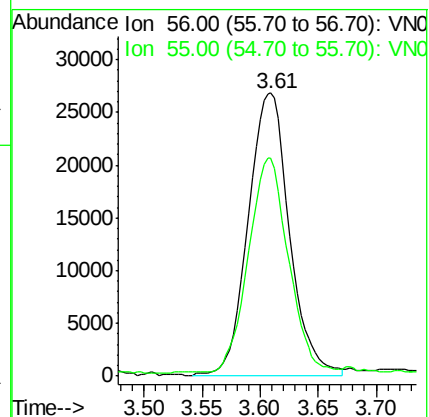
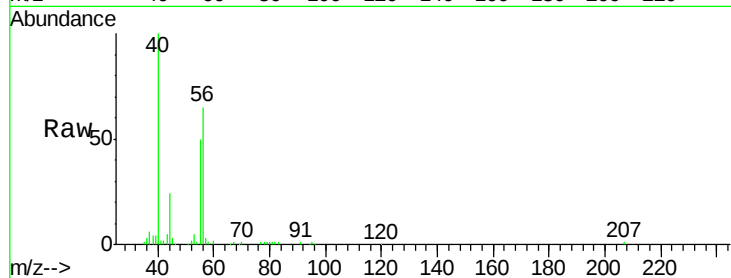
VN0318WBS01

Tot Ion: 56 Resp: 66617

Ion Ratio Lower Upper

56 100

55 73.1 56.7 85.1



#14

Allyl chloride

Concen: 20.066 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

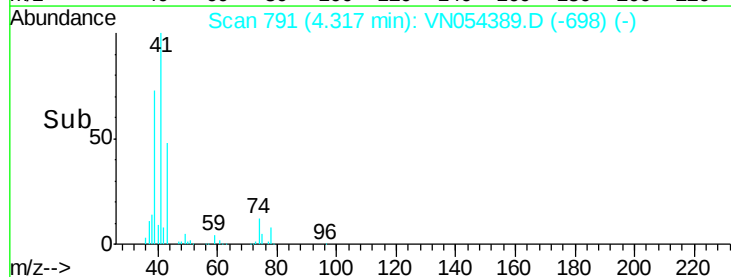
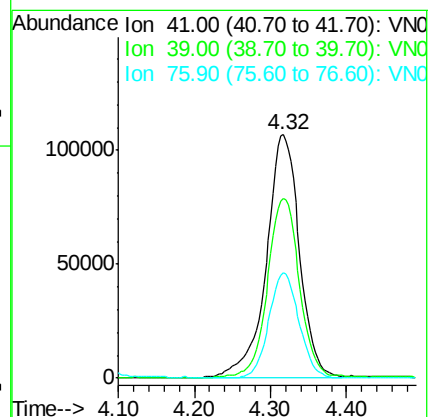
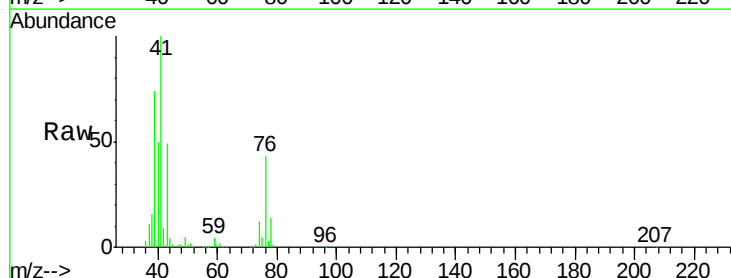
Tgt Ion: 41 Resp: 320845

Ion Ratio Lower Upper

41 100

39 70.9 58.2 87.4

76 39.0 31.7 47.5





#15

Acrylonitrile

Concen: 113.228 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

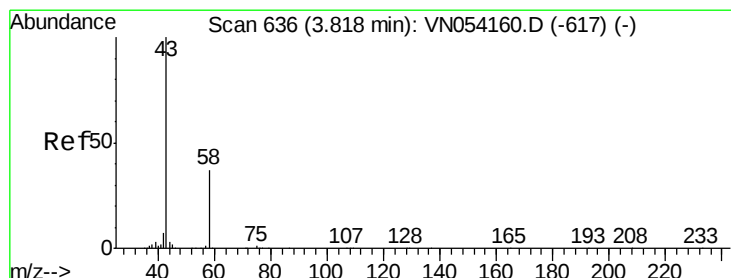
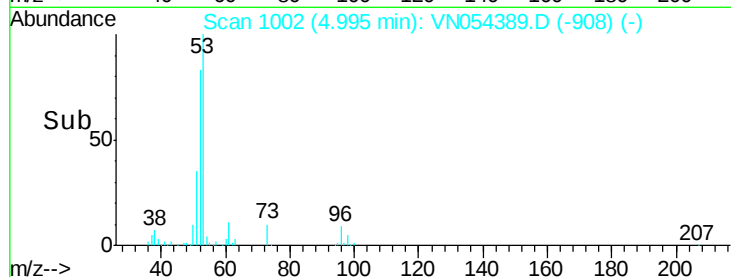
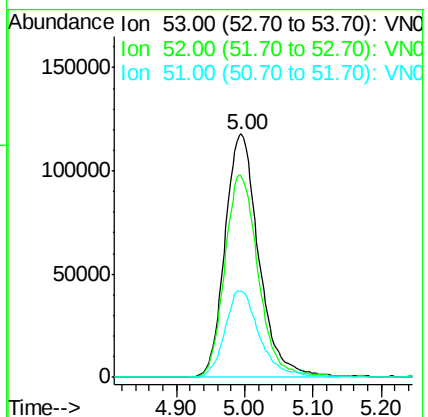
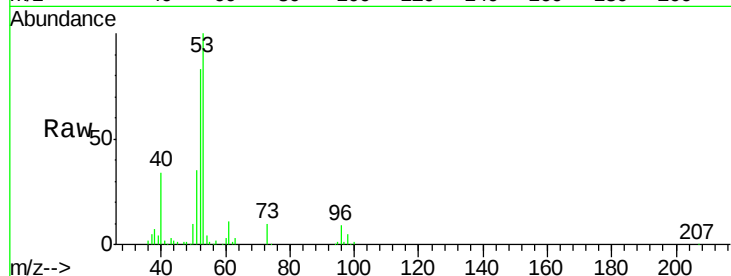
Tot Ion: 53 Resp: 406191

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

51 36.3 29.6 44.4



#16

Acetone

Concen: 81.207 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054389.D

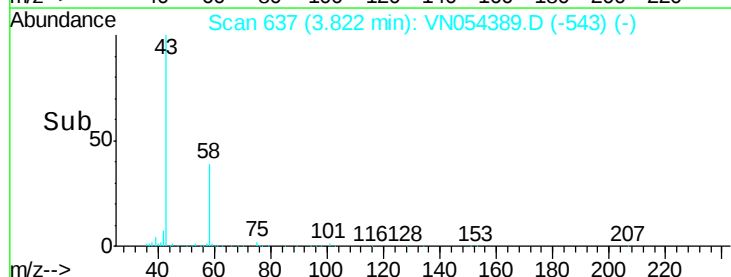
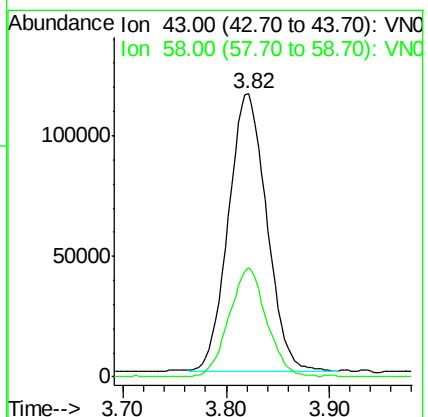
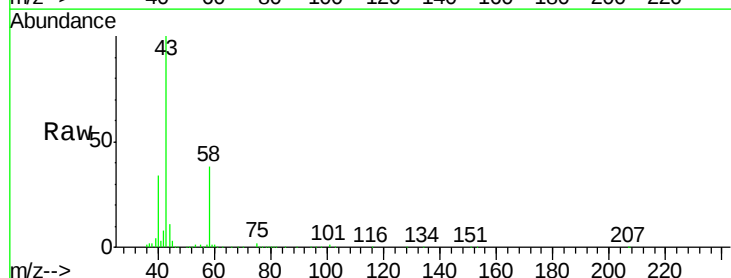
Acq: 18 Mar 2019 13:05

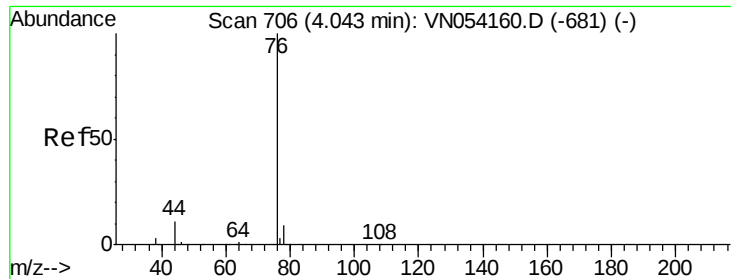
Tgt Ion: 43 Resp: 296203

Ion Ratio Lower Upper

43 100

58 39.1 29.9 44.9

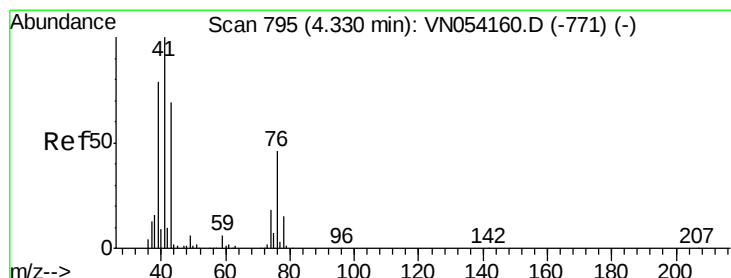
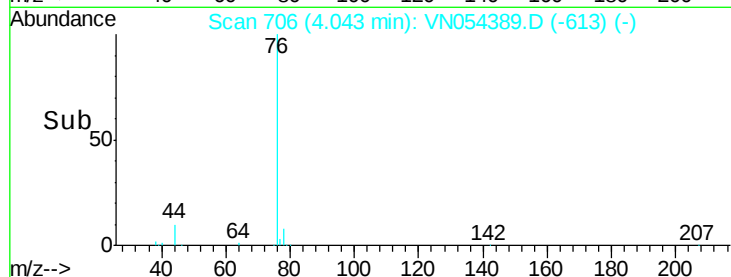
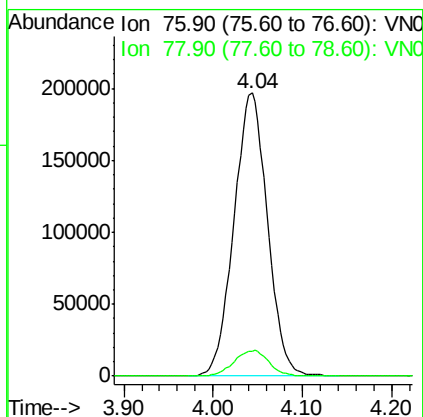
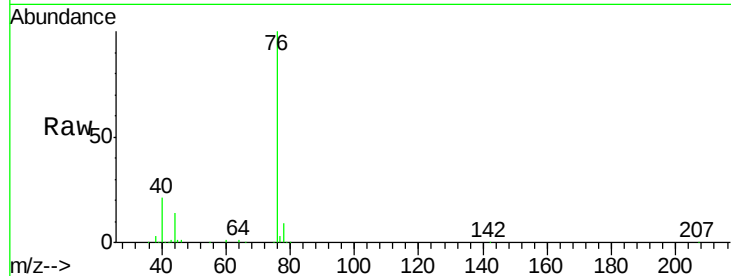




#17
Carbon Disulfide
Concen: 16.448 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

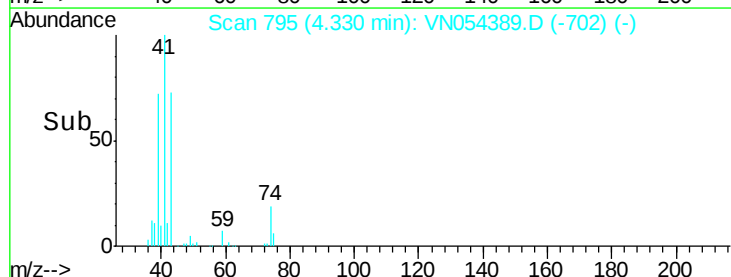
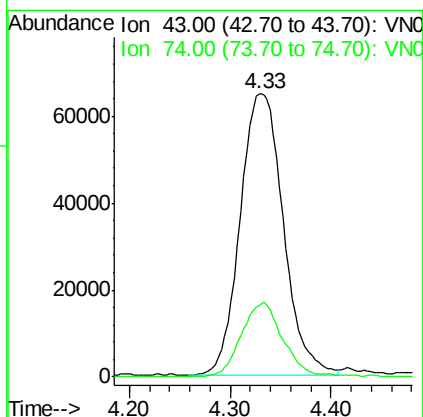
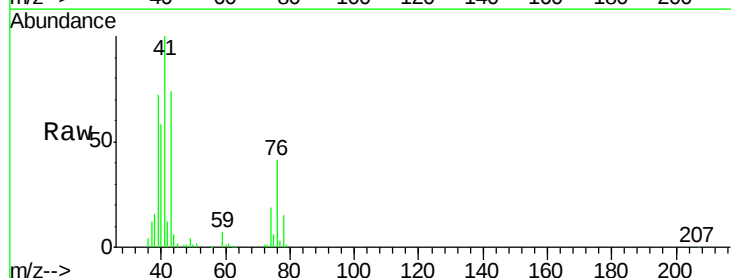
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

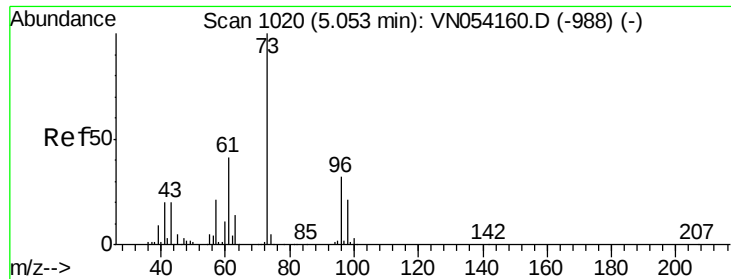
Tot Ion: 76 Resp: 513836
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 26.026 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 43 Resp: 192062
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2

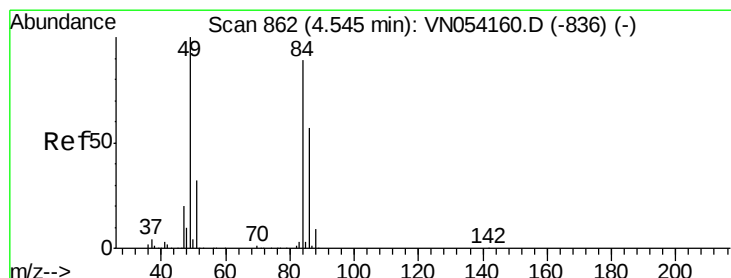
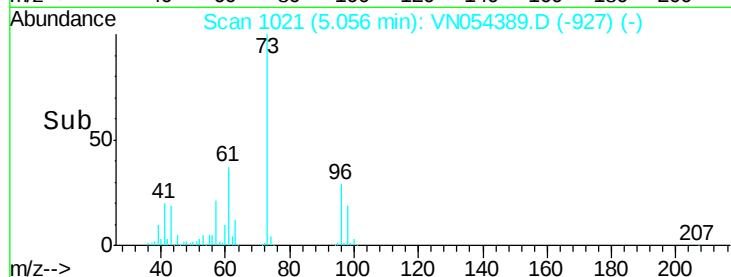
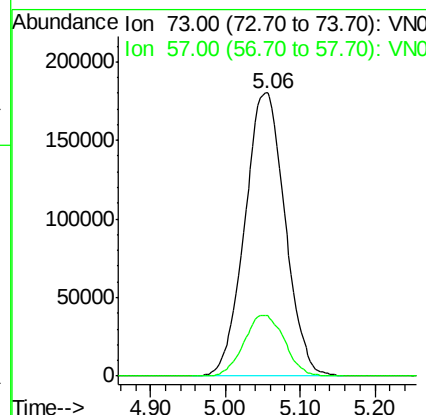
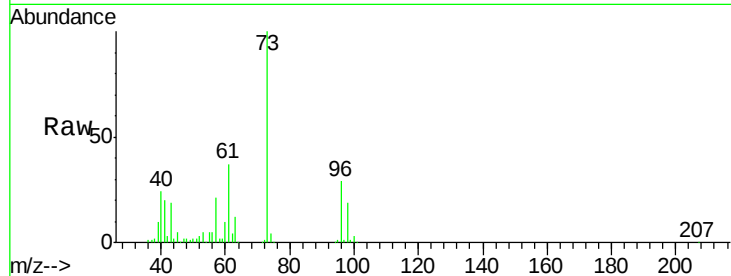




#19
Methvl tert-butvl Ether
Concen: 21.878 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

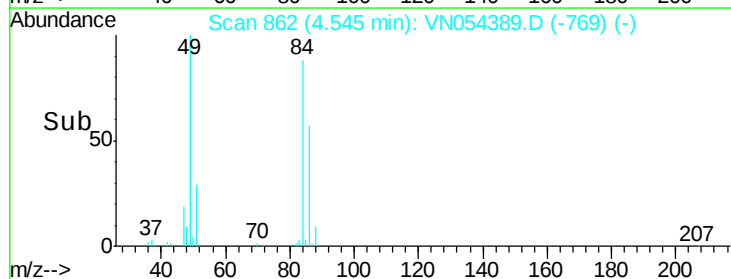
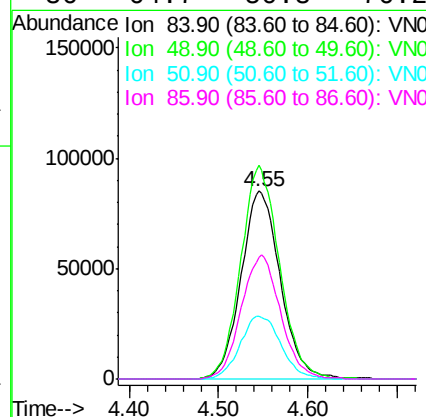
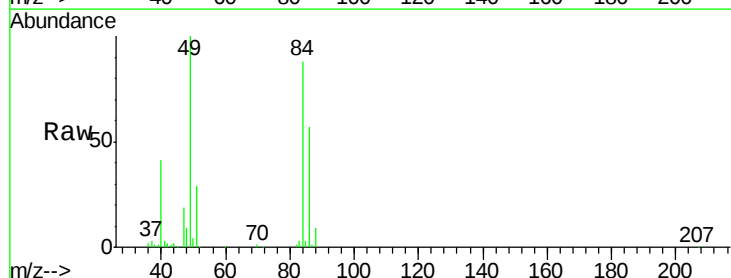
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

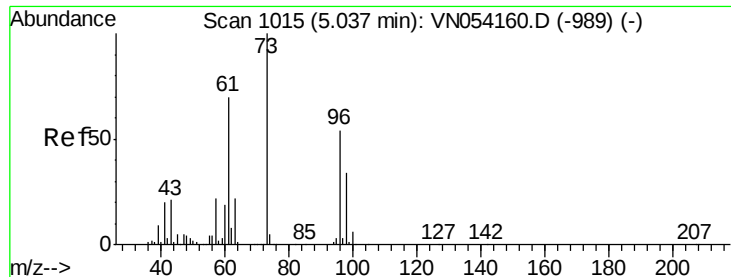
Tot Ion: 73 Resp: 675784
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



#20
Methylene Chloride
Concen: 21.660 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 84 Resp: 259411
Ion Ratio Lower Upper
84 100
49 113.7 89.7 134.5
51 33.5 28.2 42.4
86 64.7 50.8 76.2

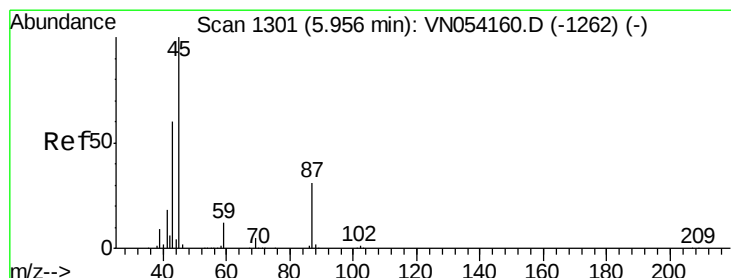
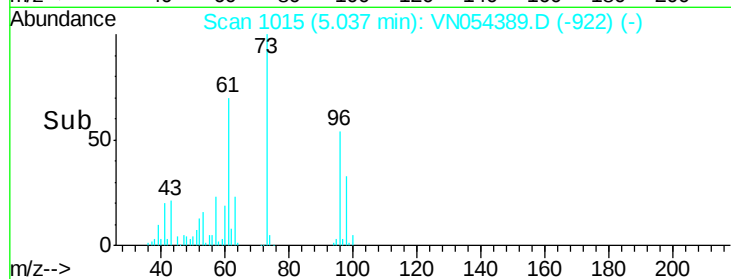
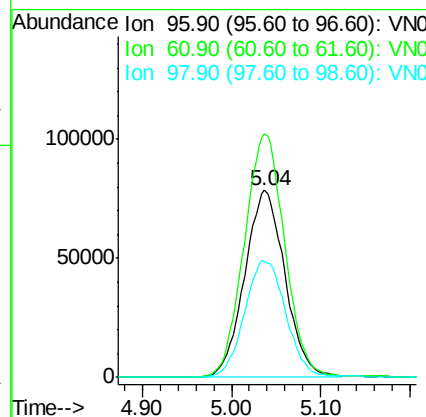
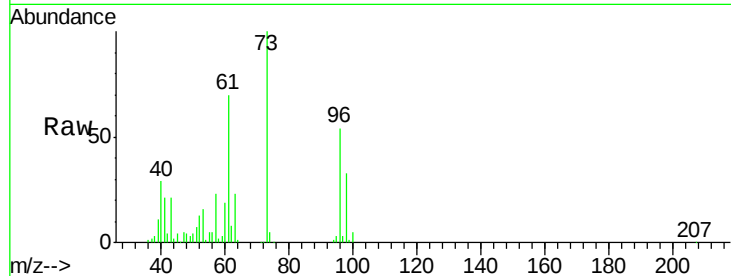




#21
trans-1,2-Dichloroethene
Concen: 20.715 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

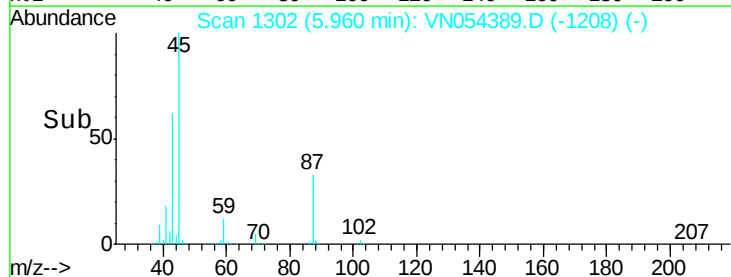
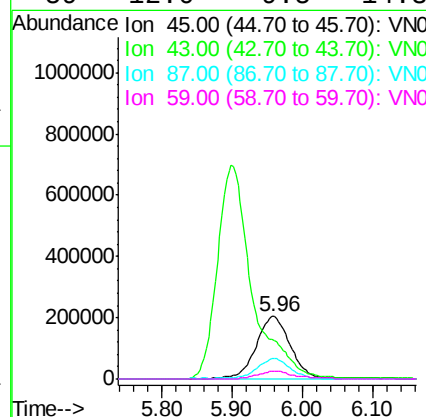
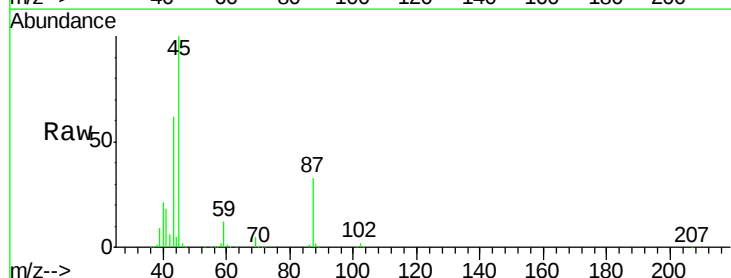
Instrument :
MSVOA_N
ClientSampled :
VN0318WBS01

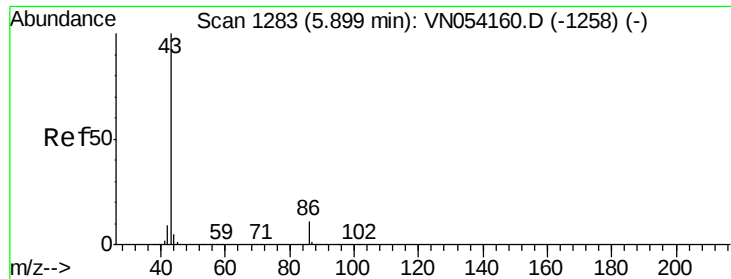
Tot Ion: 96 Resp: 247335
Ion Ratio Lower Upper
96 100
61 130.4 102.8 154.2
98 62.0 50.0 75.0



#22
Diisopropyl ether
Concen: 21.844 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 45 Resp: 697063
Ion Ratio Lower Upper
45 100
43 59.2 48.2 72.2
87 32.3 24.9 37.3
59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 102.285 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

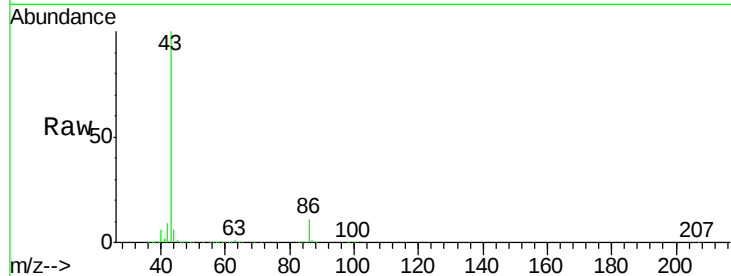
VN0318WBS01

Tot Ion: 43 Resp: 2406598

Ion Ratio Lower Upper

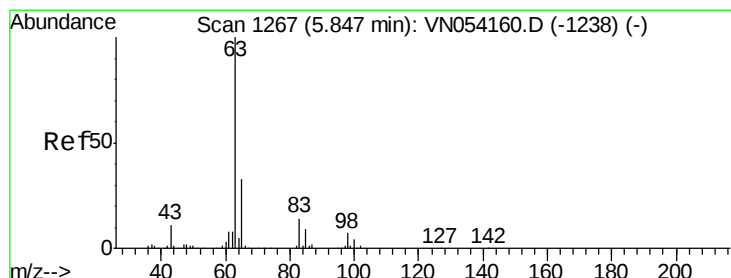
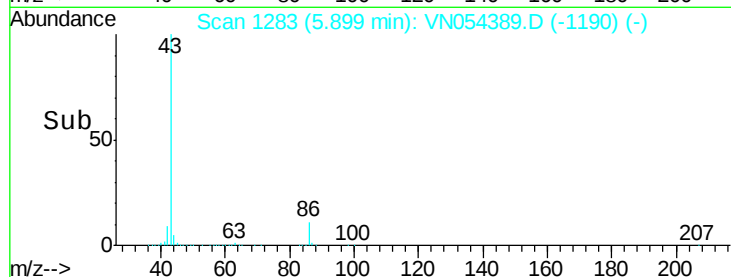
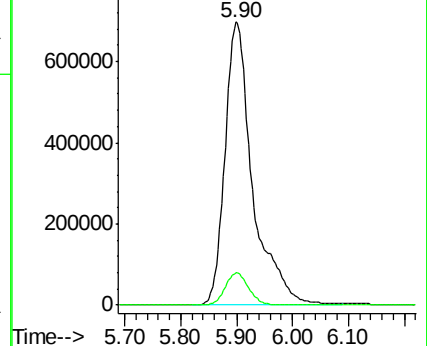
43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.747 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

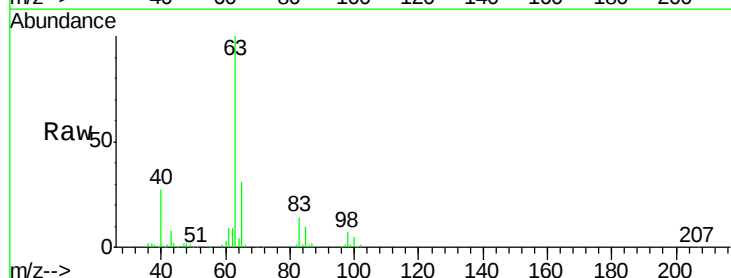
Tgt Ion: 63 Resp: 445594

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

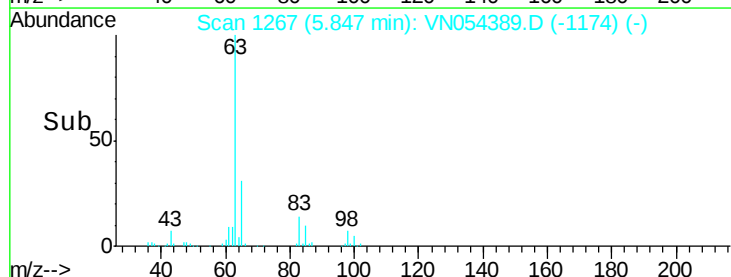
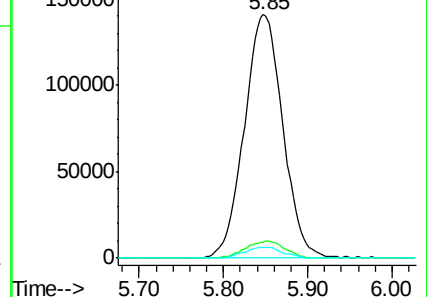
100 4.6 2.0 6.0

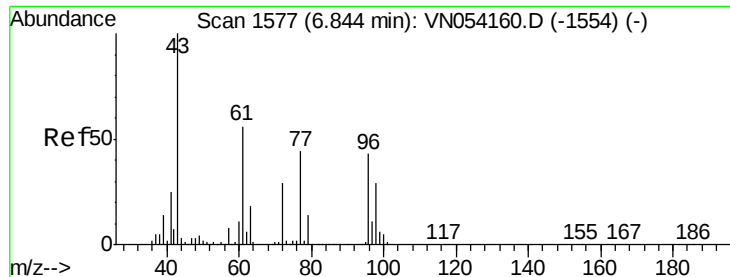


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 107.331 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

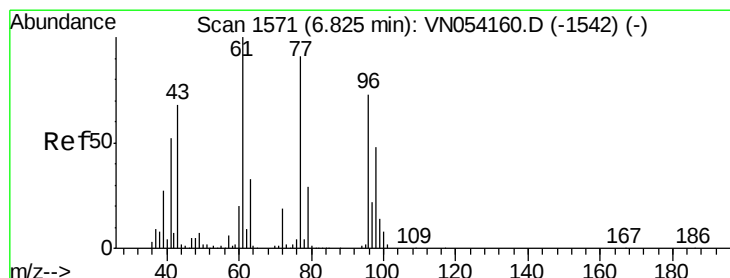
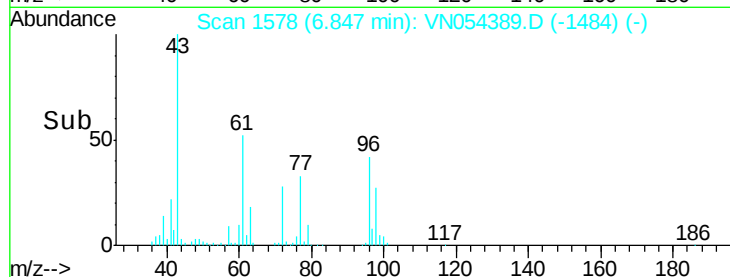
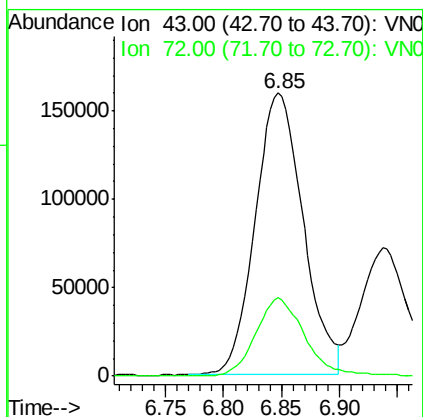
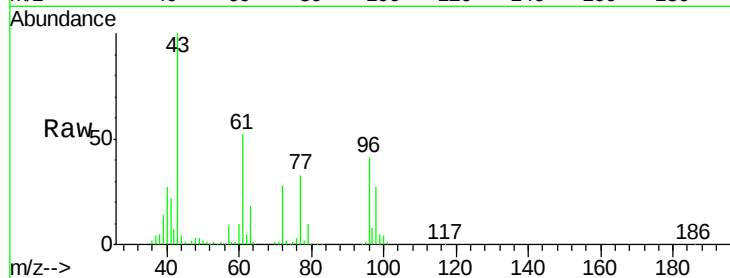
VN0318WBS01

Tot Ion: 43 Resp: 459493

Ion Ratio Lower Upper

43 100

72 27.9 23.0 34.6



#26

2,2-Dichloropropane

Concen: 16.906 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054389.D

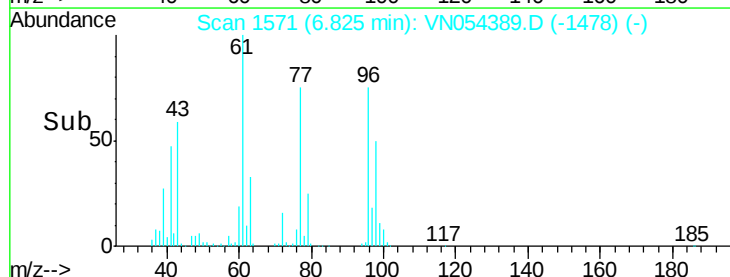
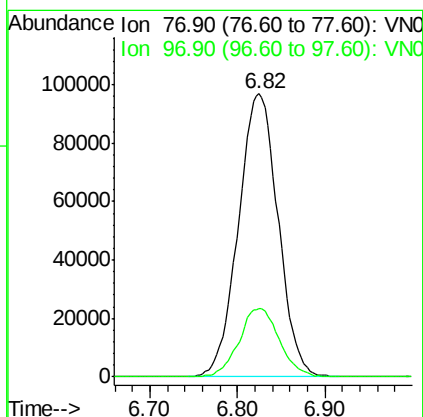
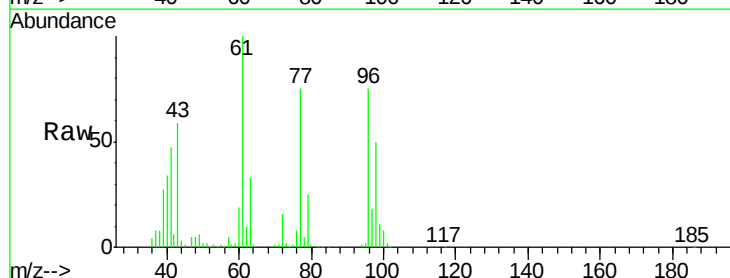
Acq: 18 Mar 2019 13:05

Tgt Ion: 77 Resp: 304623

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 22.077 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

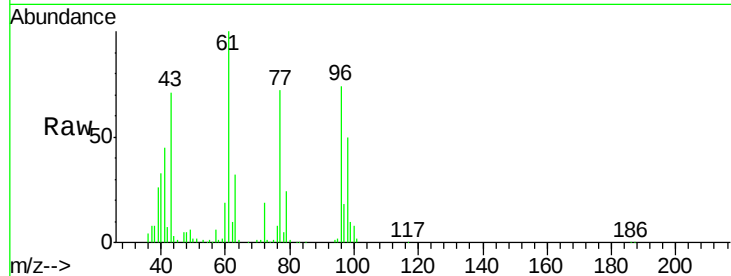
Tot Ion: 96 Resp: 294080

Ion Ratio Lower Upper

96 100

61 131.3 0.0 273.0

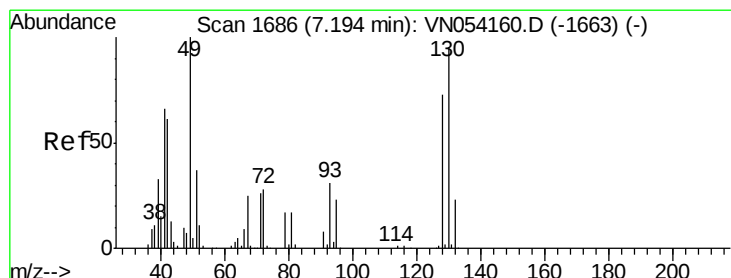
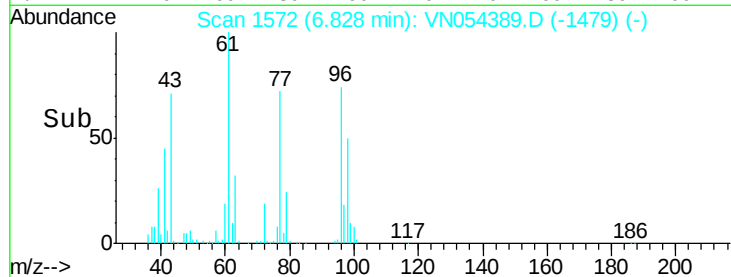
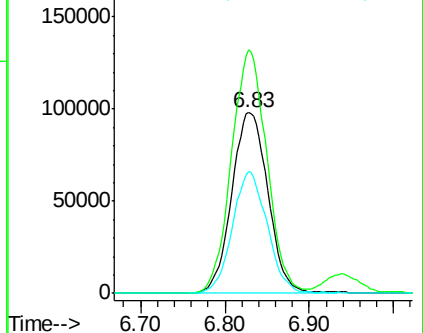
98 64.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.736 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

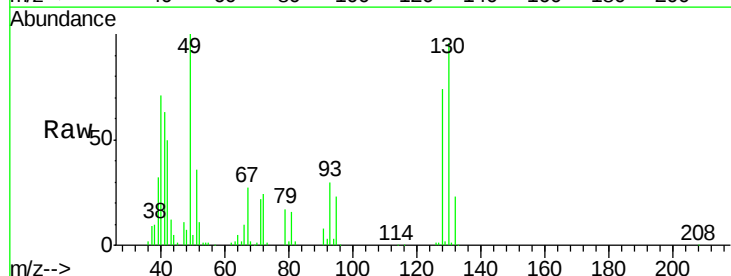
Tgt Ion: 49 Resp: 182072

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

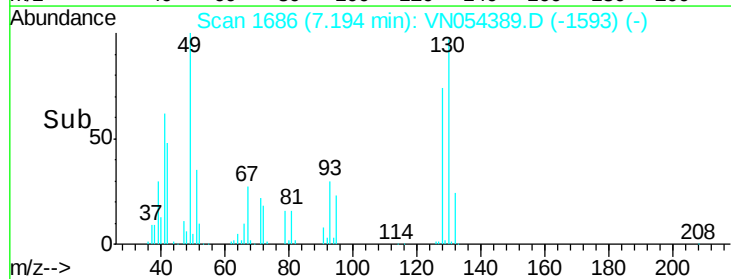
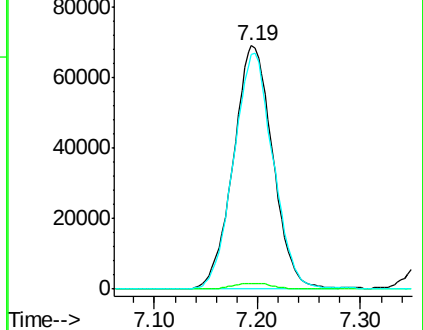
130 97.9 76.7 115.1

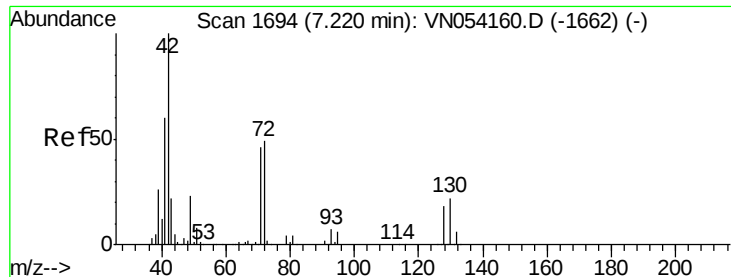


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

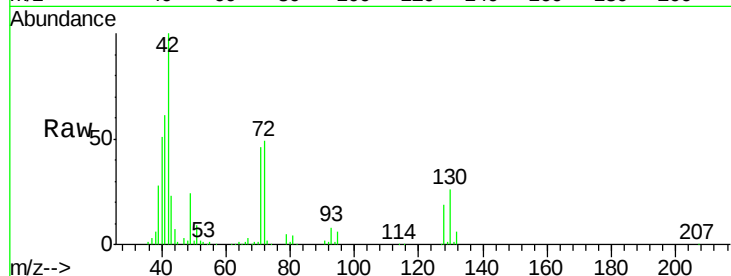




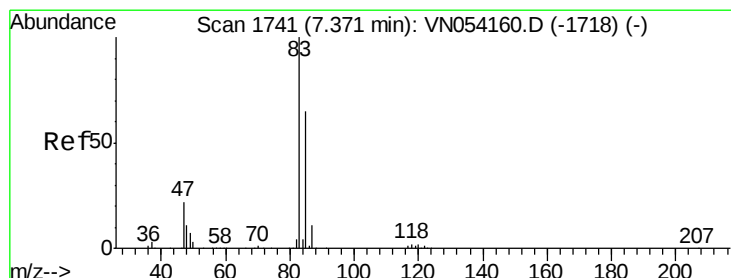
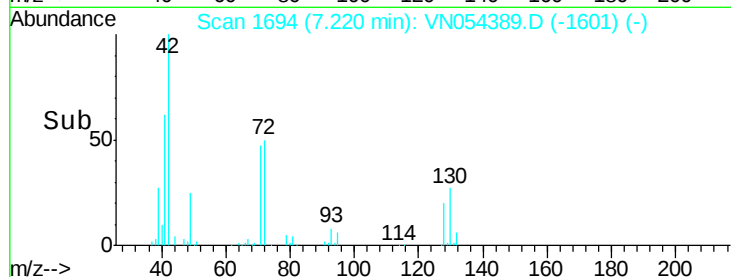
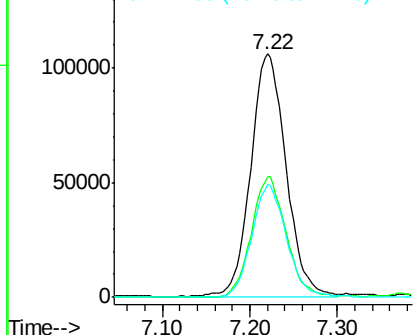
#29
Tetrahydrofuran
Concen: 107.129 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Instrument :
MSVOA_N
ClientSampled :
VN0318WBS01

Tot Ion: 42 Resp: 294881
Ion Ratio Lower Upper
42 100
72 48.7 37.8 56.6
71 46.3 36.2 54.2

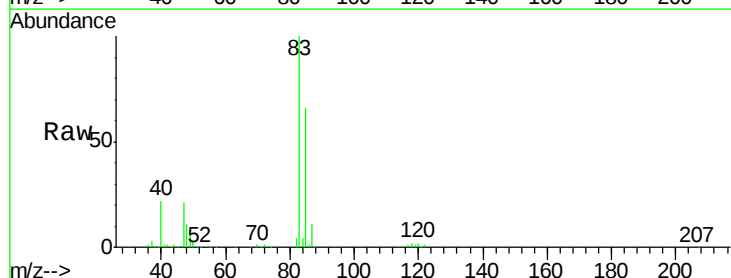


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

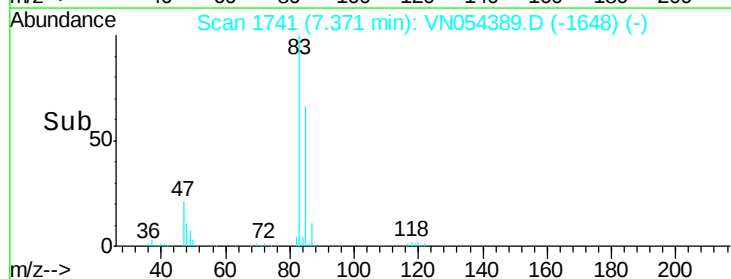
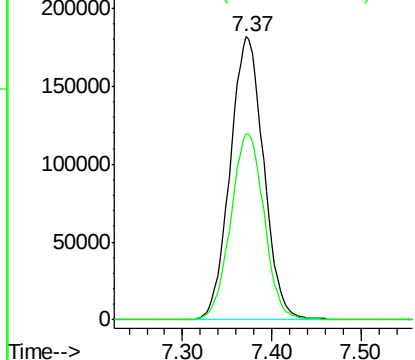


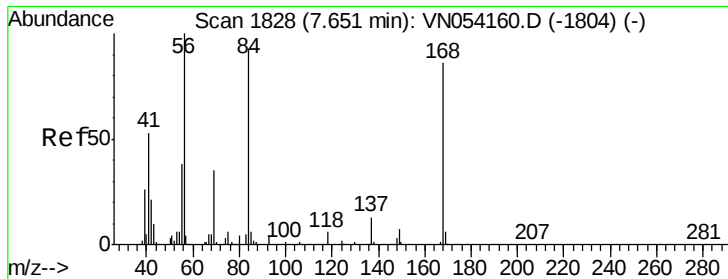
#30
Chloroform
Concen: 22.200 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 83 Resp: 474650
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.097 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

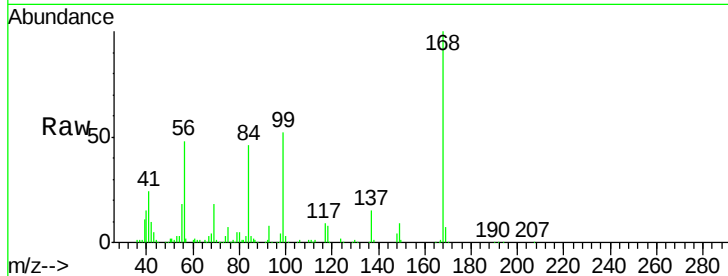
Tot Ion: 56 Resp: 399042

Ion Ratio Lower Upper

56 100

69 36.4 27.8 41.6

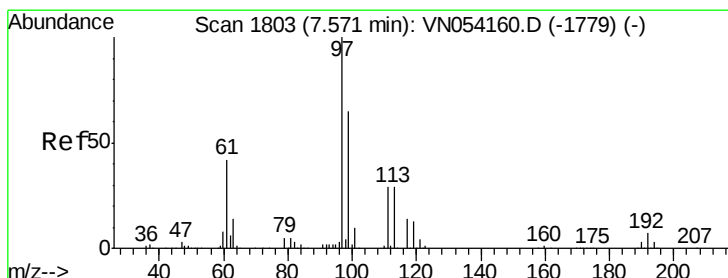
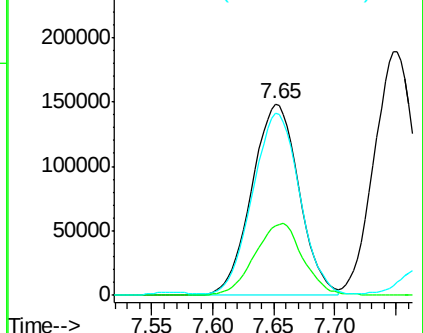
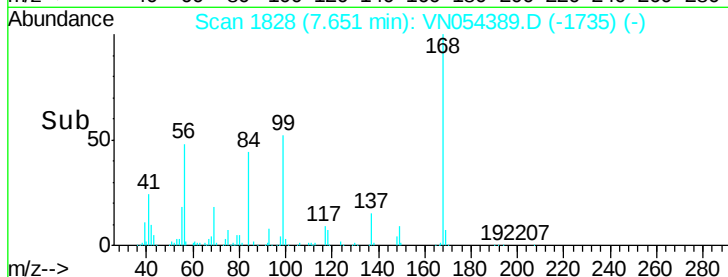
84 94.0 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.627 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

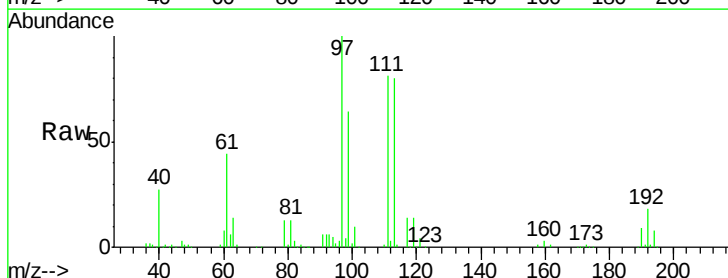
Tgt Ion: 97 Resp: 398301

Ion Ratio Lower Upper

97 100

99 65.5 51.5 77.3

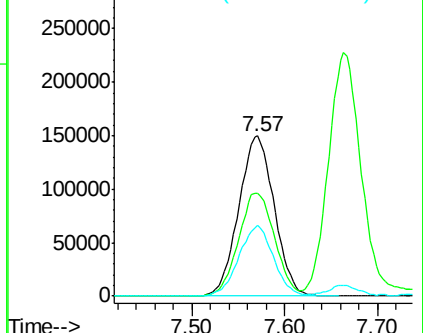
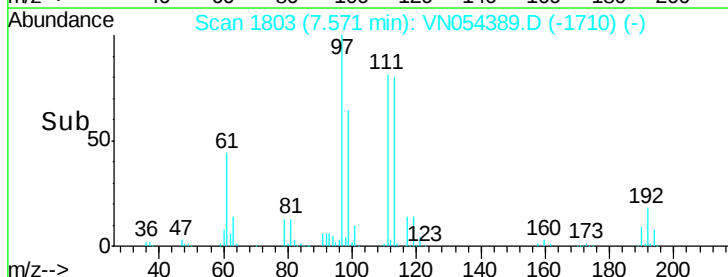
61 42.7 33.6 50.4

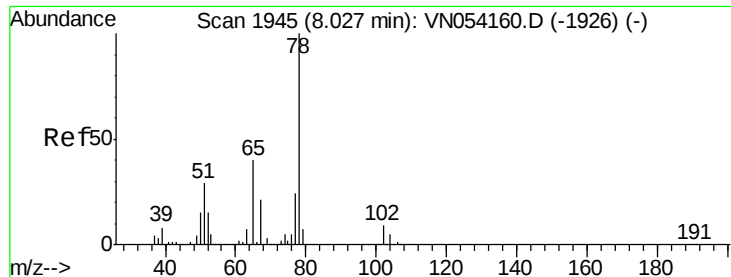


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.527 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

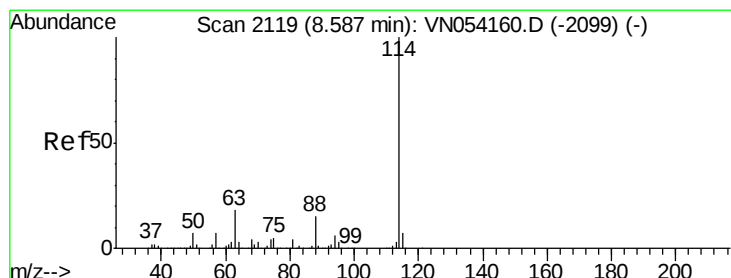
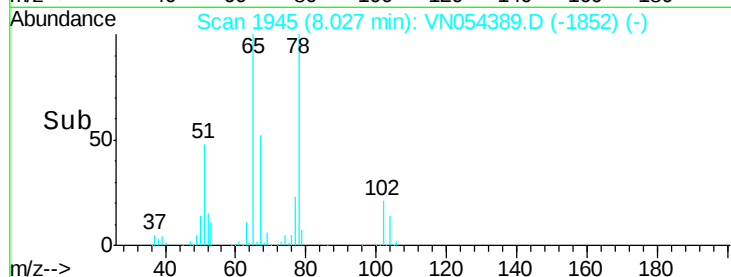
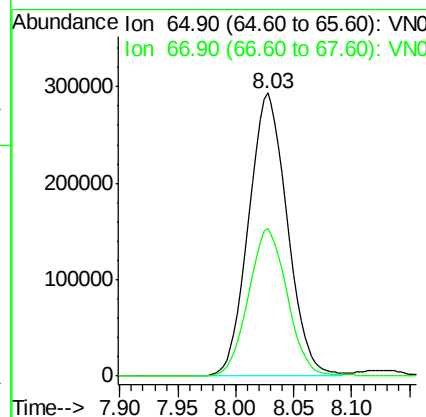
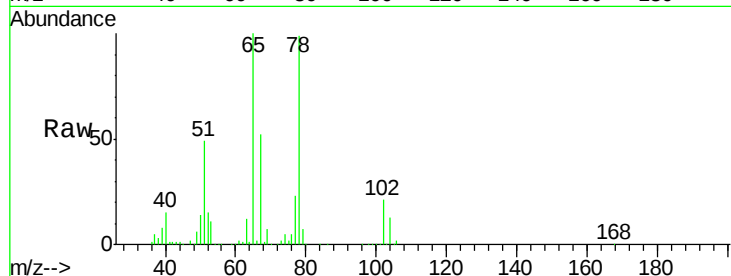
VN0318WBS01

Tot Ion: 65 Resp: 681891

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

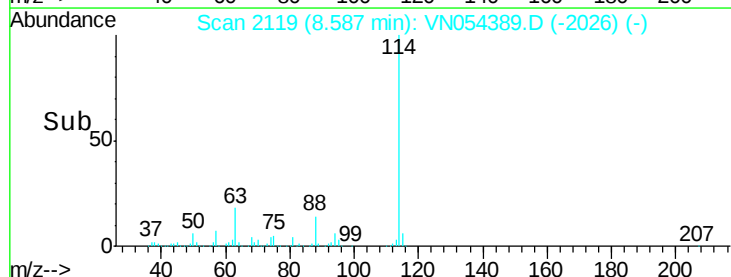
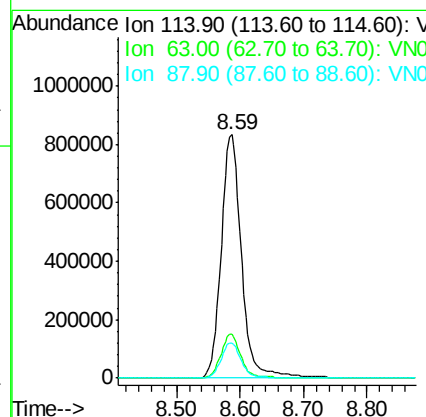
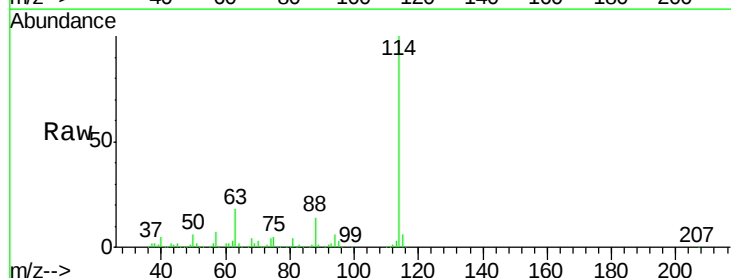
Tgt Ion: 114 Resp: 1852036

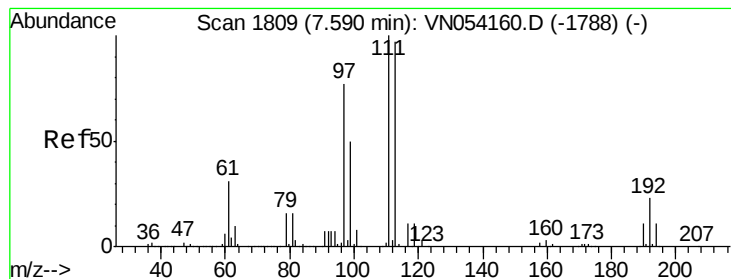
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.061 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

VN0318WBS01

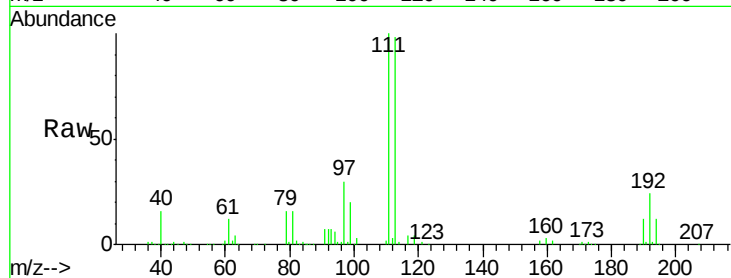
Tot Ion:113 Resp: 633801

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

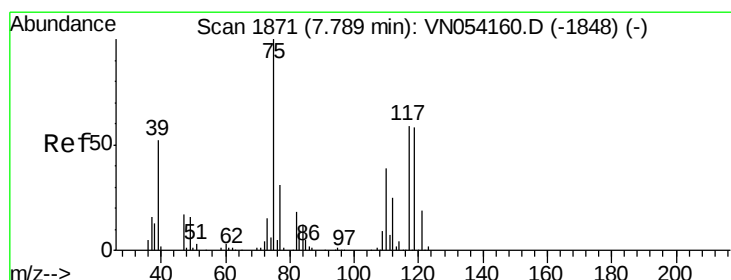
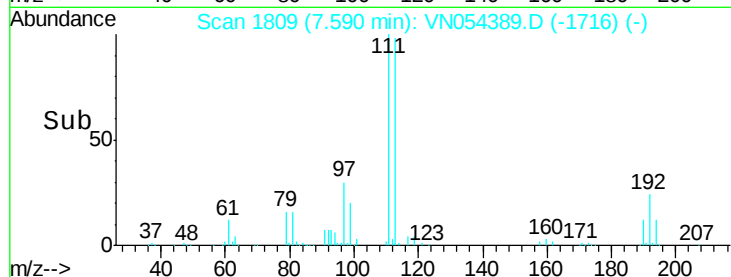
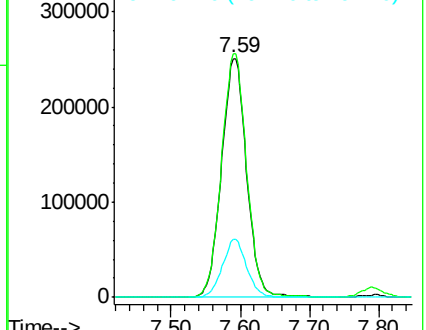
192 23.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.770 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

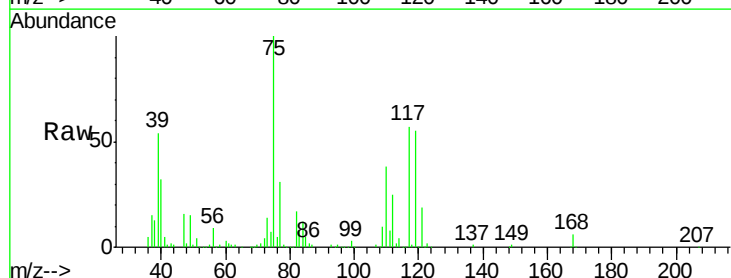
Tgt Ion: 75 Resp: 337187

Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.5

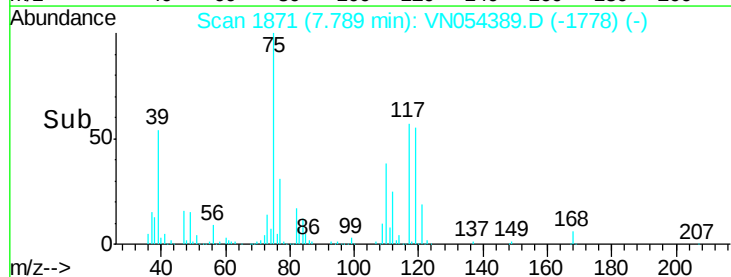
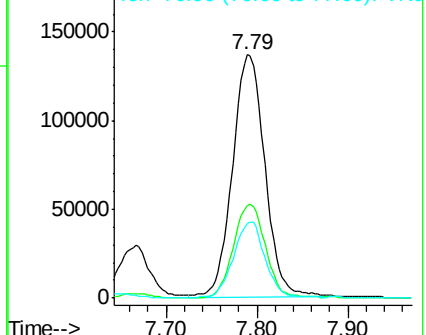
77 31.2 25.0 37.4

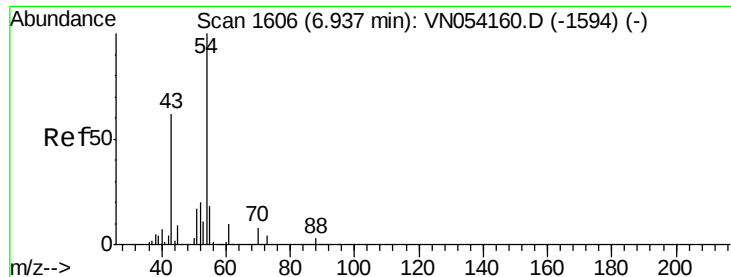


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

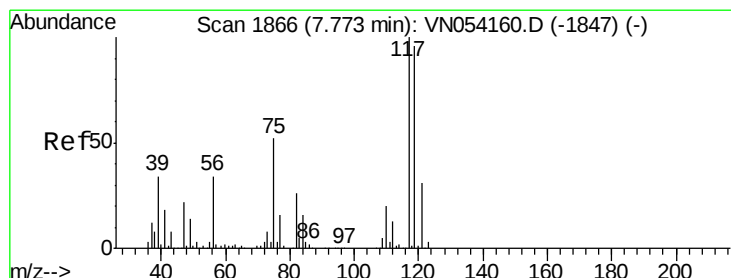
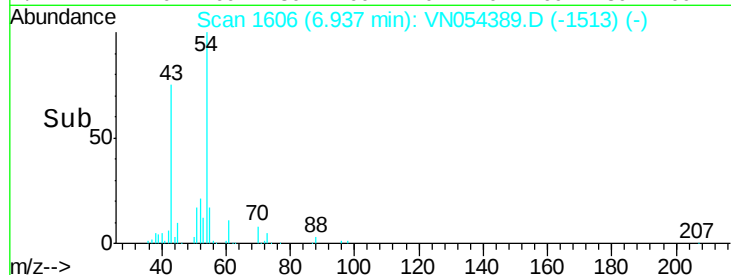
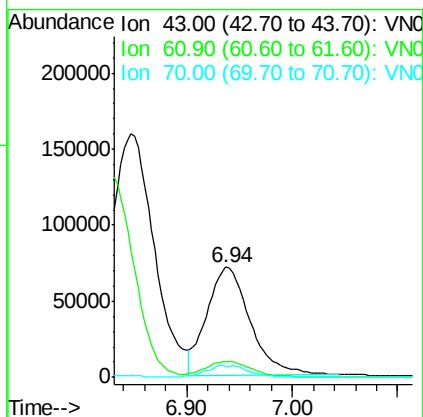
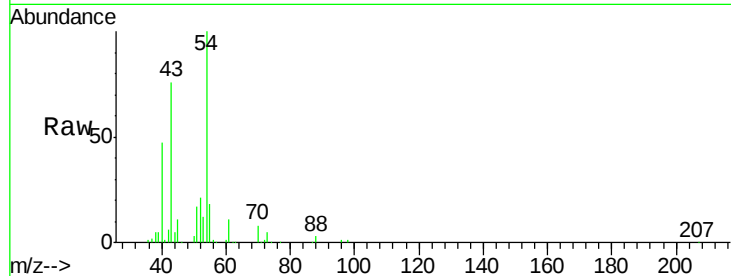




#37
Ethyl Acetate
Concen: 20.801 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

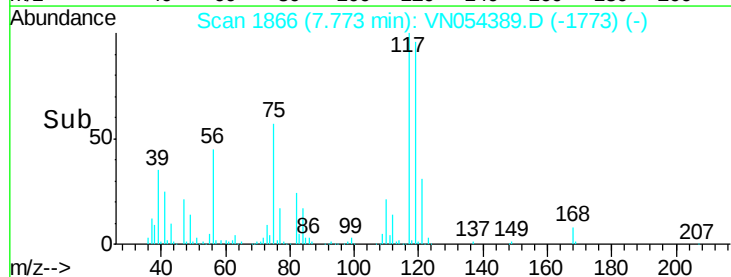
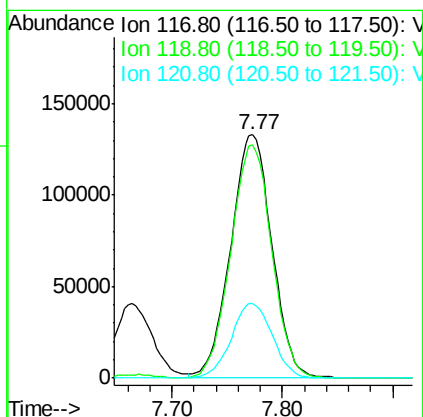
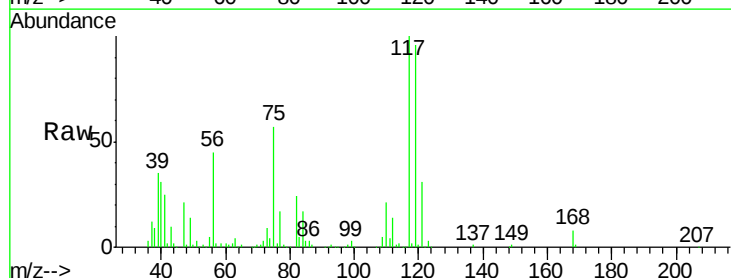
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

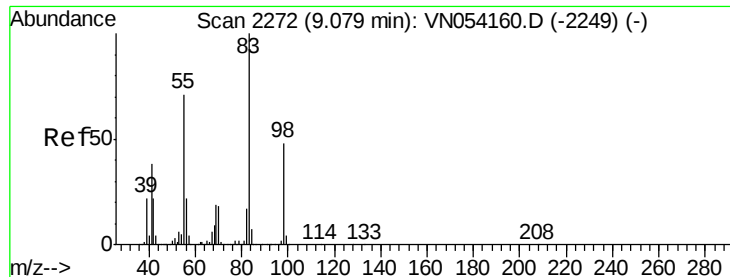
Tot Ion: 43 Resp: 203848
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 10.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.142 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 117 Resp: 342367
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
121 30.7 24.6 36.8

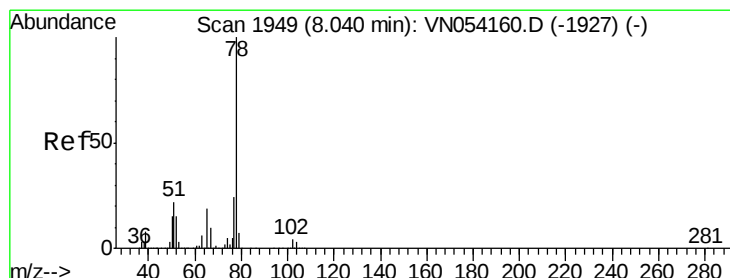
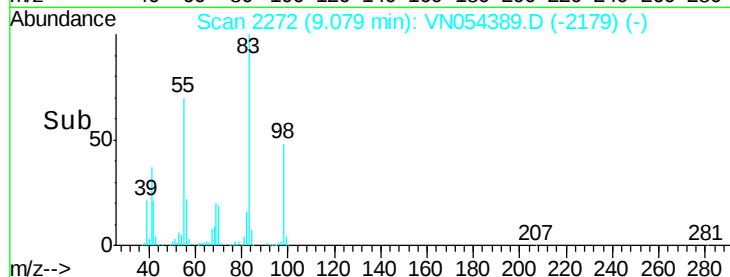
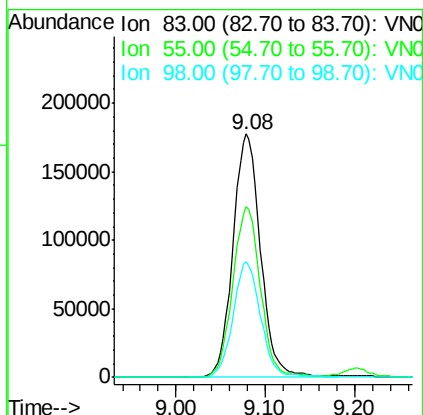
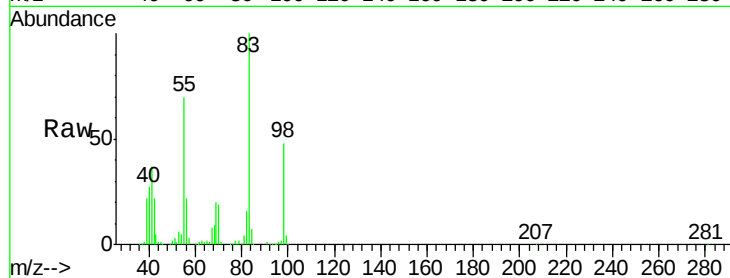




#39
Methvlcvclohexane
Concen: 18.181 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

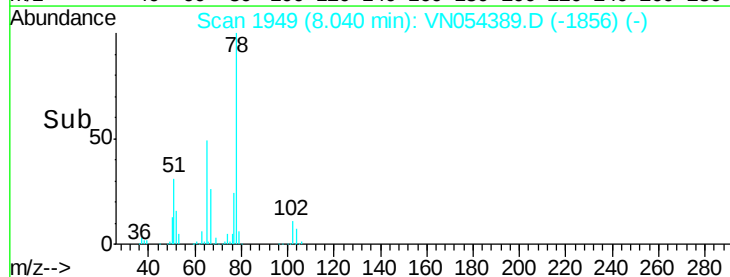
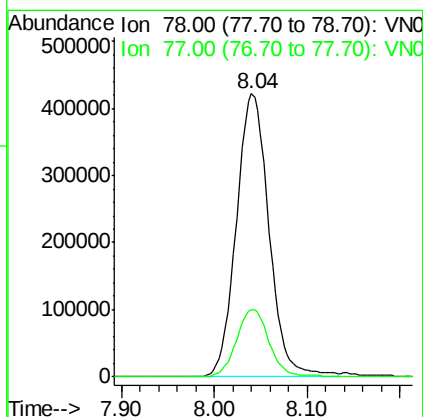
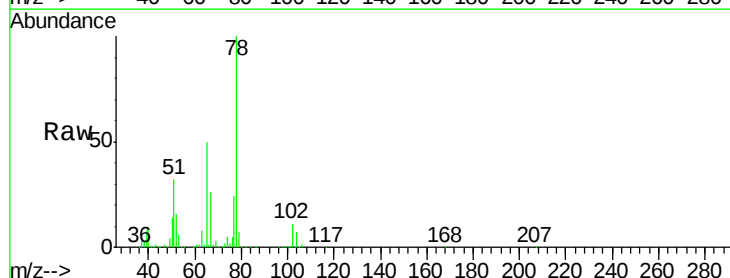
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

Tot Ion: 83 Resp: 381519
Ion Ratio Lower Upper
83 100
55 70.0 56.6 84.8
98 47.6 38.4 57.6



#40
Benzene
Concen: 21.158 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 78 Resp: 1032644
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

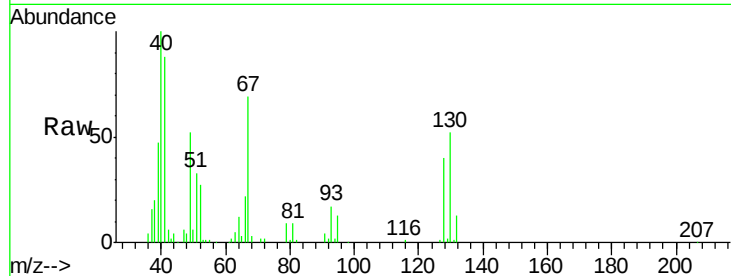




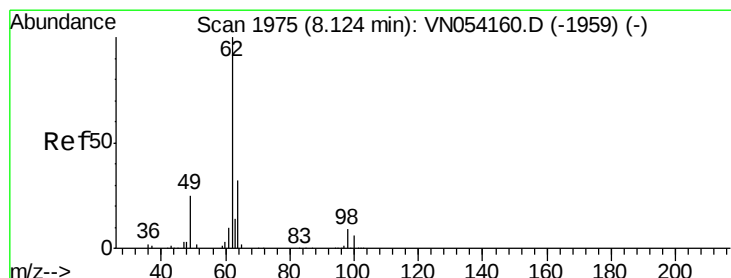
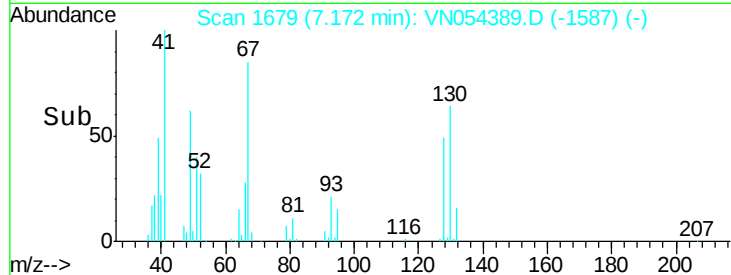
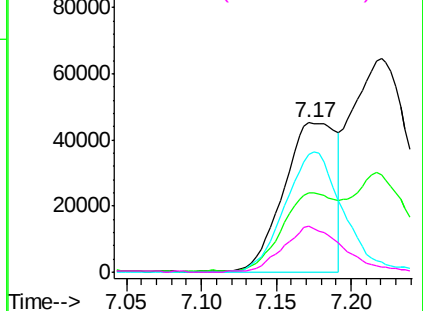
#41
Methacrylonitrile
Concen: 19.723 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

Tot Ion: 41 Resp: 110361
Ion Ratio Lower Upper
41 100
39 51.8 46.8 70.2
67 89.3 67.0 100.4
52 35.7 26.5 39.7

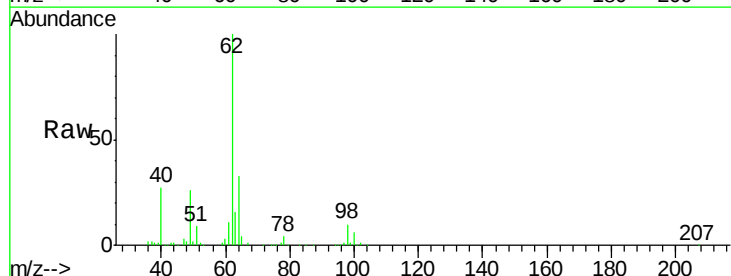


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

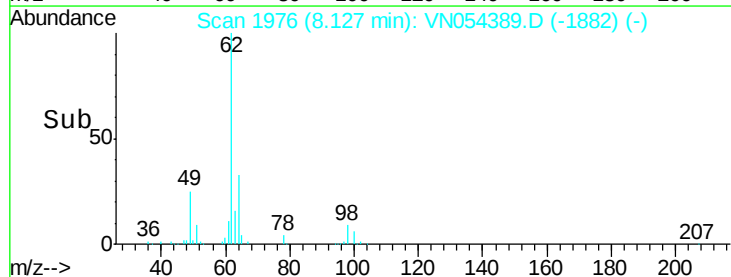
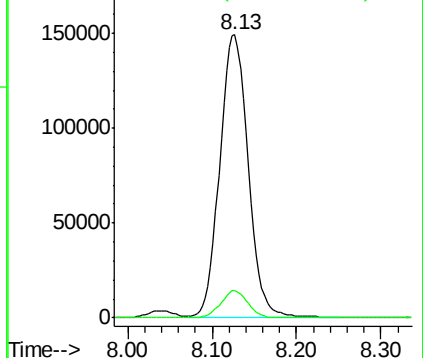


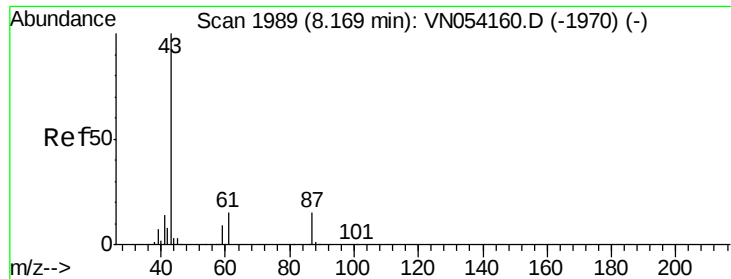
#42
1,2-Dichloroethane
Concen: 21.184 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 62 Resp: 349064
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.272 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

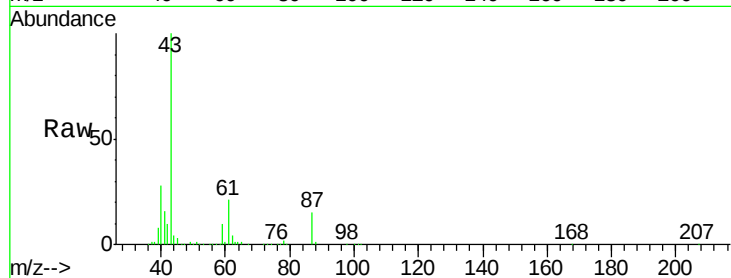
Tot Ion: 43 Resp: 331514

Ion Ratio Lower Upper

43 100

61 20.9 15.8 23.8

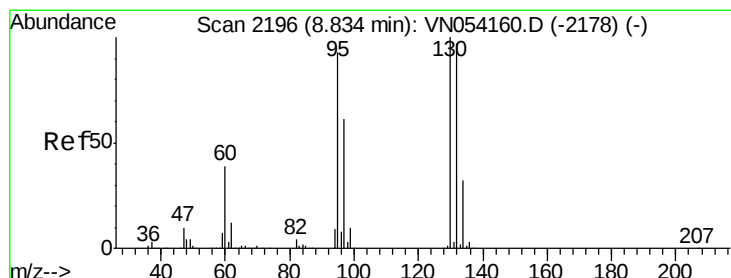
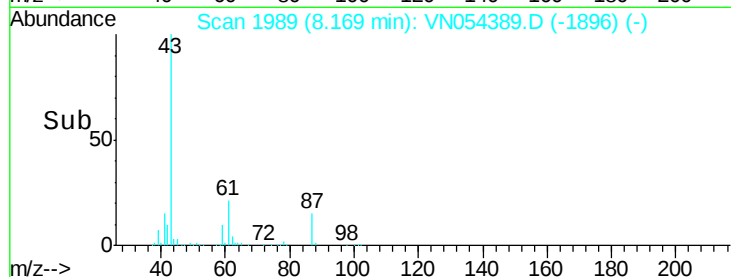
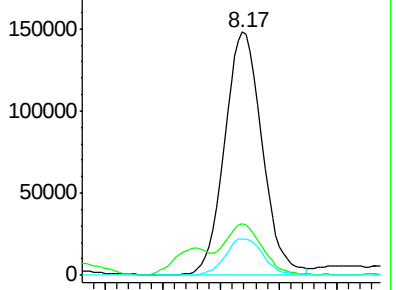
87 15.5 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN054160.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN054160.D (-1970) (-)



#44

Trichloroethene

Concen: 20.580 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054389.D

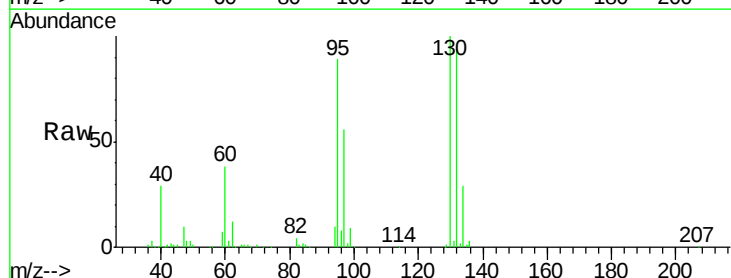
Acq: 18 Mar 2019 13:05

Tgt Ion: 130 Resp: 312022

Ion Ratio Lower Upper

130 100

95 88.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054160.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN054160.D (-2178) (-)

Ion 129.80 (129.50 to 130.50): VN054160.D (-2178) (-)

Ion 130.00 (129.70 to 130.30): VN054160.D (-2178) (-)

Ion 131.00 (130.70 to 131.30): VN054160.D (-2178) (-)

Ion 132.00 (131.70 to 132.30): VN054160.D (-2178) (-)

Ion 133.00 (132.70 to 133.30): VN054160.D (-2178) (-)

Ion 134.00 (133.70 to 134.30): VN054160.D (-2178) (-)

Ion 135.00 (134.70 to 135.30): VN054160.D (-2178) (-)

Ion 136.00 (135.70 to 136.30): VN054160.D (-2178) (-)

Ion 137.00 (136.70 to 137.30): VN054160.D (-2178) (-)

Ion 138.00 (137.70 to 138.30): VN054160.D (-2178) (-)

Ion 139.00 (138.70 to 139.30): VN054160.D (-2178) (-)

Ion 140.00 (139.70 to 140.30): VN054160.D (-2178) (-)

Ion 141.00 (140.70 to 141.30): VN054160.D (-2178) (-)

Ion 142.00 (141.70 to 142.30): VN054160.D (-2178) (-)

Ion 143.00 (142.70 to 143.30): VN054160.D (-2178) (-)

Ion 144.00 (143.70 to 144.30): VN054160.D (-2178) (-)

Ion 145.00 (144.70 to 145.30): VN054160.D (-2178) (-)

Ion 146.00 (145.70 to 146.30): VN054160.D (-2178) (-)

Ion 147.00 (146.70 to 147.30): VN054160.D (-2178) (-)

Ion 148.00 (147.70 to 148.30): VN054160.D (-2178) (-)

Ion 149.00 (148.70 to 149.30): VN054160.D (-2178) (-)

Ion 150.00 (149.70 to 150.30): VN054160.D (-2178) (-)

Ion 151.00 (150.70 to 151.30): VN054160.D (-2178) (-)

Ion 152.00 (151.70 to 152.30): VN054160.D (-2178) (-)

Ion 153.00 (152.70 to 153.30): VN054160.D (-2178) (-)

Ion 154.00 (153.70 to 154.30): VN054160.D (-2178) (-)

Ion 155.00 (154.70 to 155.30): VN054160.D (-2178) (-)

Ion 156.00 (155.70 to 156.30): VN054160.D (-2178) (-)

Ion 157.00 (156.70 to 157.30): VN054160.D (-2178) (-)

Ion 158.00 (157.70 to 158.30): VN054160.D (-2178) (-)

Ion 159.00 (158.70 to 159.30): VN054160.D (-2178) (-)

Ion 160.00 (159.70 to 160.30): VN054160.D (-2178) (-)

Ion 161.00 (160.70 to 161.30): VN054160.D (-2178) (-)

Ion 162.00 (161.70 to 162.30): VN054160.D (-2178) (-)

Ion 163.00 (162.70 to 163.30): VN054160.D (-2178) (-)

Ion 164.00 (163.70 to 164.30): VN054160.D (-2178) (-)

Ion 165.00 (164.70 to 165.30): VN054160.D (-2178) (-)

Ion 166.00 (165.70 to 166.30): VN054160.D (-2178) (-)

Ion 167.00 (166.70 to 167.30): VN054160.D (-2178) (-)

Ion 168.00 (167.70 to 168.30): VN054160.D (-2178) (-)

Ion 169.00 (168.70 to 169.30): VN054160.D (-2178) (-)

Ion 170.00 (169.70 to 170.30): VN054160.D (-2178) (-)

Ion 171.00 (170.70 to 171.30): VN054160.D (-2178) (-)

Ion 172.00 (171.70 to 172.30): VN054160.D (-2178) (-)

Ion 173.00 (172.70 to 173.30): VN054160.D (-2178) (-)

Ion 174.00 (173.70 to 174.30): VN054160.D (-2178) (-)

Ion 175.00 (174.70 to 175.30): VN054160.D (-2178) (-)

Ion 176.00 (175.70 to 176.30): VN054160.D (-2178) (-)

Ion 177.00 (176.70 to 177.30): VN054160.D (-2178) (-)

Ion 178.00 (177.70 to 178.30): VN054160.D (-2178) (-)

Ion 179.00 (178.70 to 179.30): VN054160.D (-2178) (-)

Ion 180.00 (179.70 to 180.30): VN054160.D (-2178) (-)

Ion 181.00 (180.70 to 181.30): VN054160.D (-2178) (-)

Ion 182.00 (181.70 to 182.30): VN054160.D (-2178) (-)

Ion 183.00 (182.70 to 183.30): VN054160.D (-2178) (-)

Ion 184.00 (183.70 to 184.30): VN054160.D (-2178) (-)

Ion 185.00 (184.70 to 185.30): VN054160.D (-2178) (-)

Ion 186.00 (185.70 to 186.30): VN054160.D (-2178) (-)

Ion 187.00 (186.70 to 187.30): VN054160.D (-2178) (-)

Ion 188.00 (187.70 to 188.30): VN054160.D (-2178) (-)

Ion 189.00 (188.70 to 189.30): VN054160.D (-2178) (-)

Ion 190.00 (189.70 to 190.30): VN054160.D (-2178) (-)

Ion 191.00 (190.70 to 191.30): VN054160.D (-2178) (-)

Ion 192.00 (191.70 to 192.30): VN054160.D (-2178) (-)

Ion 193.00 (192.70 to 193.30): VN054160.D (-2178) (-)

Ion 194.00 (193.70 to 194.30): VN054160.D (-2178) (-)

Ion 195.00 (194.70 to 195.30): VN054160.D (-2178) (-)

Ion 196.00 (195.70 to 196.30): VN054160.D (-2178) (-)

Ion 197.00 (196.70 to 197.30): VN054160.D (-2178) (-)

Ion 198.00 (197.70 to 198.30): VN054160.D (-2178) (-)

Ion 199.00 (198.70 to 199.30): VN054160.D (-2178) (-)

Ion 200.00 (199.70 to 200.30): VN054160.D (-2178) (-)

Ion 201.00 (200.70 to 201.30): VN054160.D (-2178) (-)

Ion 202.00 (201.70 to 202.30): VN054160.D (-2178) (-)

Ion 203.00 (202.70 to 203.30): VN054160.D (-2178) (-)

Ion 204.00 (203.70 to 204.30): VN054160.D (-2178) (-)

Ion 205.00 (204.70 to 205.30): VN054160.D (-2178) (-)

Ion 206.00 (205.70 to 206.30): VN054160.D (-2178) (-)

Ion 207.00 (206.70 to 207.30): VN054160.D (-2178) (-)

Ion 208.00 (207.70 to 208.30): VN054160.D (-2178) (-)

Ion 209.00 (208.70 to 209.30): VN054160.D (-2178) (-)

Ion 210.00 (209.70 to 210.30): VN054160.D (-2178) (-)

Ion 211.00 (210.70 to 211.30): VN054160.D (-2178) (-)

Ion 212.00 (211.70 to 212.30): VN054160.D (-2178) (-)

Ion 213.00 (212.70 to 213.30): VN054160.D (-2178) (-)

Ion 214.00 (213.70 to 214.30): VN054160.D (-2178) (-)

Ion 215.00 (214.70 to 215.30): VN054160.D (-2178) (-)

Ion 216.00 (215.70 to 216.30): VN054160.D (-2178) (-)

Ion 217.00 (216.70 to 217.30): VN054160.D (-2178) (-)

Ion 218.00 (217.70 to 218.30): VN054160.D (-2178) (-)

Ion 219.00 (218.70 to 219.30): VN054160.D (-2178) (-)

Ion 220.00 (219.70 to 220.30): VN054160.D (-2178) (-)

Ion 221.00 (220.70 to 221.30): VN054160.D (-2178) (-)

Ion 222.00 (221.70 to 222.30): VN054160.D (-2178) (-)

Ion 223.00 (222.70 to 223.30): VN054160.D (-2178) (-)

Ion 224.00 (223.70 to 224.30): VN054160.D (-2178) (-)

Ion 225.00 (224.70 to 225.30): VN054160.D (-2178) (-)

Ion 226.00 (225.70 to 226.30): VN054160.D (-2178) (-)

Ion 227.00 (226.70 to 227.30): VN054160.D (-2178) (-)

Ion 228.00 (227.70 to 228.30): VN054160.D (-2178) (-)

Ion 229.00 (228.70 to 229.30): VN054160.D (-2178) (-)

Ion 230.00 (229.70 to 230.30): VN054160.D (-2178) (-)

Ion 231.00 (230.70 to 231.30): VN054160.D (-2178) (-)

Ion 232.00 (231.70 to 232.30): VN054160.D (-2178) (-)

Ion 233.00 (232.70 to 233.30): VN054160.D (-2178) (-)

Ion 234.00 (233.70 to 234.30): VN054160.D (-2178) (-)

Ion 235.00 (234.70 to 235.30): VN054160.D (-2178) (-)

Ion 236.00 (235.70 to 236.30): VN054160.D (-2178) (-)

Ion 237.00 (236.70 to 237.30): VN054160.D (-2178) (-)

Ion 238.00 (237.70 to 238.30): VN054160.D (-2178) (-)

Ion 239.00 (238.70 to 239.30): VN054160.D (-2178) (-)

Ion 240.00 (239.70 to 240.30): VN054160.D (-2178) (-)

Ion 241.00 (240.70 to 241.30): VN054160.D (-2178) (-)

Ion 242.00 (241.70 to 242.30): VN054160.D (-2178) (-)

Ion 243.00 (242.70 to 243.30): VN054160.D (-2178) (-)

Ion 244.00 (243.70 to 244.30): VN054160.D (-2178) (-)

Ion 245.00 (244.70 to 245.30): VN054160.D (-2178) (-)

Ion 246.00 (245.70 to 246.30): VN054160.D (-2178) (-)

Ion 247.00 (246.70 to 247.30): VN054160.D (-2178) (-)

Ion 248.00 (247.70 to 248.30): VN054160.D (-2178) (-)

Ion 249.00 (248.70 to 249.30): VN054160.D (-2178) (-)

Ion 250.00 (249.70 to 250.30): VN054160.D (-2178) (-)

Ion 251.00 (250.70 to 251.30): VN054160.D (-2178) (-)

Ion 252.00 (251.70 to 252.30): VN054160.D (-2178) (-)

Ion 253.00 (252.70 to 253.30): VN054160.D (-2178) (-)

Ion 254.00 (253.70 to 254.30): VN054160.D (-2178) (-)

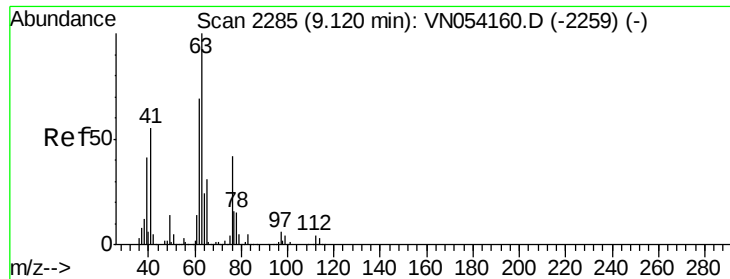
Ion 255.00 (254.70 to 255.30): VN054160.D (-2178) (-)

Ion 256.00 (255.70 to 256.30): VN054160.D (-2178) (-)

Ion 257.00 (256.70 to 257.30): VN054160.D (-2178) (-)

Ion 258.00 (257.70 to 258.30): VN054160.D (-2178) (-)

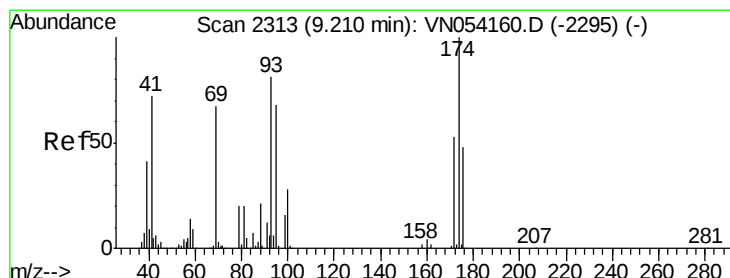
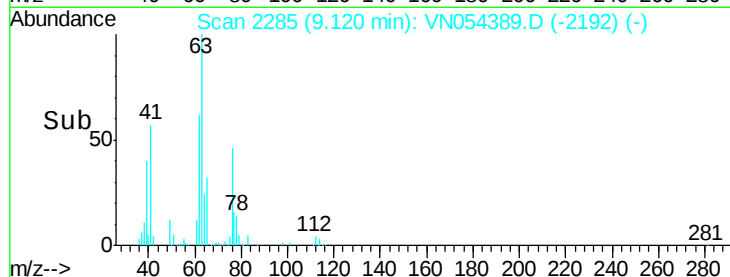
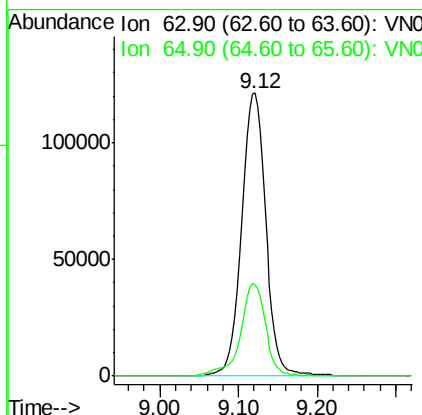
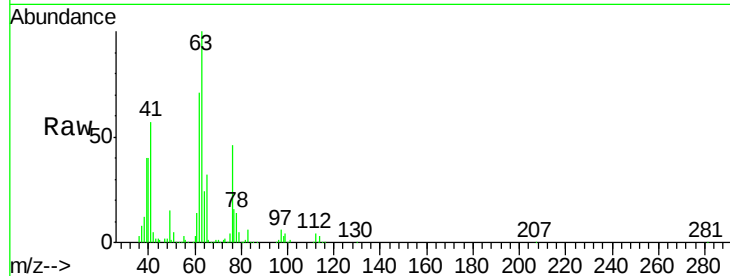
Ion 259.00 (



#45
 1,2-Dichloropropane
 Concen: 21.654 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

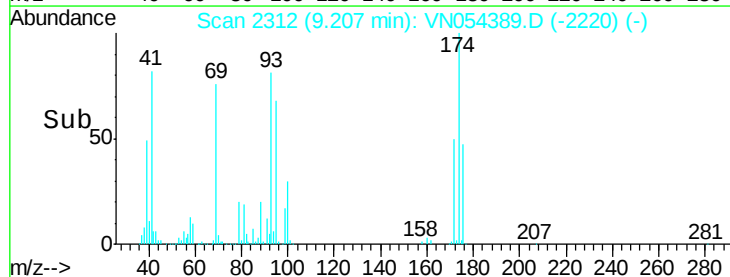
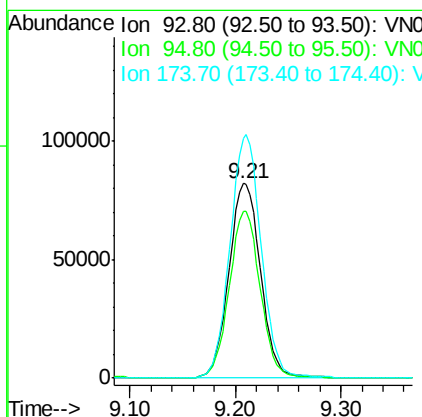
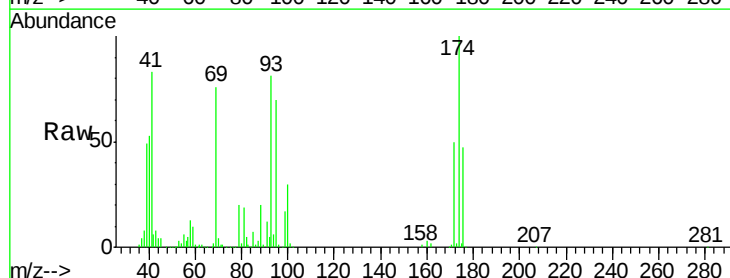
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

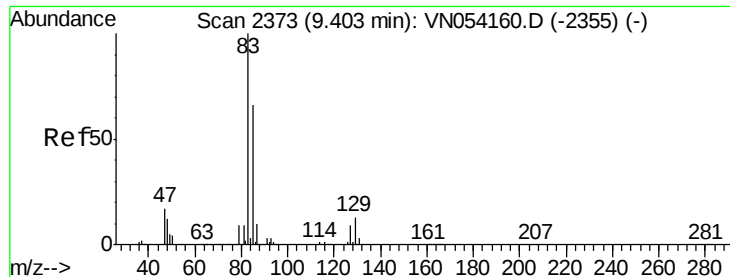
Tot Ion: 63 Resp: 262429
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.0 37.6



#46
 Dibromomethane
 Concen: 20.855 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion: 93 Resp: 170771
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.7 100.1
 174 123.5 98.5 147.7





#47

Bromodichloromethane

Concen: 20.586 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

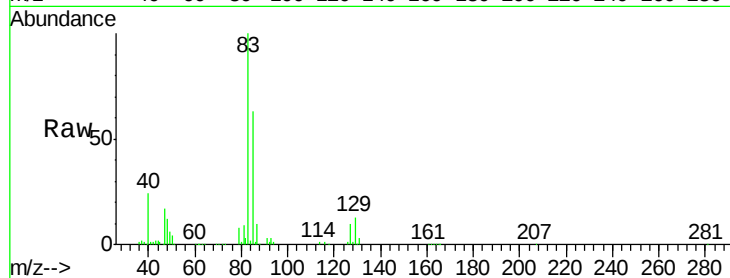
Tot Ion: 83 Resp: 337938

Ion Ratio Lower Upper

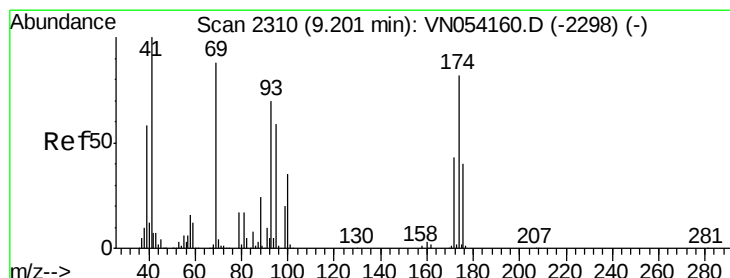
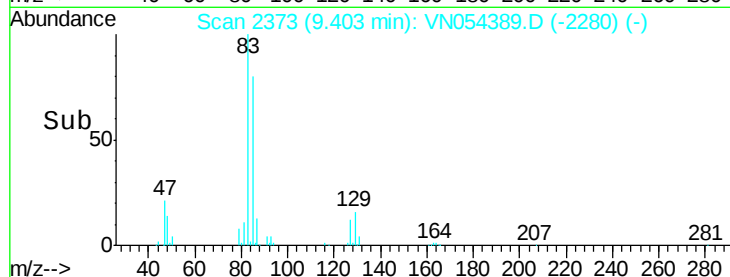
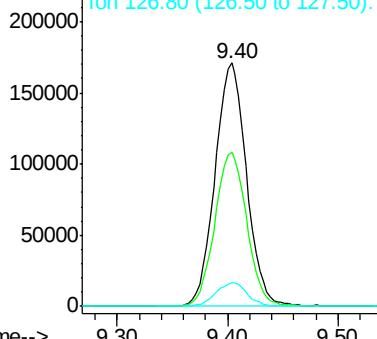
83 100

85 63.0 52.8 79.2

127 9.5 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 20.780 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

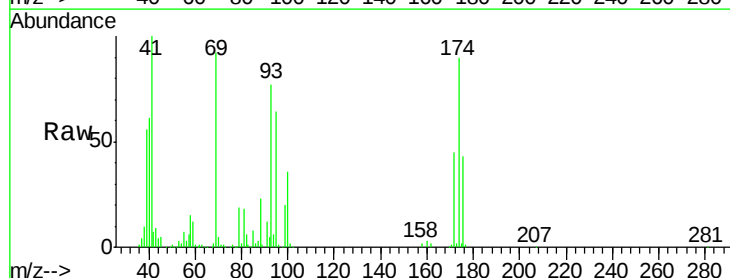
Tgt Ion: 41 Resp: 181400

Ion Ratio Lower Upper

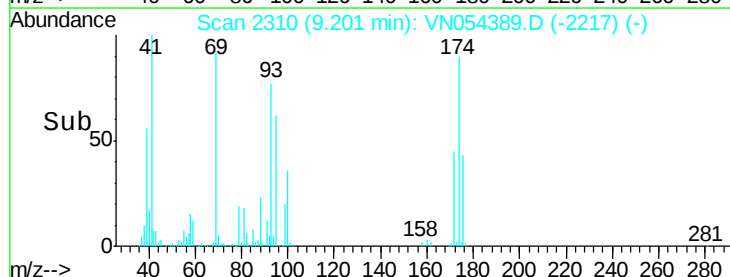
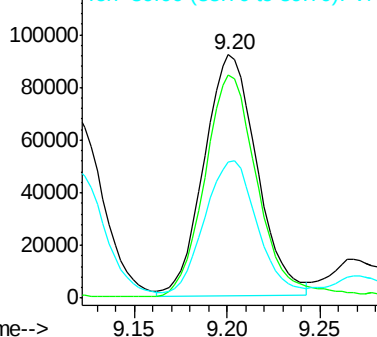
41 100

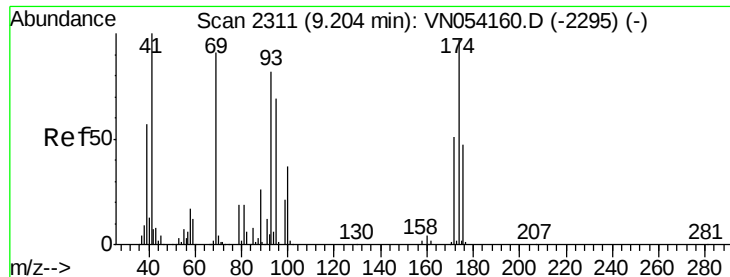
69 92.7 72.6 108.8

39 57.1 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

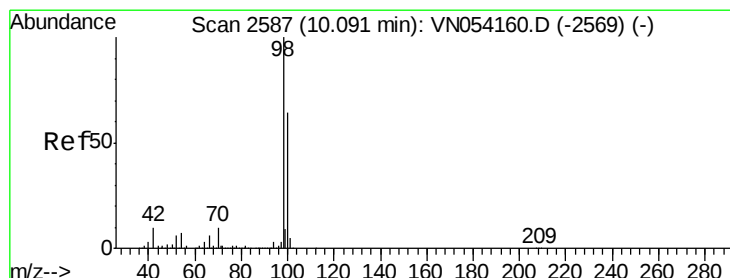
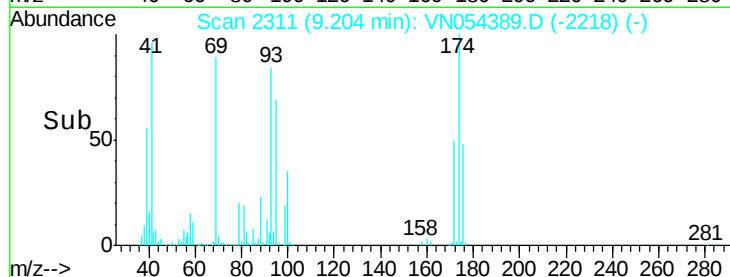
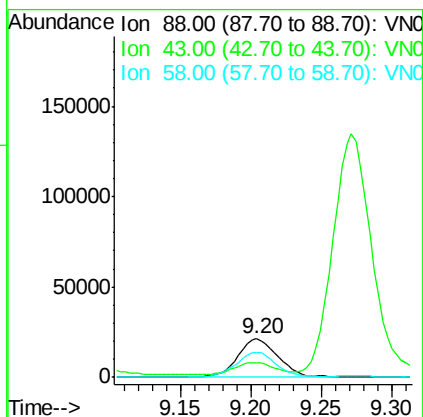
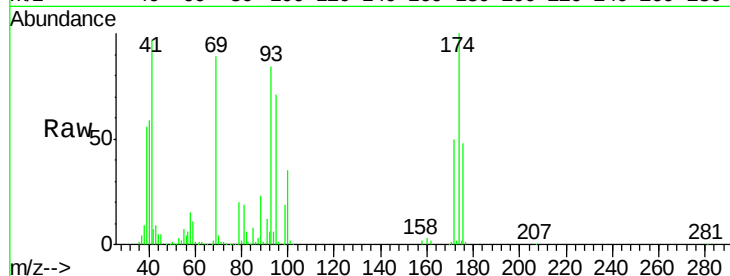




#49
1,4-Dioxane
Concen: 351.235 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

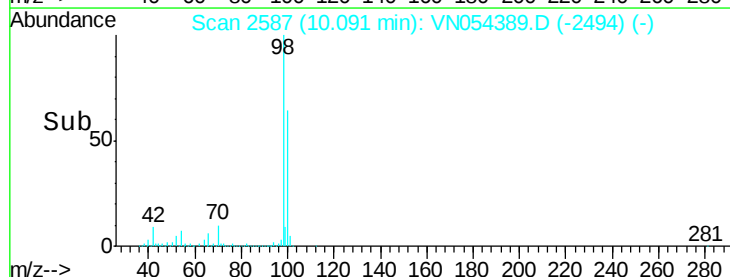
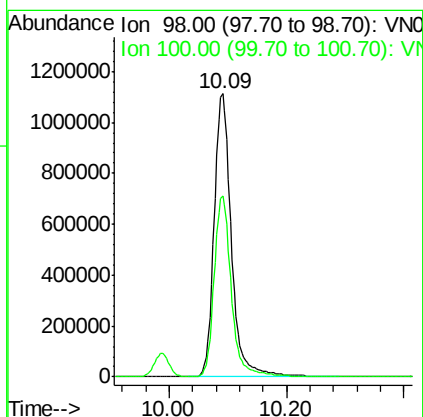
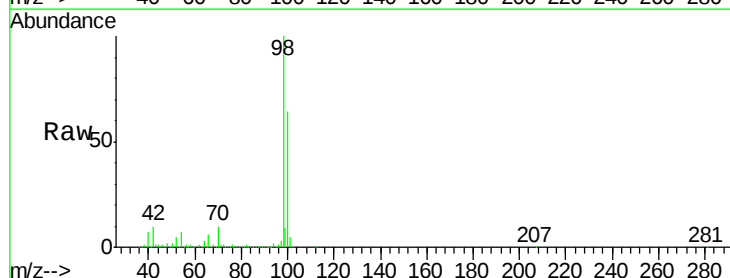
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

Tot Ion: 88 Resp: 43370
Ion Ratio Lower Upper
88 100
43 30.9 24.1 36.1
58 64.6 50.8 76.2



#50
Toluene-d8
Concen: 51.331 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 98 Resp: 2264432
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 107.049 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

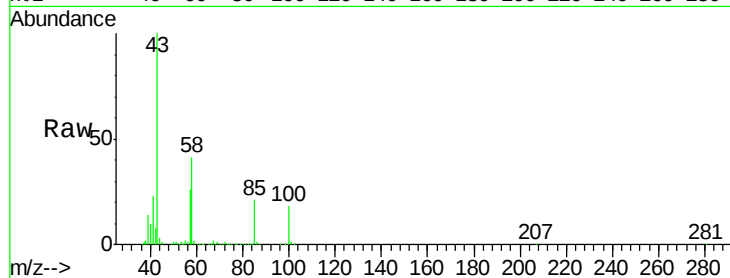
VN0318WBS01

Tot Ion: 43 Resp: 974494

Ion Ratio Lower Upper

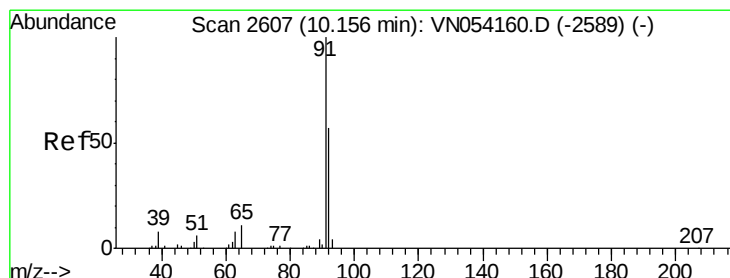
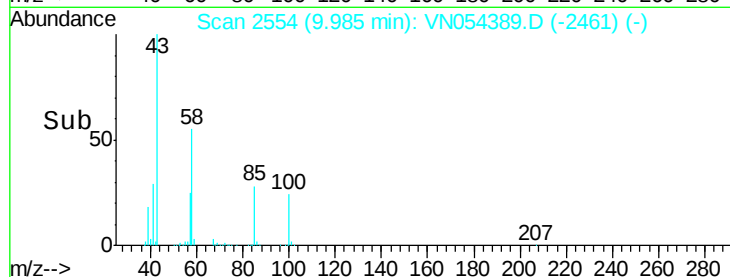
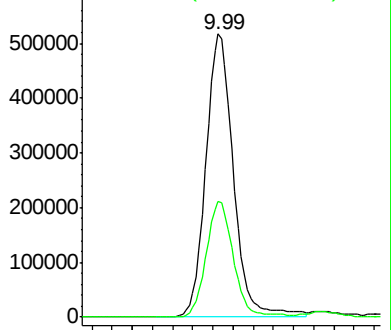
43 100

58 40.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 21.075 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054389.D

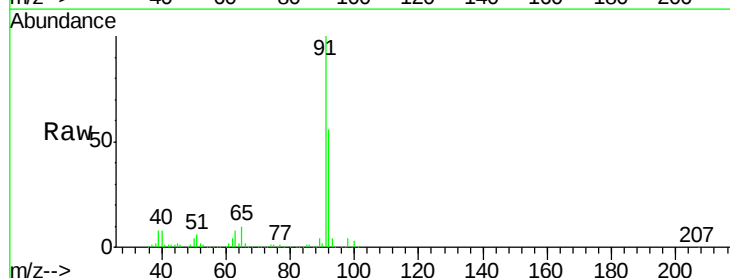
Acq: 18 Mar 2019 13:05

Tgt Ion: 92 Resp: 652189

Ion Ratio Lower Upper

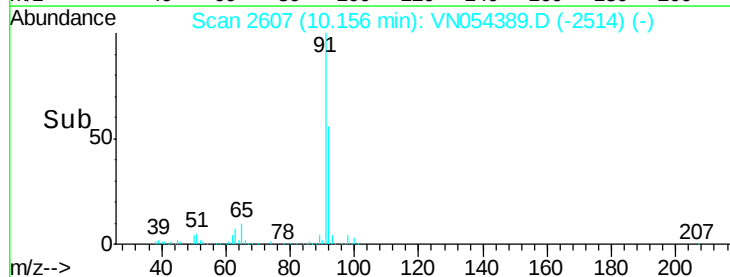
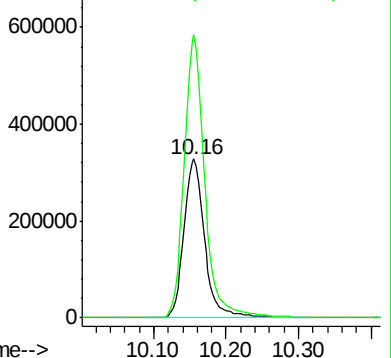
92 100

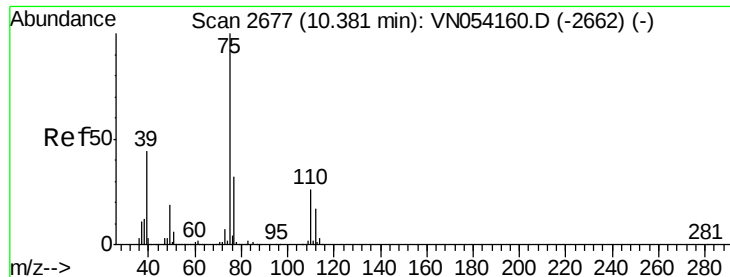
91 176.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.038 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

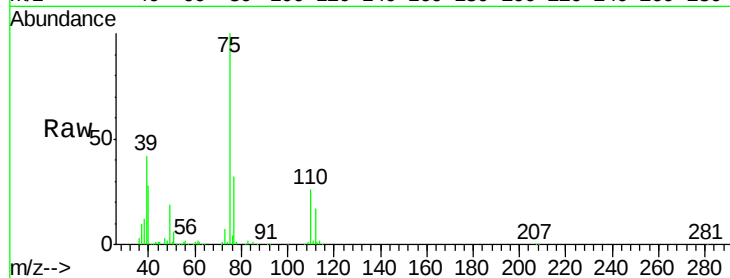
VN0318WBS01

Tot Ion: 75 Resp: 294303

Ion Ratio Lower Upper

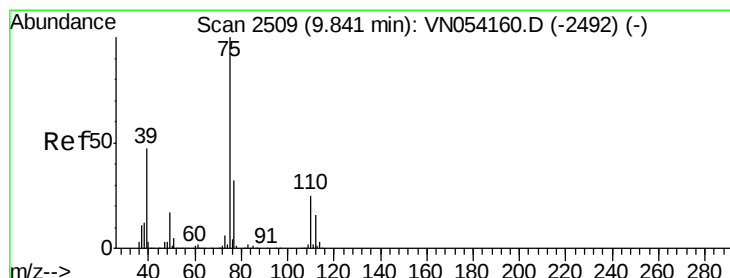
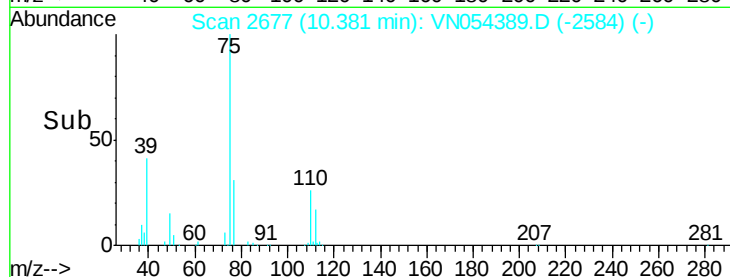
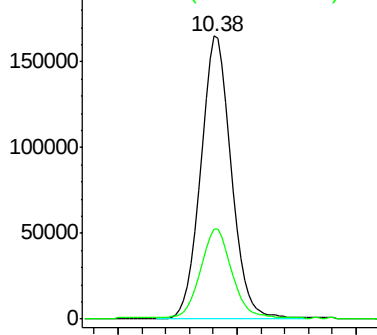
75 100

77 31.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.057 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

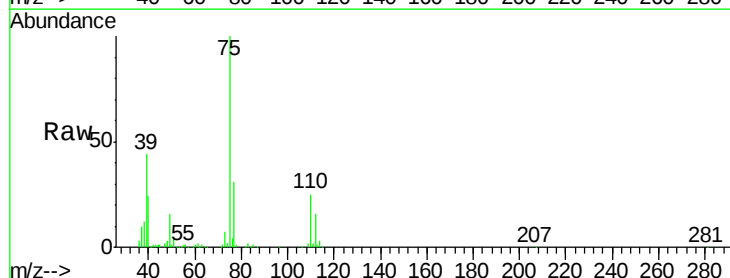
Tgt Ion: 75 Resp: 364550

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

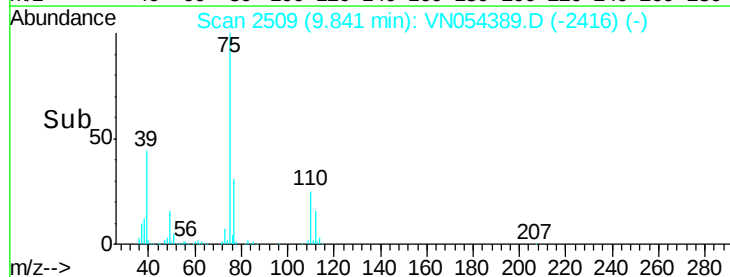
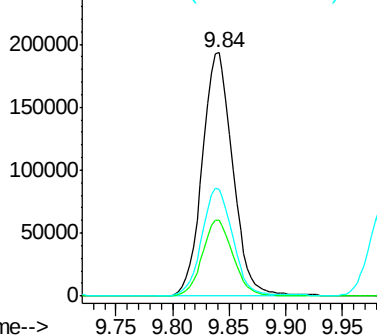
39 43.9 37.2 55.8

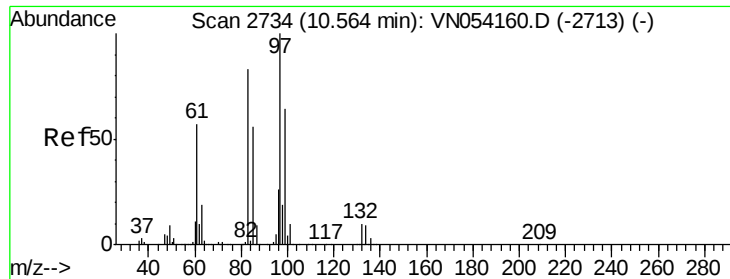


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

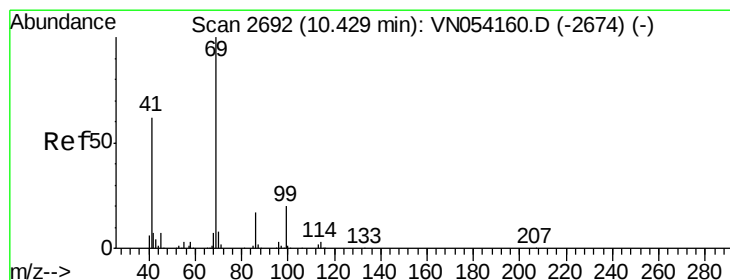
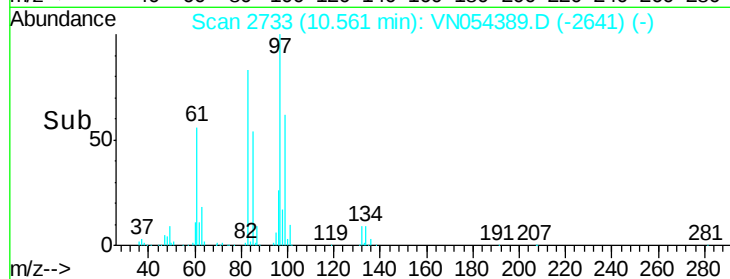
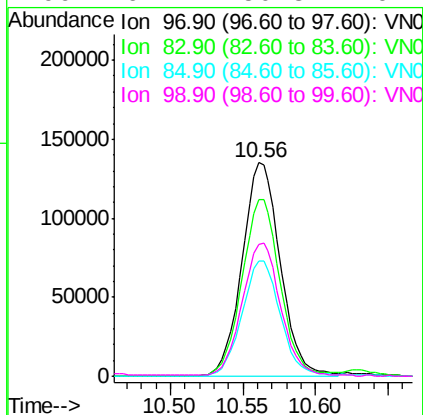
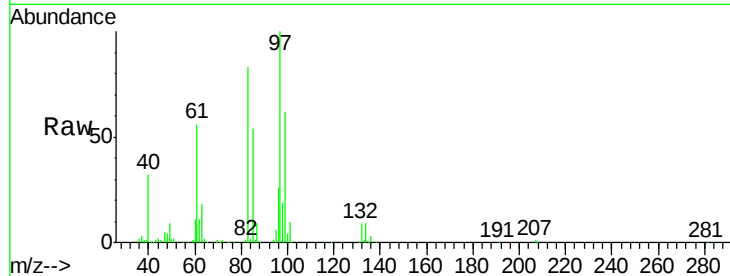




#55
 1,1,2-Trichloroethane
 Concen: 21.944 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

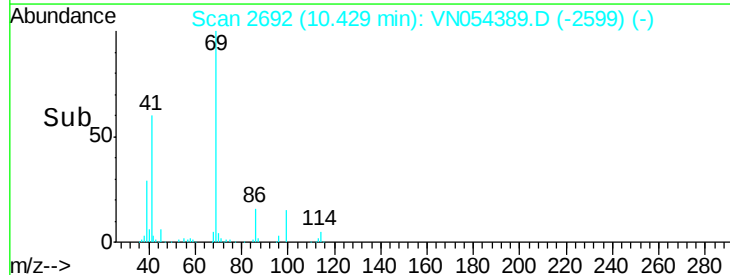
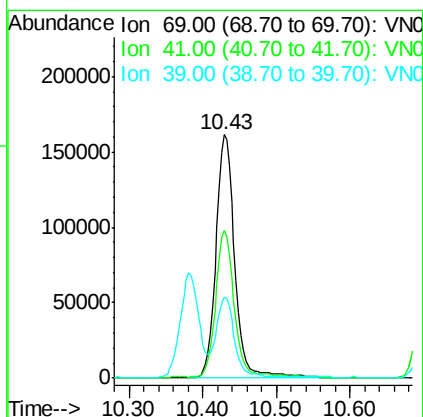
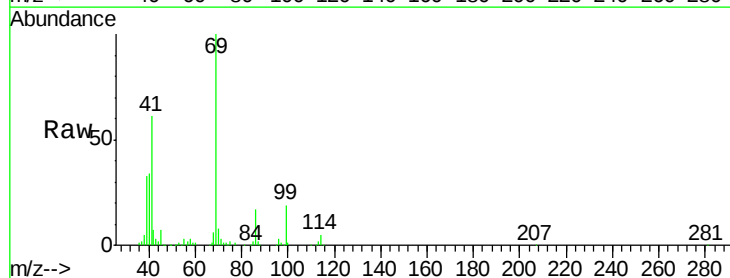
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

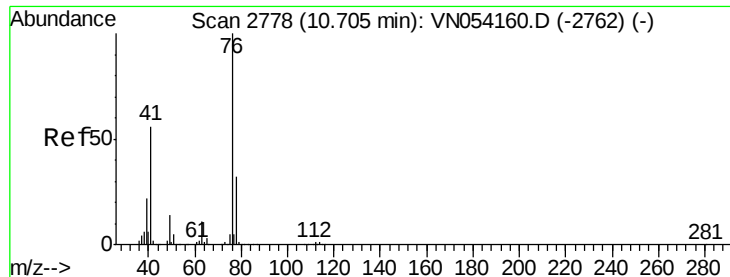
Tot Ion: 97 Resp: 247966
 Ion Ratio Lower Upper
 97 100
 83 82.5 66.6 100.0
 85 54.1 44.4 66.6
 99 61.4 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 21.186 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion: 69 Resp: 285453
 Ion Ratio Lower Upper
 69 100
 41 58.8 49.4 74.2
 39 31.2 28.3 42.5





#57

1,3-Dichloropropane

Concen: 21.351 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

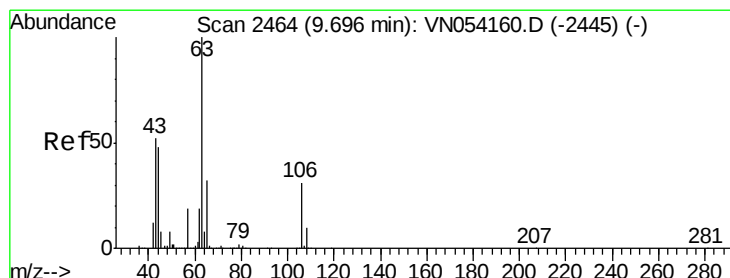
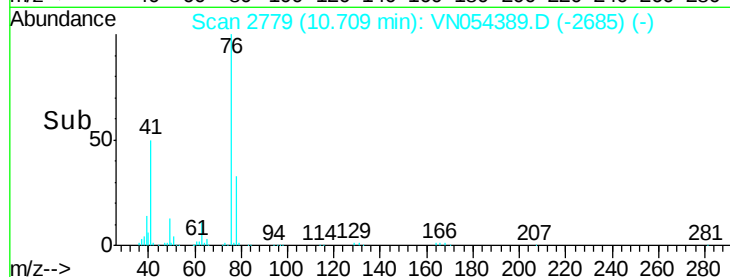
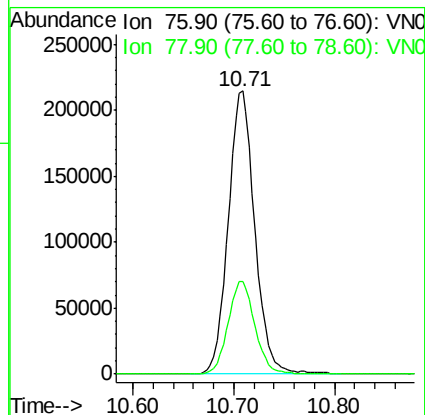
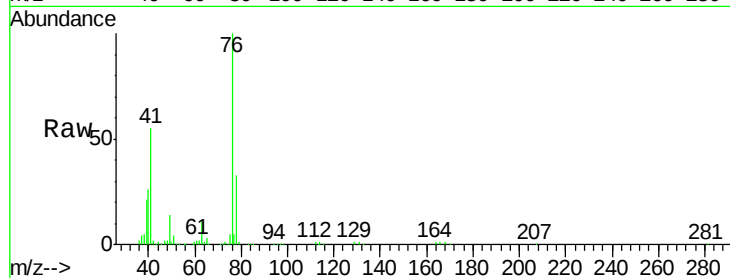
VN0318WBS01

Tot Ion: 76 Resp: 394502

Ion Ratio Lower Upper

76 100

78 33.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 101.043 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054389.D

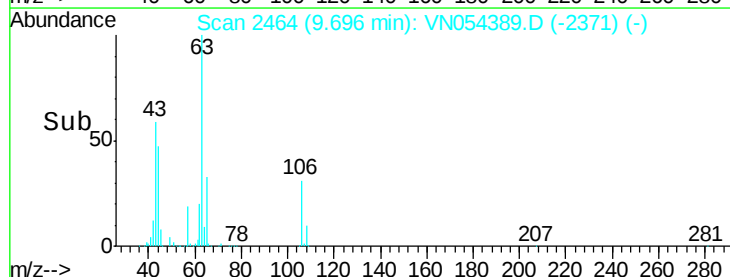
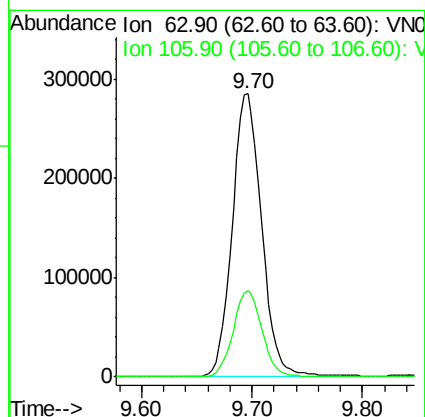
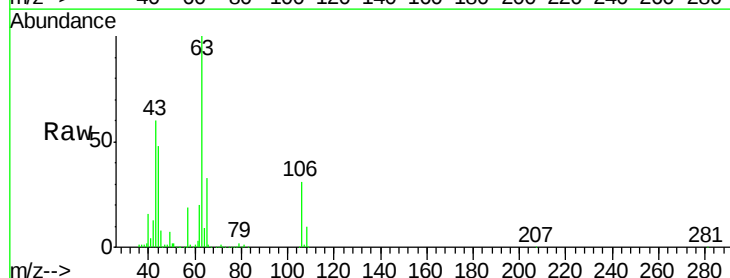
Acq: 18 Mar 2019 13:05

Tgt Ion: 63 Resp: 527795

Ion Ratio Lower Upper

63 100

106 30.1 24.4 36.6

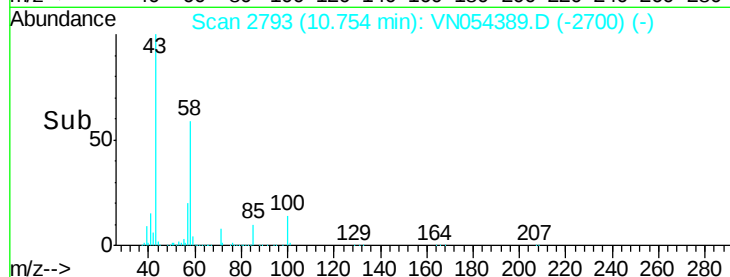
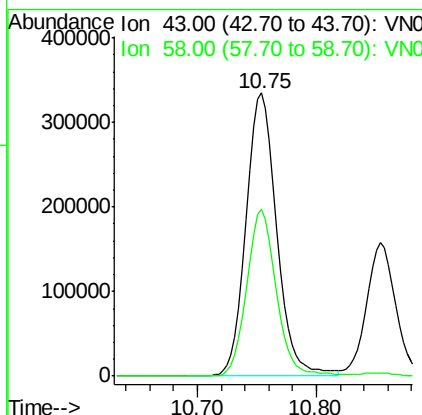
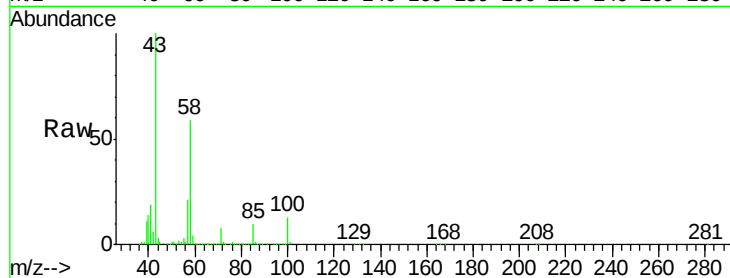




#59
2-Hexanone
Concen: 98.026 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

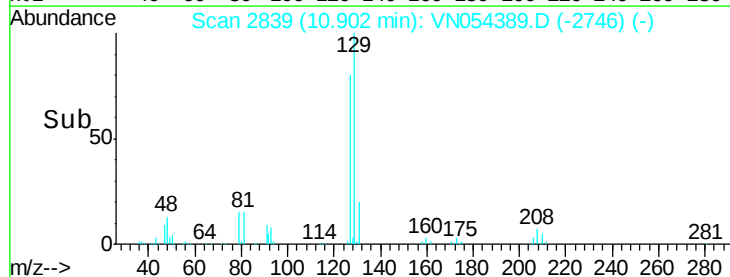
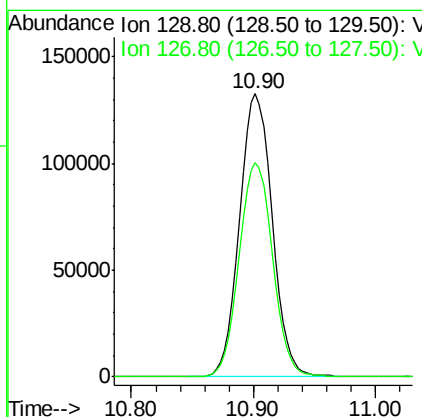
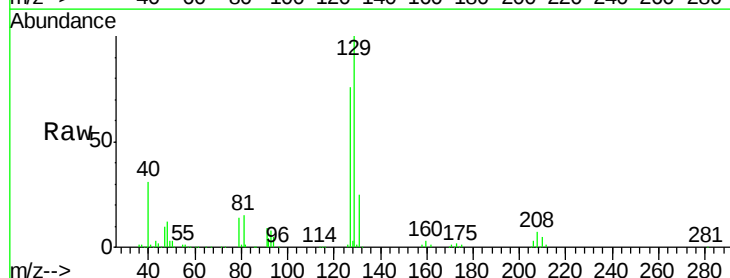
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

Tot Ion: 43 Resp: 593768
Ion Ratio Lower Upper
43 100
58 57.3 28.0 83.9



#60
Dibromochloromethane
Concen: 19.357 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 129 Resp: 246195
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.394 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

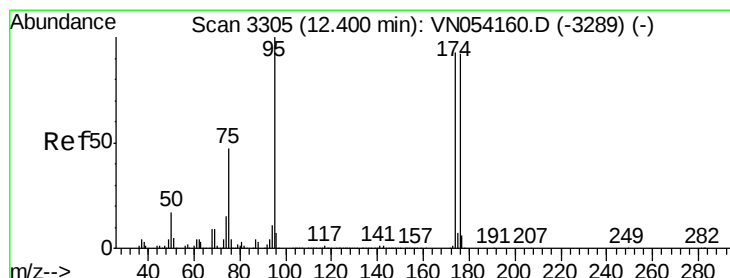
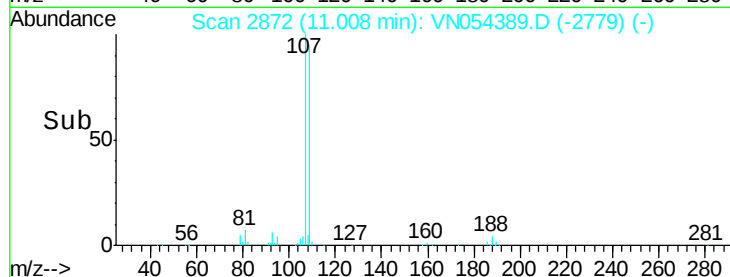
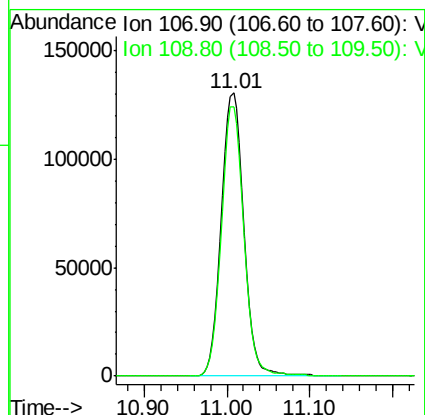
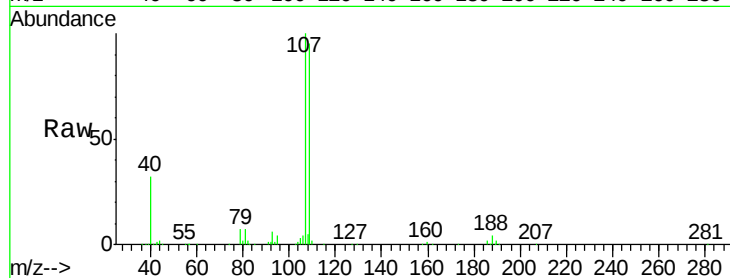
VN0318WBS01

Tot Ion:107 Resp: 245665

Ion Ratio Lower Upper

107 100

109 94.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.622 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

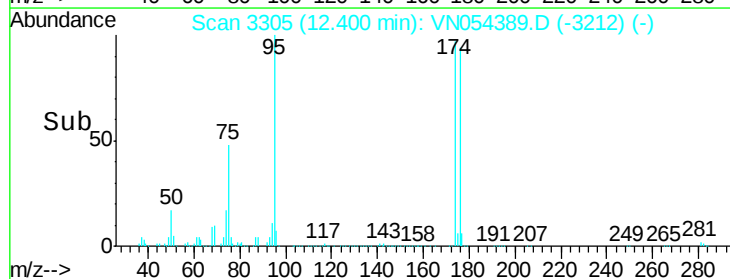
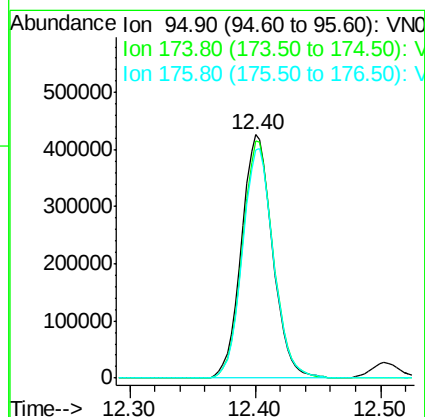
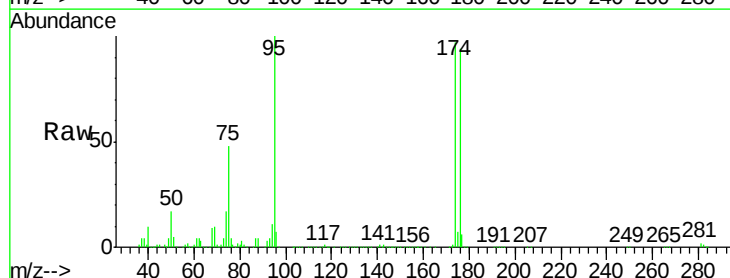
Tgt Ion: 95 Resp: 735066

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 94.4 0.0 187.4

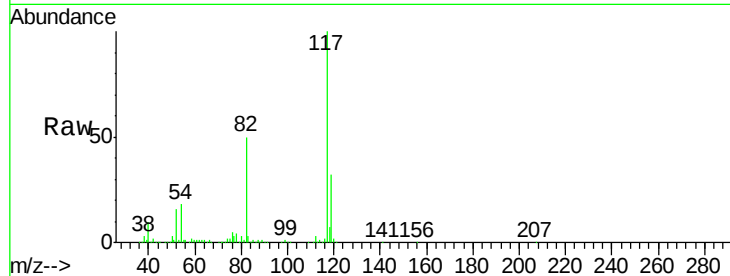




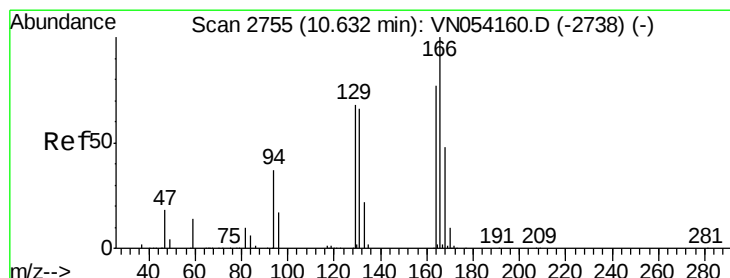
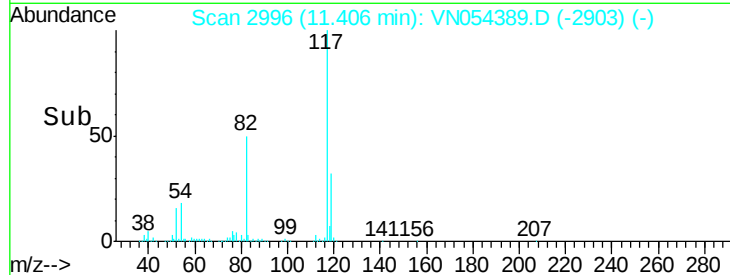
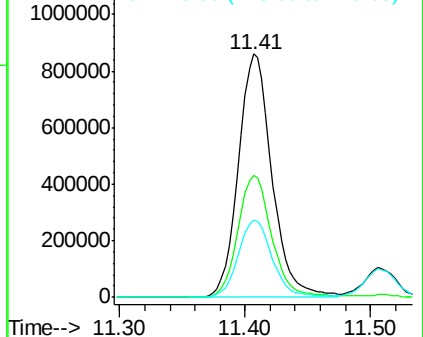
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS01

Tot Ion:117 Resp: 1602024
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 31.9 25.8 38.6

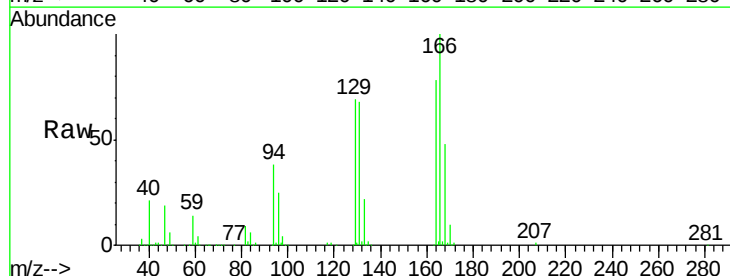


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

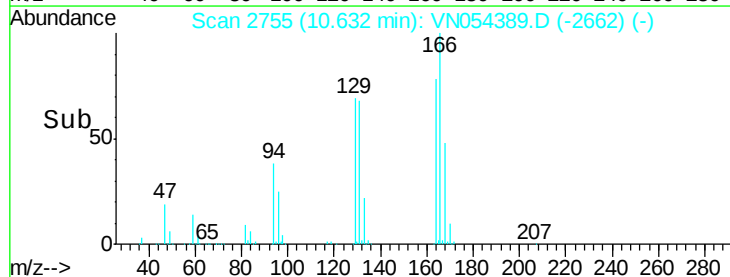
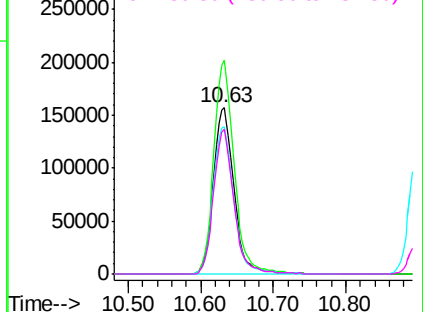


#64
Tetrachloroethene
Concen: 19.874 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion:164 Resp: 307828
Ion Ratio Lower Upper
164 100
166 128.8 103.9 155.9
129 88.8 71.1 106.7
131 87.5 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.252 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

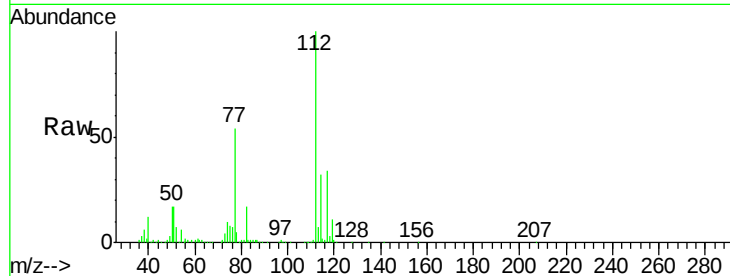
VN0318WBS01

Tot Ion:112 Resp: 747570

Ion Ratio Lower Upper

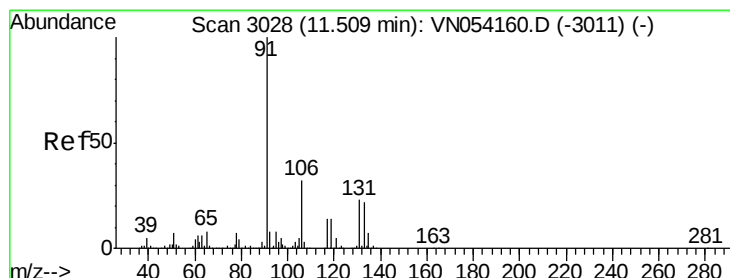
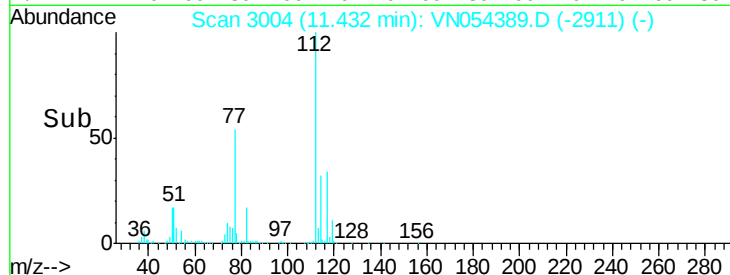
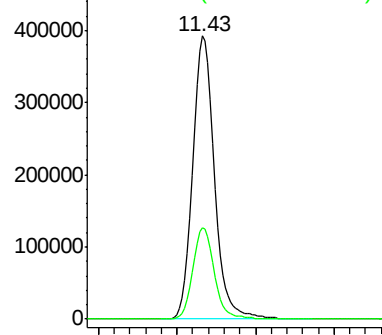
112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.716 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

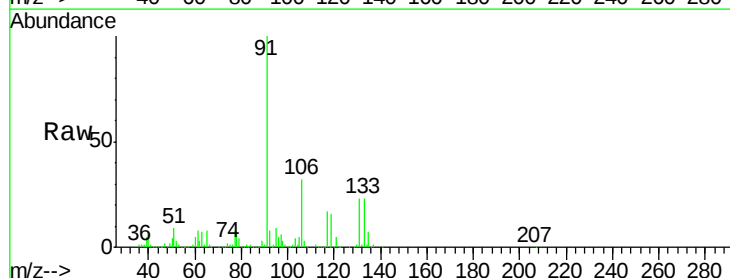
Tgt Ion:131 Resp: 264725

Ion Ratio Lower Upper

131 100

133 96.8 47.6 142.9

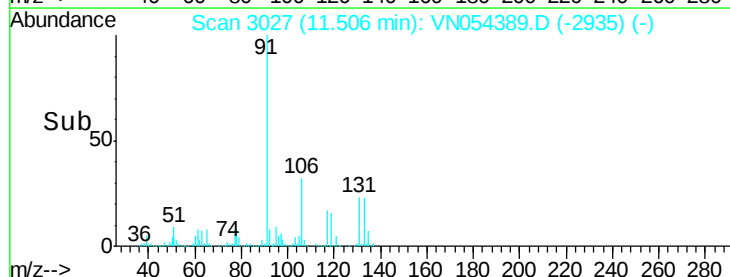
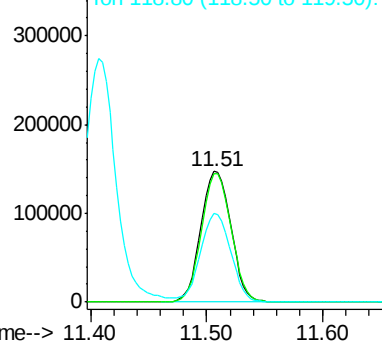
119 68.3 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

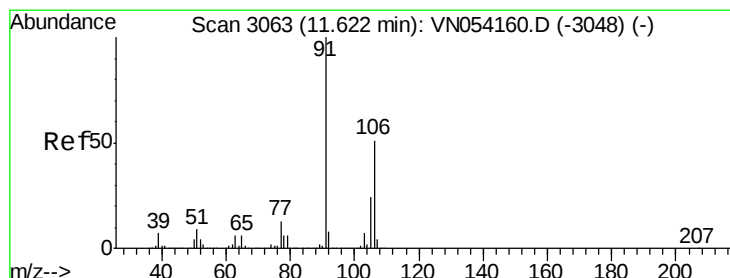
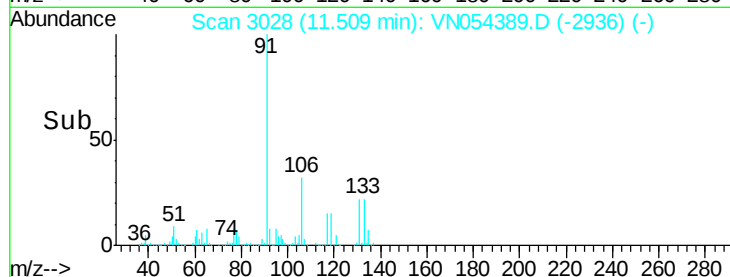
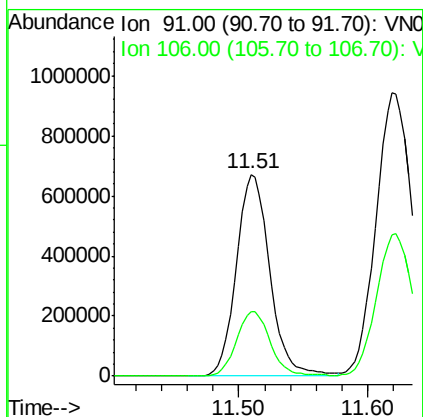
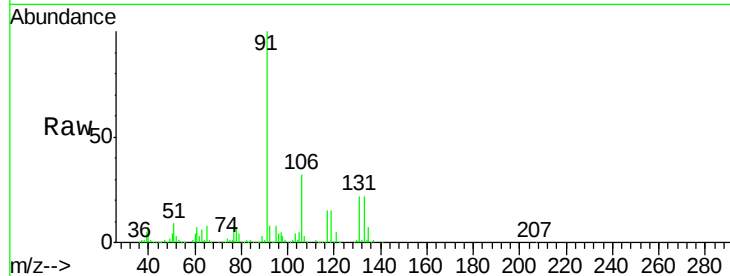




#67
Ethyl Benzene
Concen: 20.787 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

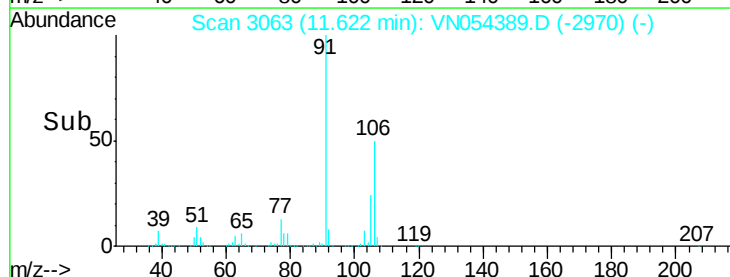
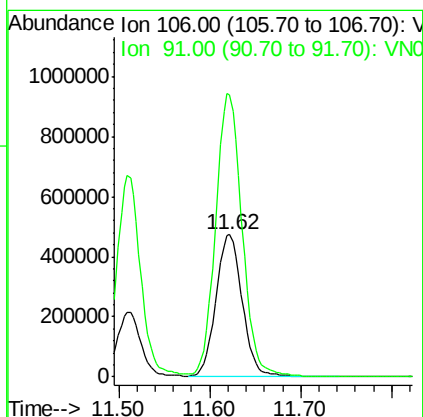
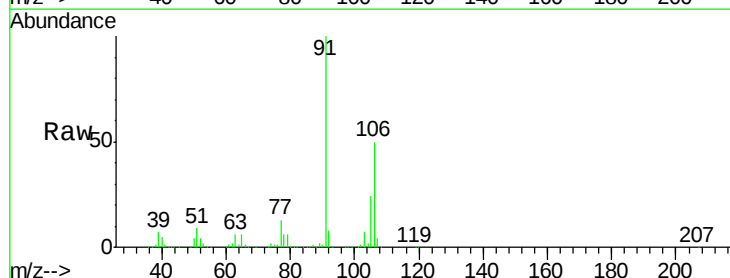
Instrument :
MSVOA_N
ClientSampled :
VN0318WBS01

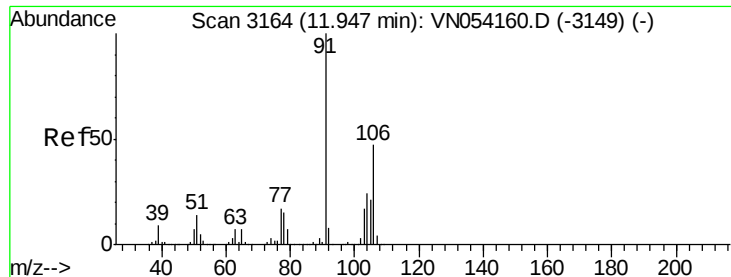
Tot Ion: 91 Resp: 1212118
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 41.895 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion: 106 Resp: 954809
Ion Ratio Lower Upper
106 100
91 199.6 159.4 239.2

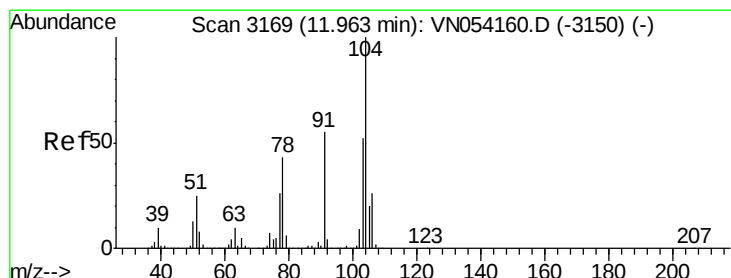
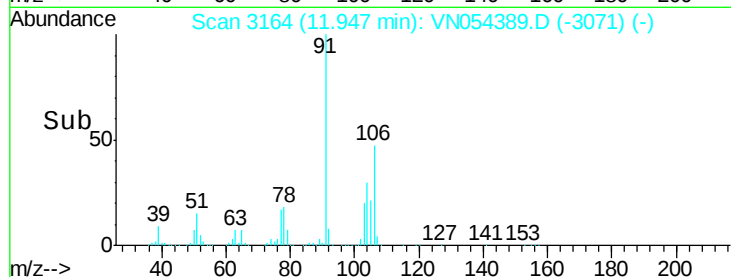
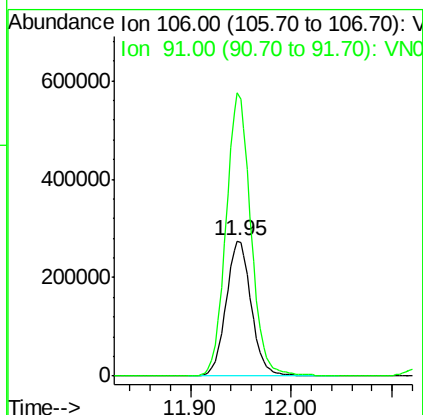
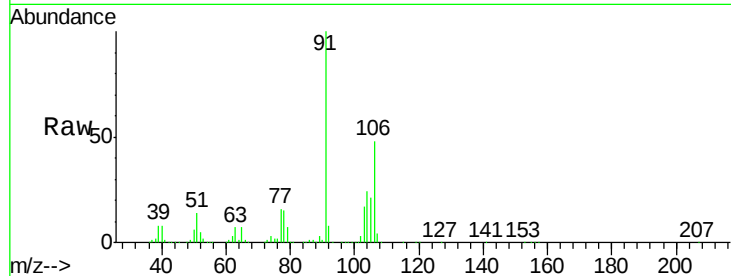




#69
o-Xylene
Concen: 21.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

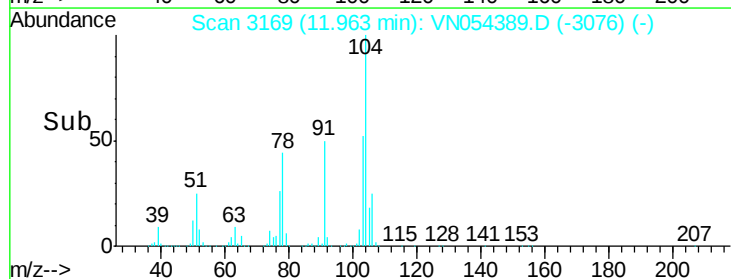
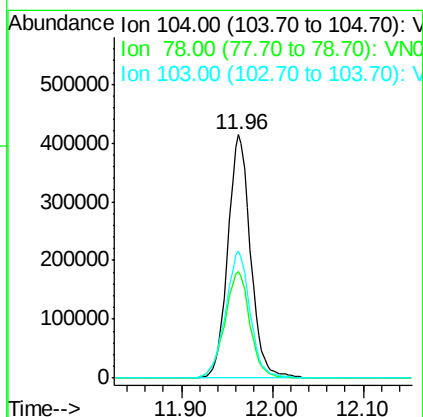
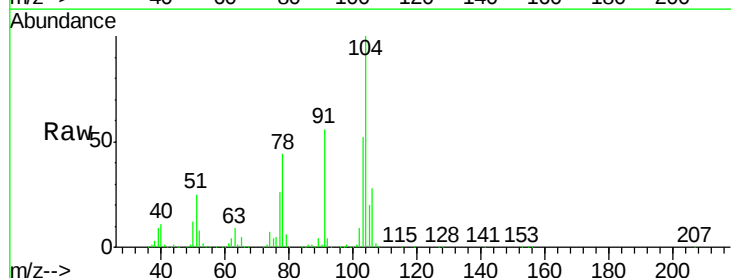
Instrument :
MSVOA_N
ClientSampled :
VN0318WBS01

Tot Ion:106 Resp: 479349
Ion Ratio Lower Upper
106 100
91 207.2 105.7 317.1



#70
Styrene
Concen: 20.646 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054389.D
Acq: 18 Mar 2019 13:05

Tgt Ion:104 Resp: 719369
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.2
103 56.6 44.4 66.6





#71

Bromoform

Concen: 17.598 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

VN0318WBS01

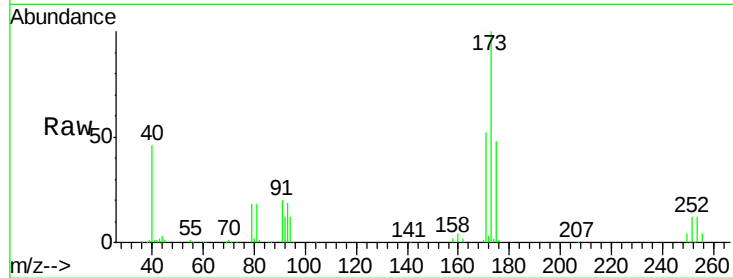
Tot Ion:173 Resp: 155849

Ion Ratio Lower Upper

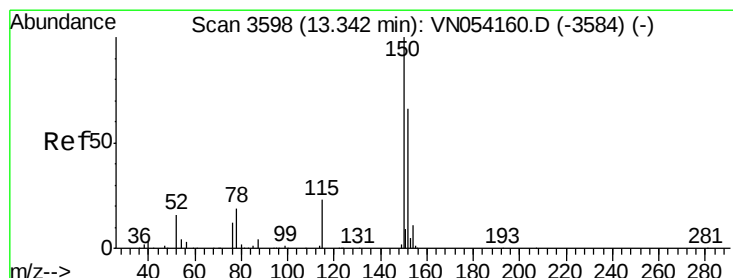
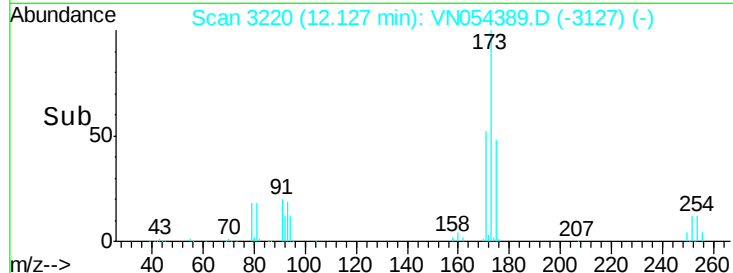
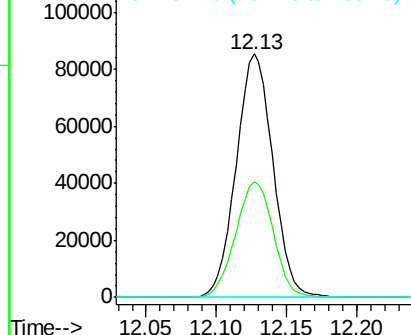
173 100

175 48.8 24.4 73.2

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

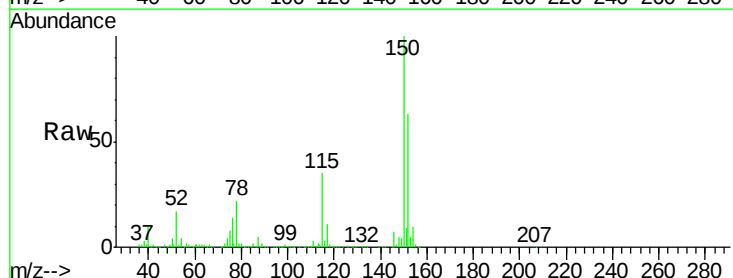
Tgt Ion:152 Resp: 687343

Ion Ratio Lower Upper

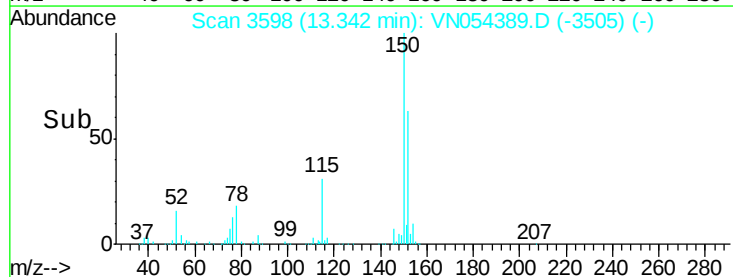
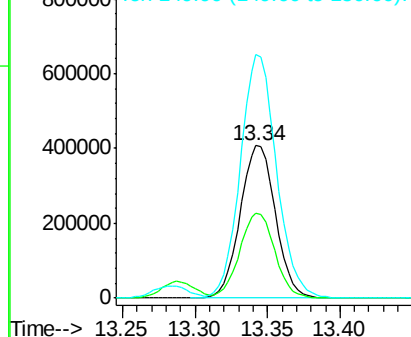
152 100

115 55.4 27.2 81.6

150 164.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.308 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

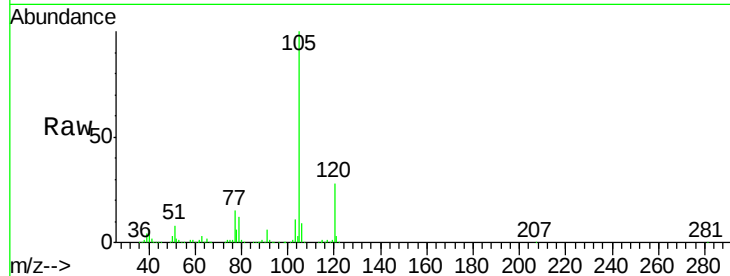
VN0318WBS01

Tot Ion:105 Resp: 1226767

Ion Ratio Lower Upper

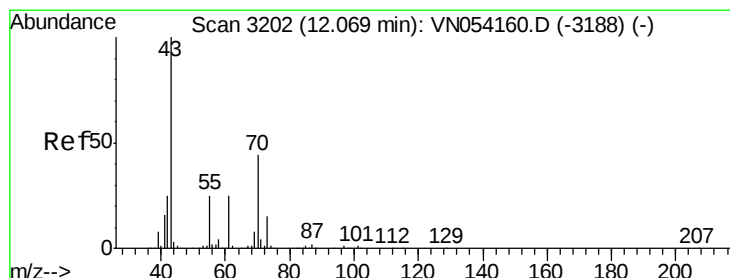
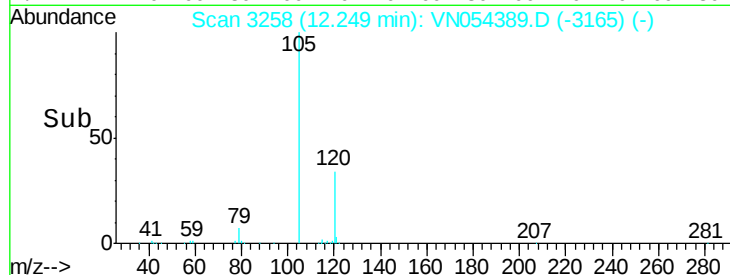
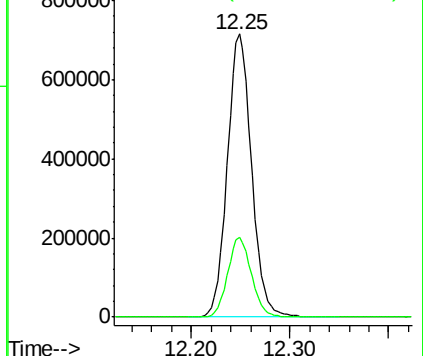
105 100

120 27.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.128 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Tgt Ion: 43 Resp: 257891

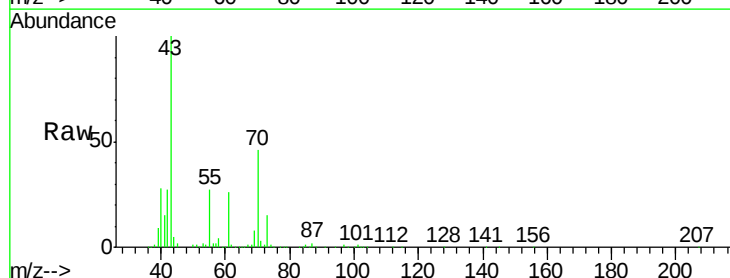
Ion Ratio Lower Upper

43 100

70 46.5 35.4 53.0

55 27.2 19.8 29.6

61 25.9 19.8 29.6

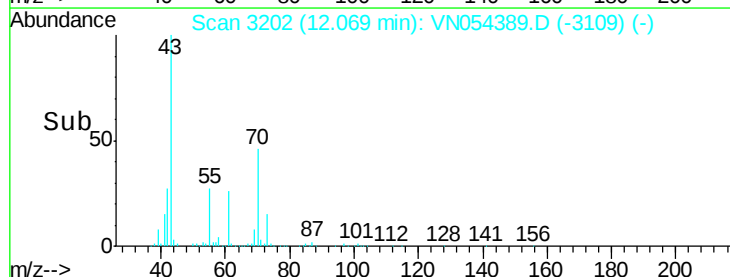
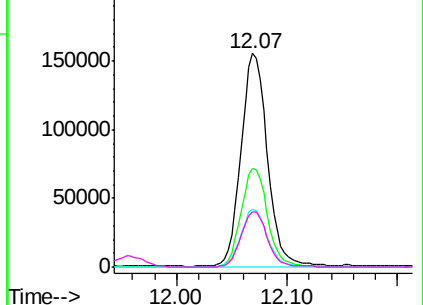


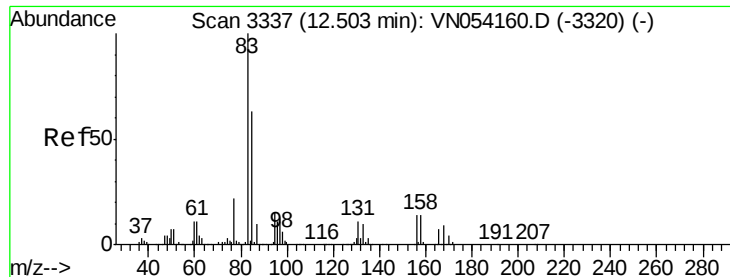
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.981 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

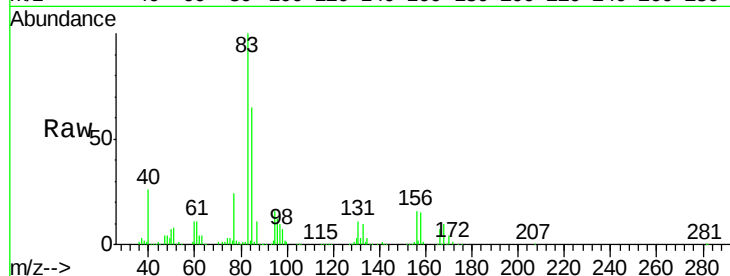
Tot Ion: 83 Resp: 280972

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

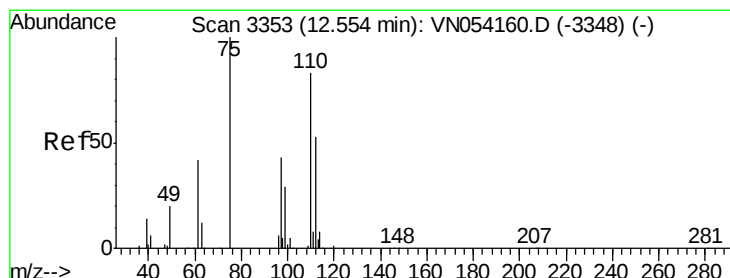
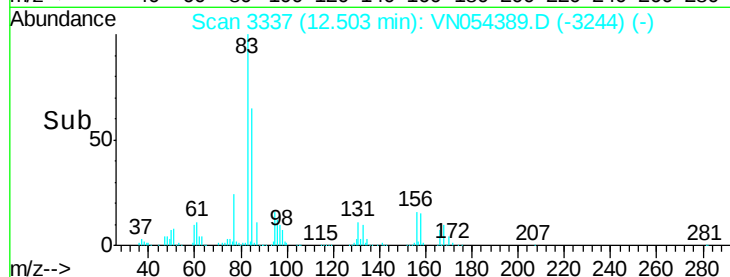
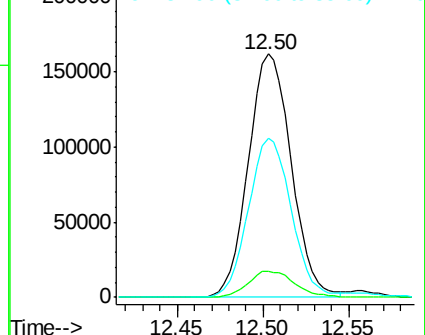
85 65.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.180 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054389.D

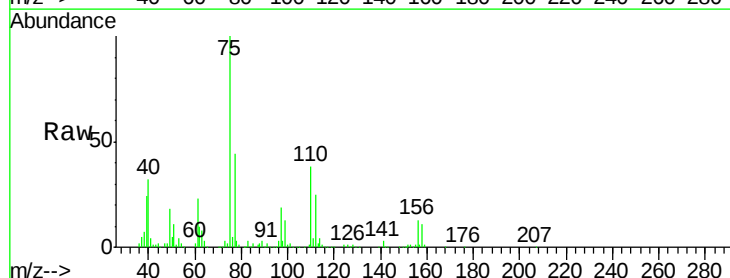
Acq: 18 Mar 2019 13:05

Tgt Ion: 75 Resp: 315157

Ion Ratio Lower Upper

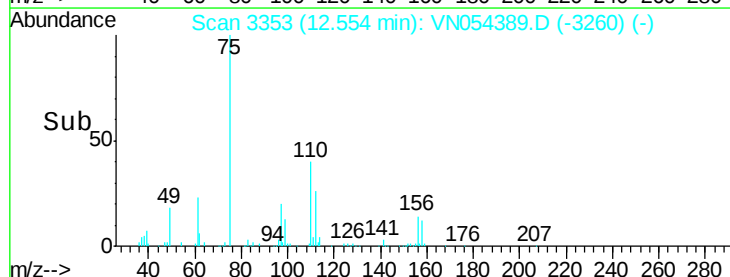
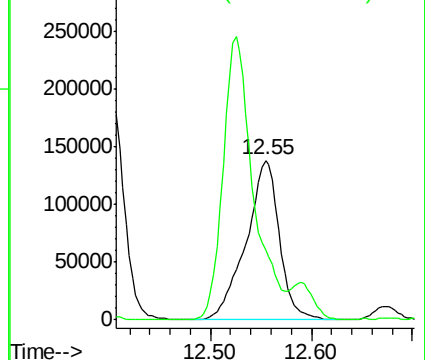
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 24.058 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS01

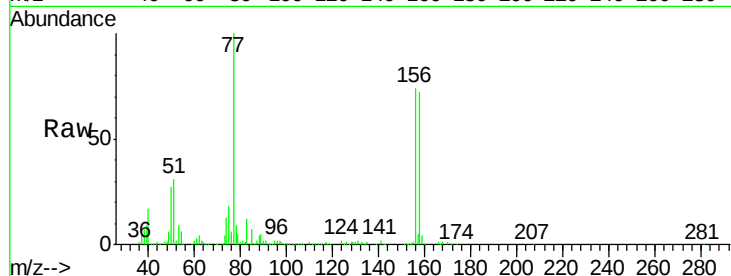
Tot Ion:156 Resp: 350082

Ion Ratio Lower Upper

156 100

77 146.8 81.5 244.4

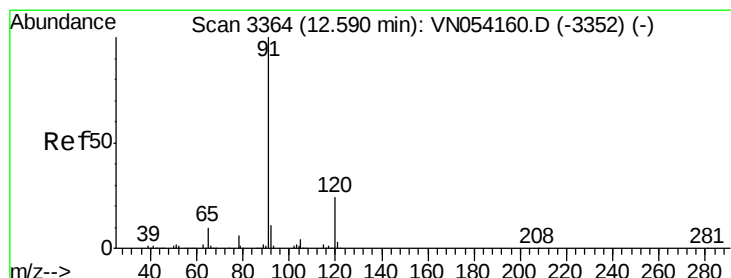
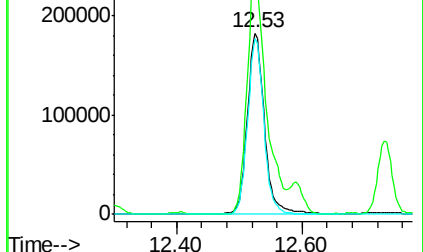
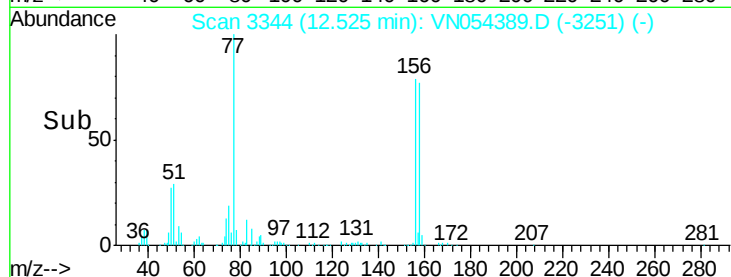
158 90.4 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.688 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054389.D

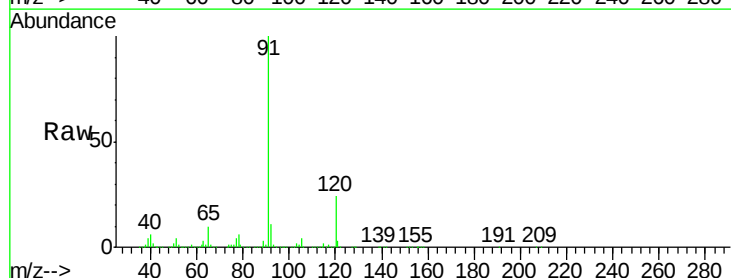
Acq: 18 Mar 2019 13:05

Tgt Ion: 91 Resp: 1294095

Ion Ratio Lower Upper

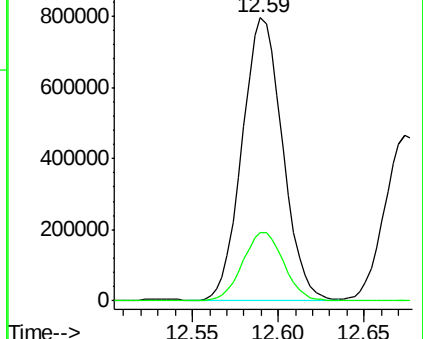
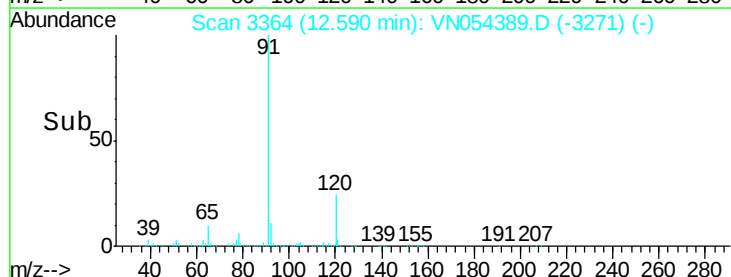
91 100

120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.386 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

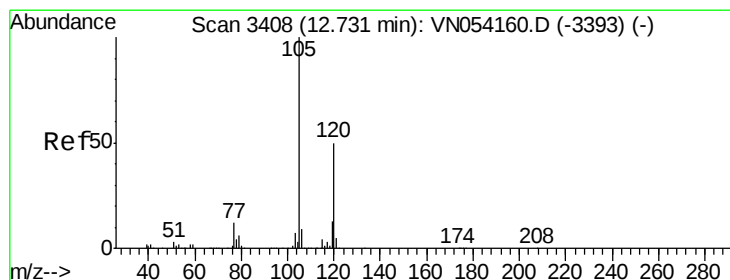
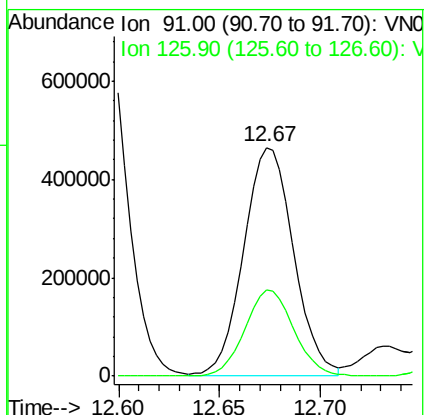
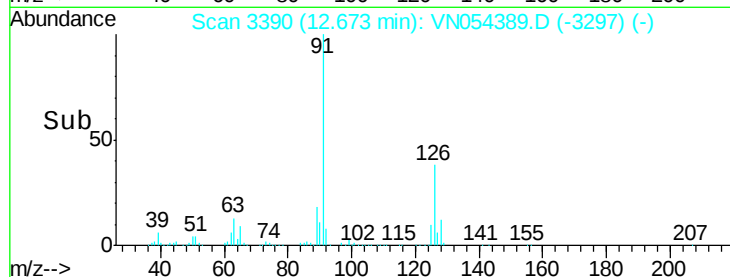
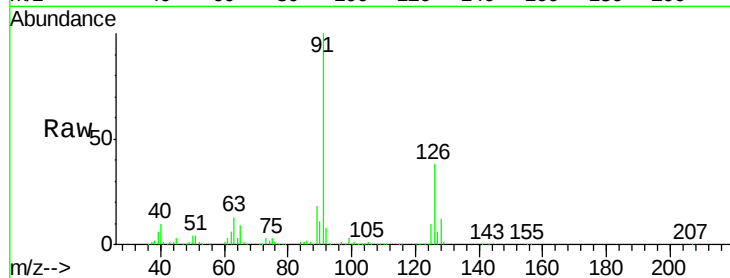
VN0318WBS01

Tot Ion: 91 Resp: 803153

Ion Ratio Lower Upper

91 100

126 37.5 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 21.506 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054389.D

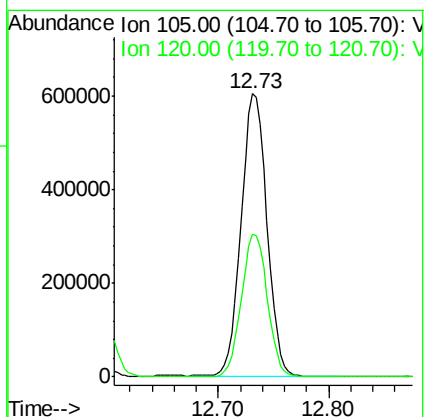
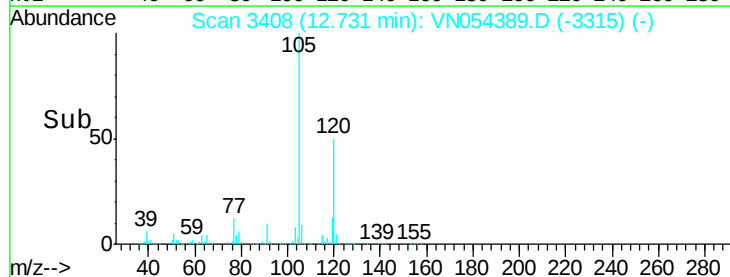
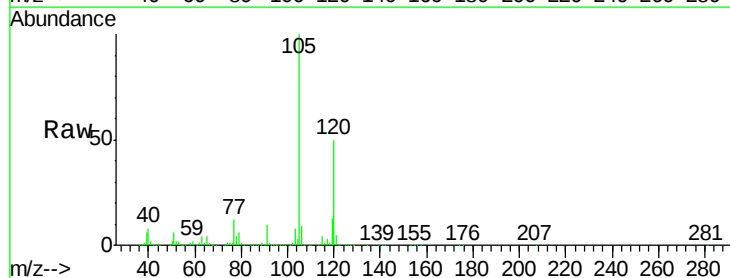
Acq: 18 Mar 2019 13:05

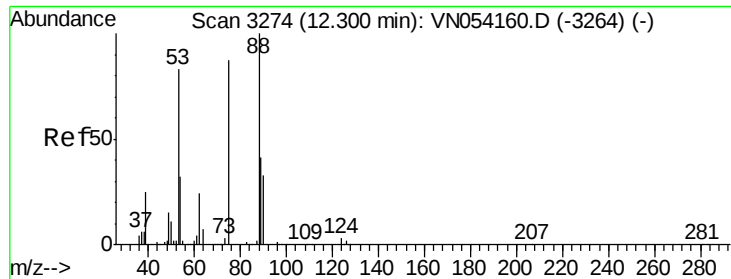
Tgt Ion: 105 Resp: 983706

Ion Ratio Lower Upper

105 100

120 50.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 14.408 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

VN0318WBS01

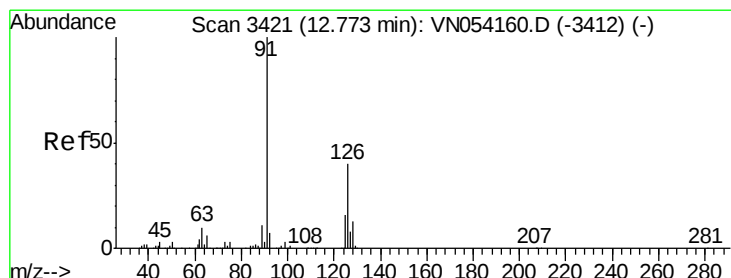
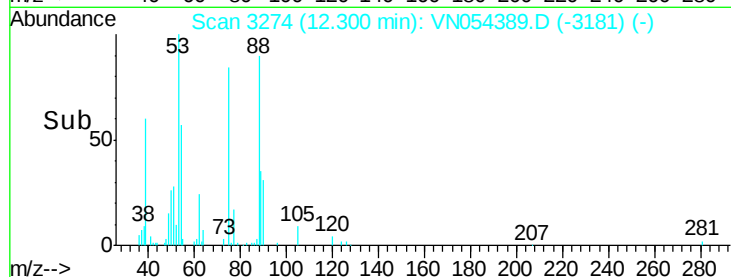
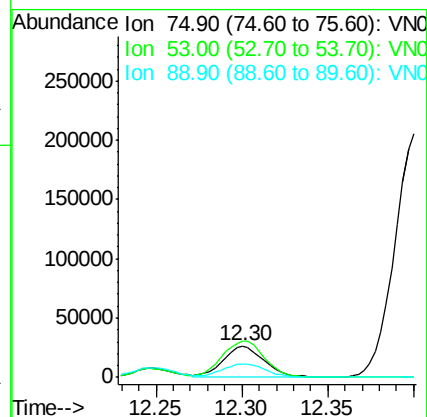
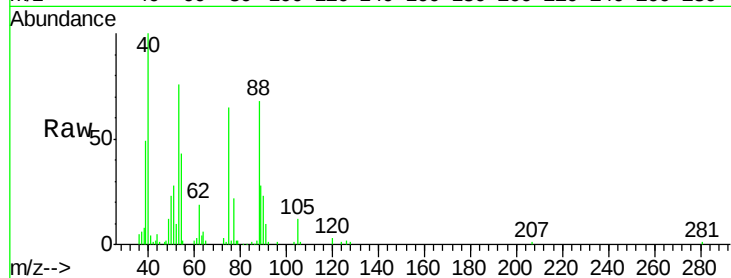
Tot Ion: 75 Resp: 42601

Ion Ratio Lower Upper

75 100

53 121.9 76.2 114.2#

89 46.8 39.2 58.8



#82

4-Chlorotoluene

Concen: 21.655 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054389.D

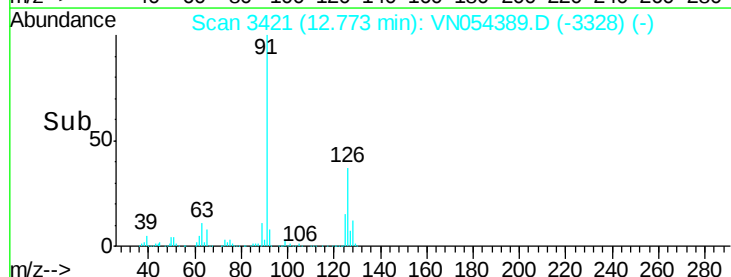
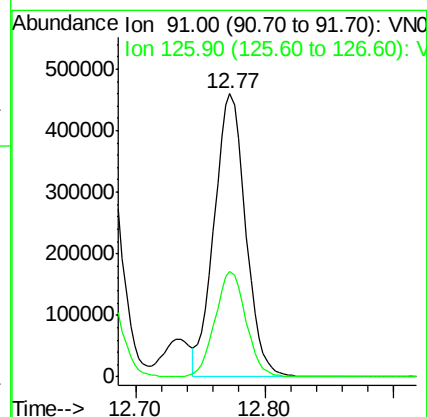
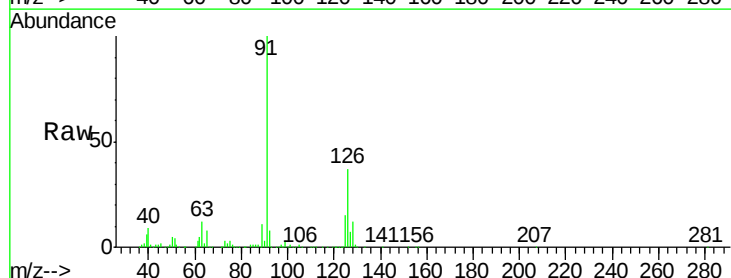
Acq: 18 Mar 2019 13:05

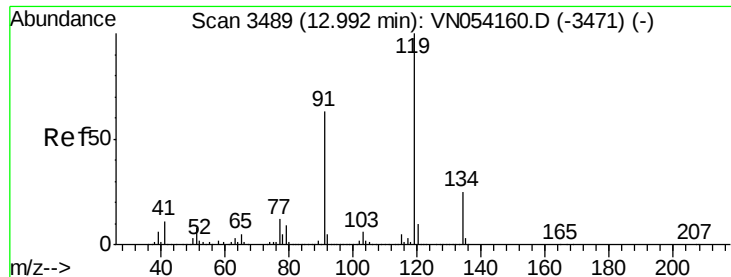
Tgt Ion: 91 Resp: 775786

Ion Ratio Lower Upper

91 100

126 36.8 18.1 54.1

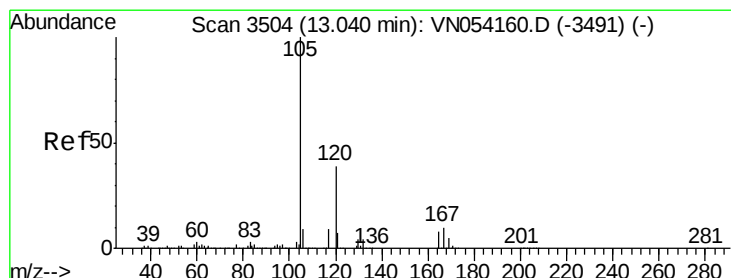
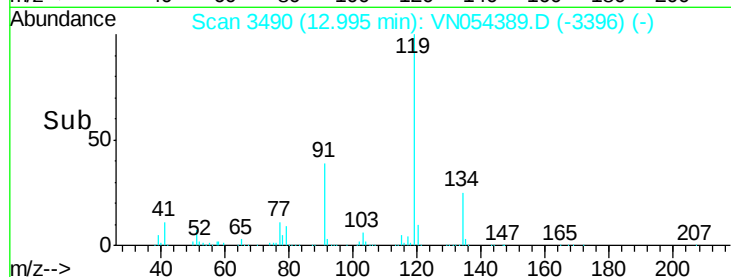
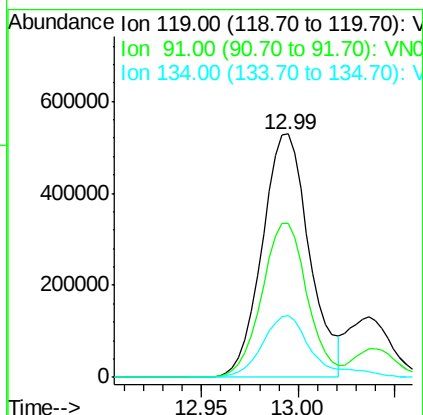
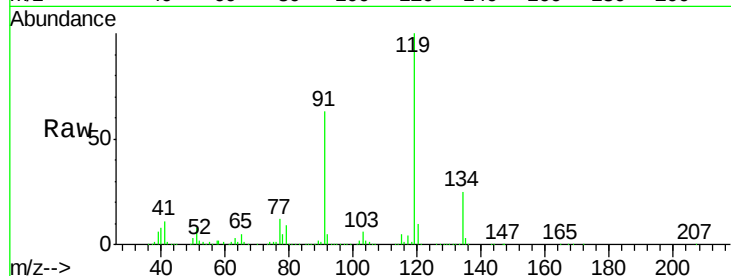




#83
 tert-Butylbenzene
 Concen: 21.425 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

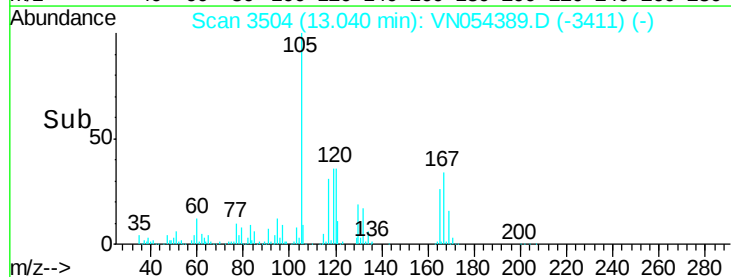
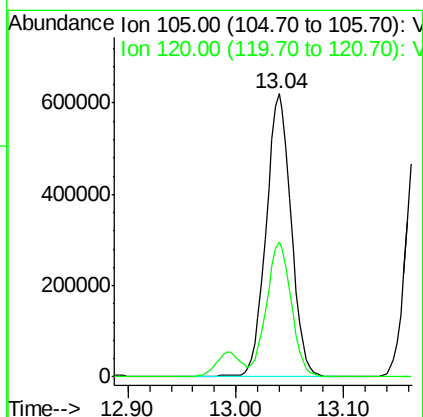
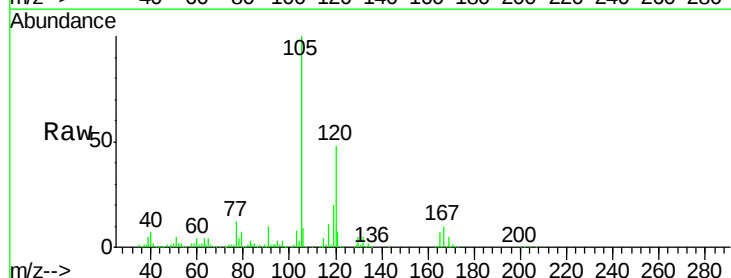
Instrument :
 MSVOA_N
 ClientSampled :
 VN0318WBS01

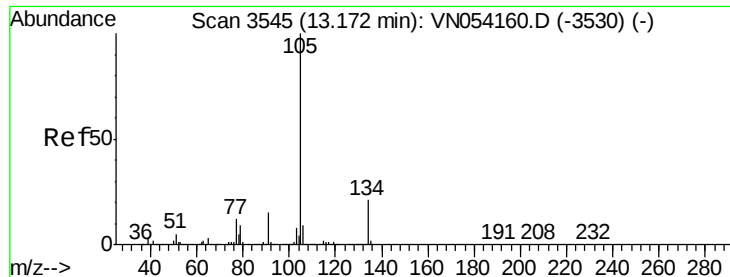
Tot Ion:119 Resp: 902057
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.9 92.8
 134 26.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.155 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion:105 Resp: 994189
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.344 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

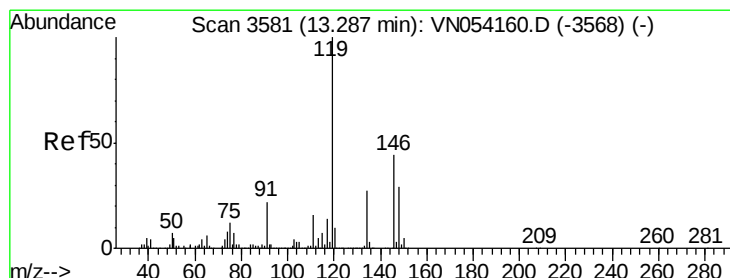
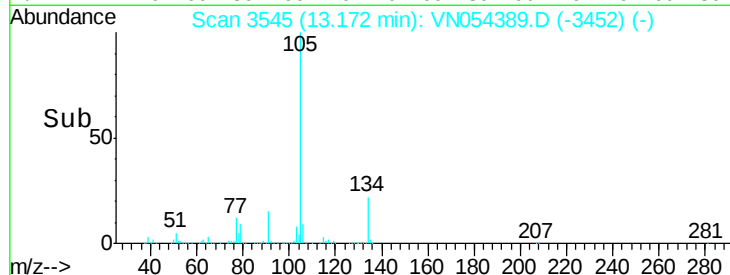
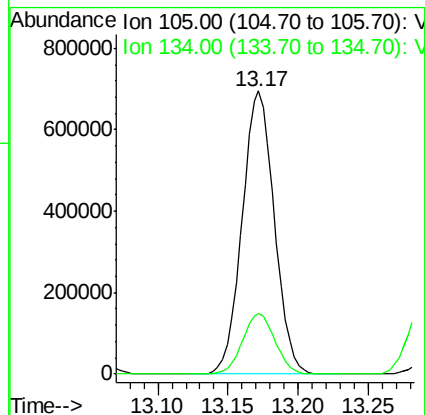
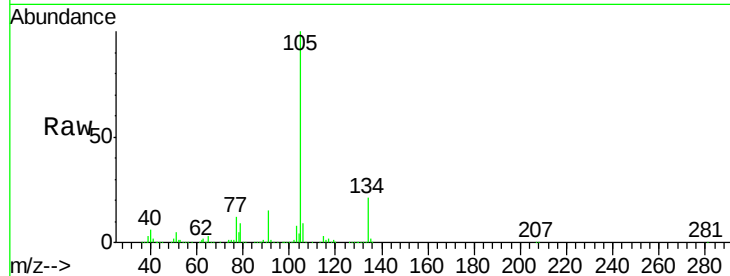
VN0318WBS01

Tot Ion:105 Resp: 1110795

Ion Ratio Lower Upper

105 100

134 21.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 19.768 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

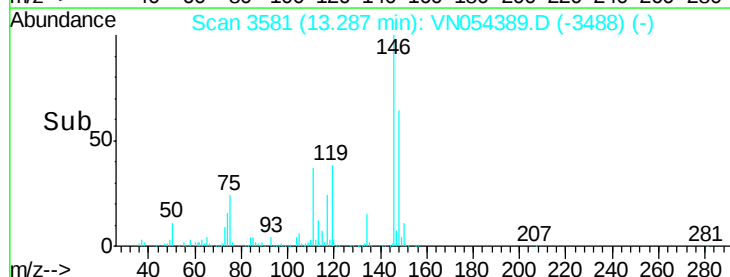
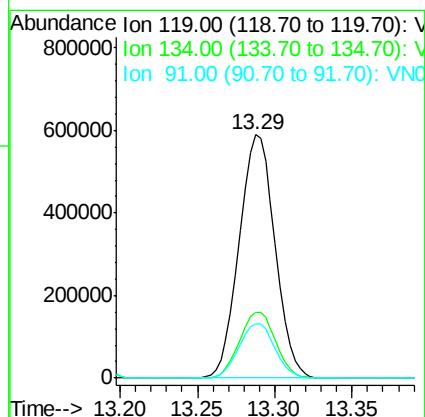
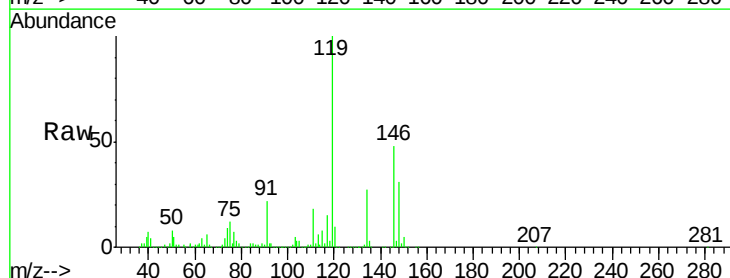
Tgt Ion:119 Resp: 946903

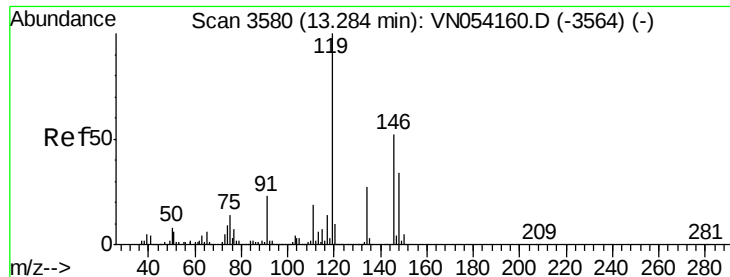
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 21.446 ug/l

RT: 13.28 min Scan# 3579

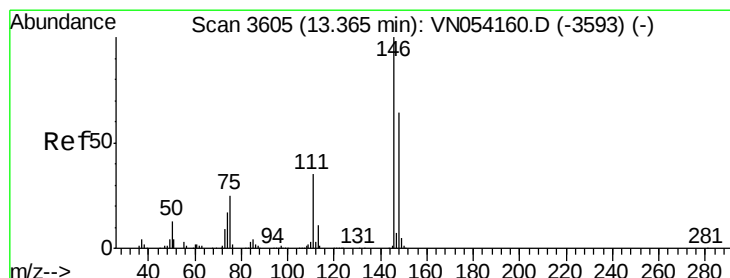
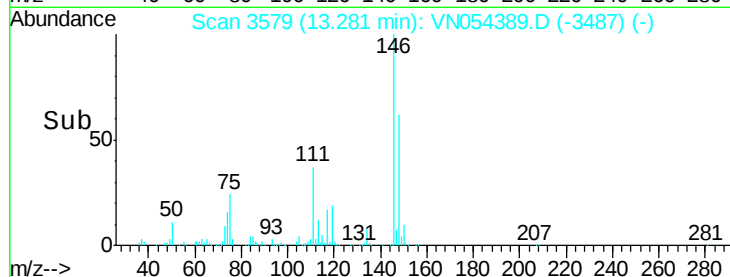
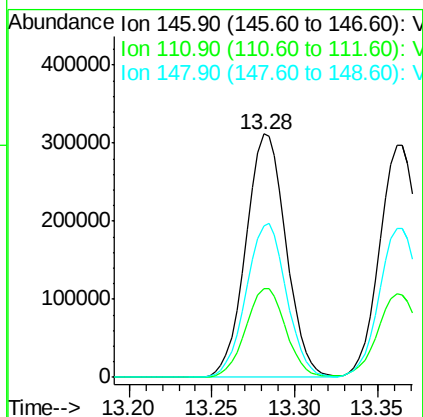
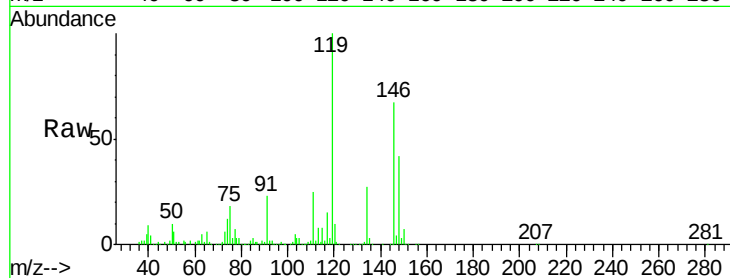
Delta R.T. -0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :
MSVOA_N
ClientSampled :
VN0318WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.8	56.3
148	63.4	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 20.912 ug/l

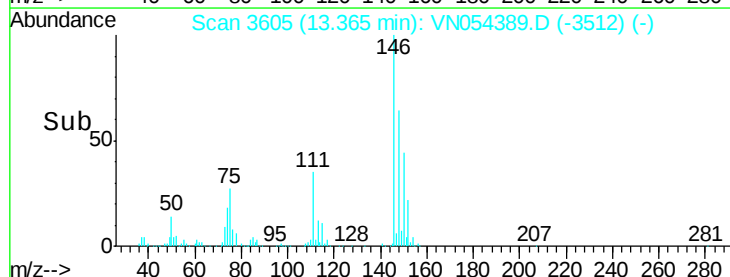
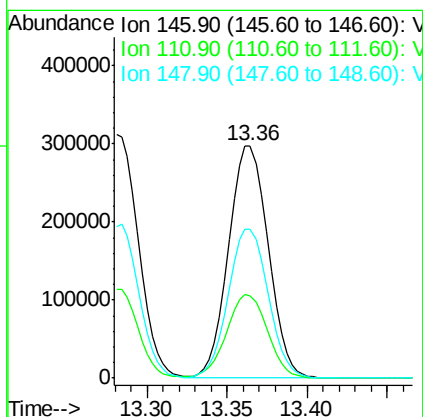
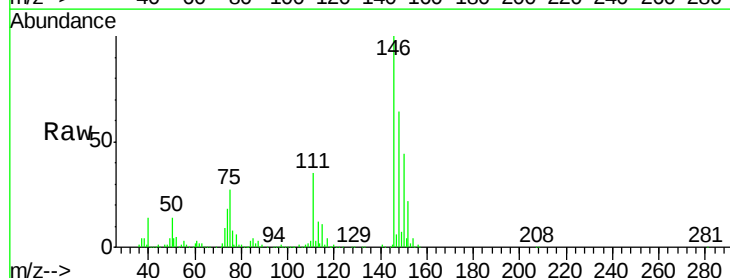
RT: 13.36 min Scan# 3605

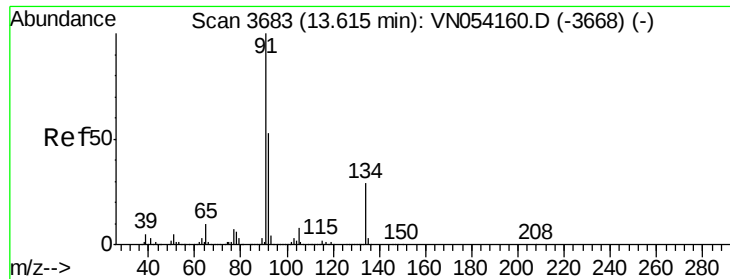
Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.8	32.0	96.0





#89

n-Butylbenzene

Concen: 18.069 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

VN0318WBS01

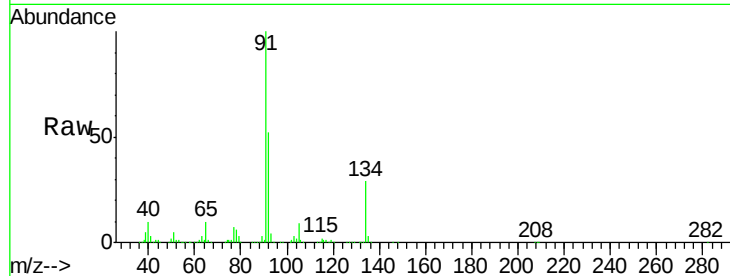
Tot Ion: 91 Resp: 657641

Ion Ratio Lower Upper

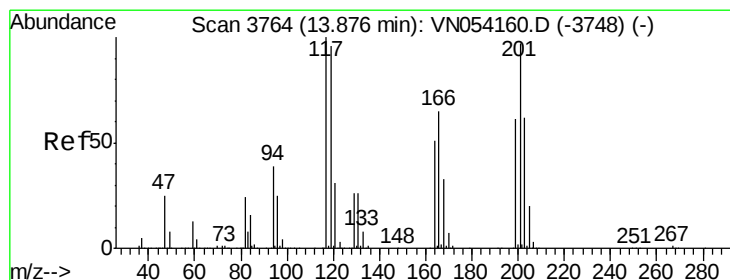
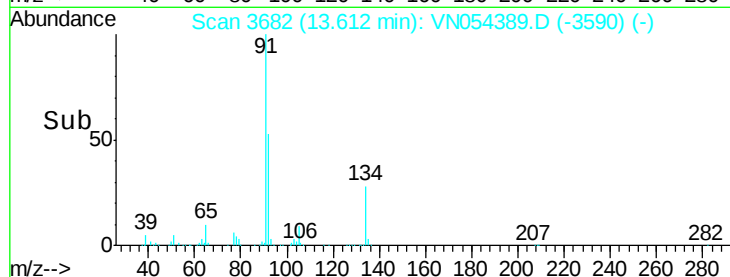
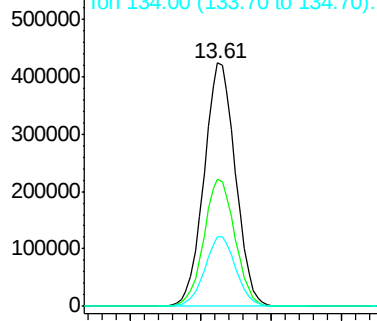
91 100

92 52.1 26.2 78.6

134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)



#90

Hexachloroethane

Concen: 18.102 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054389.D

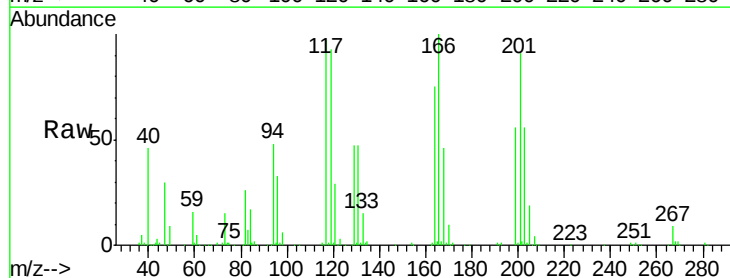
Acq: 18 Mar 2019 13:05

Tgt Ion: 117 Resp: 143584

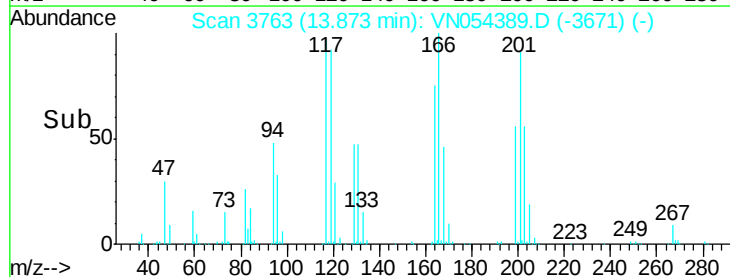
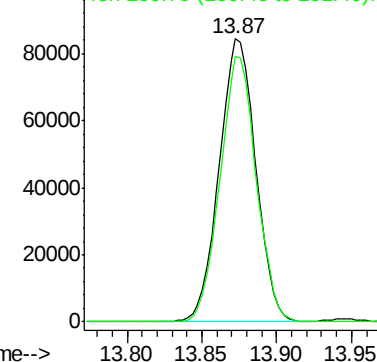
Ion Ratio Lower Upper

117 100

201 92.8 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

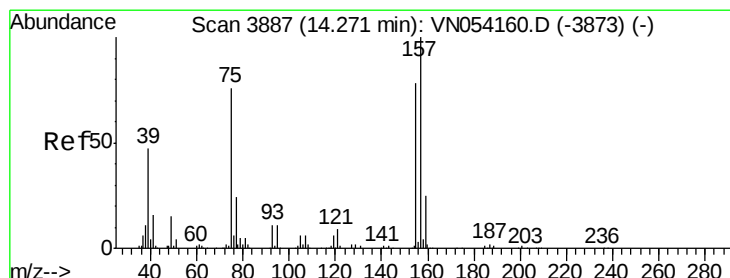
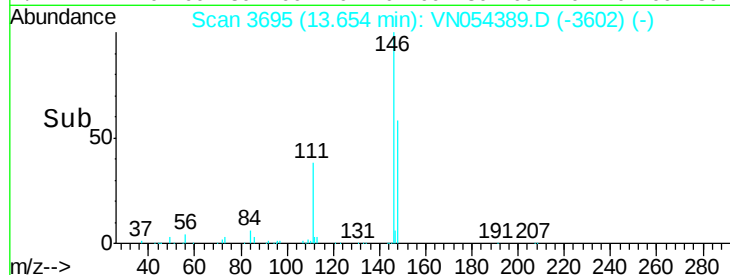
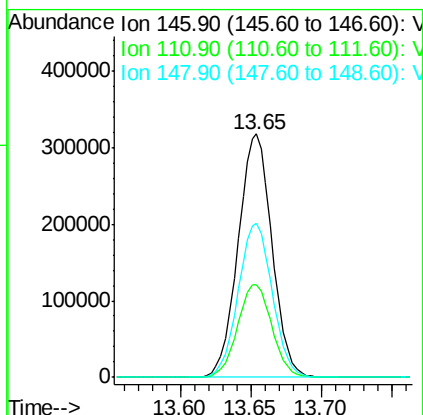
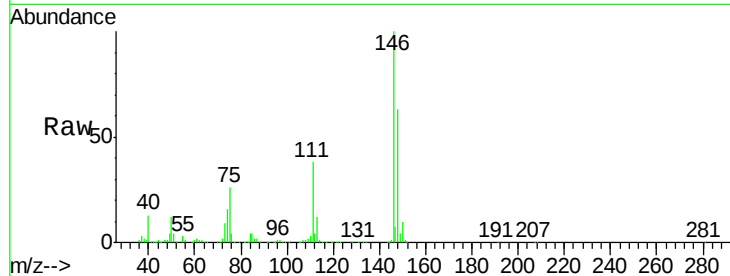




#91
 1,2-Dichlorobenzene
 Concen: 22.272 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

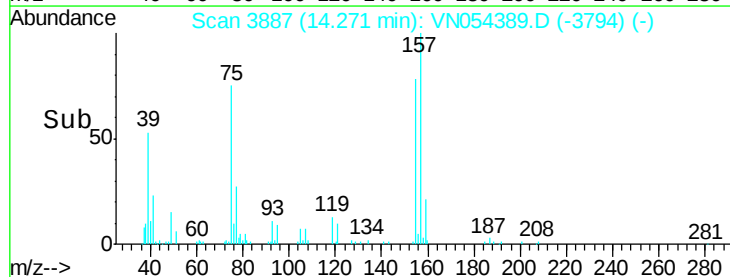
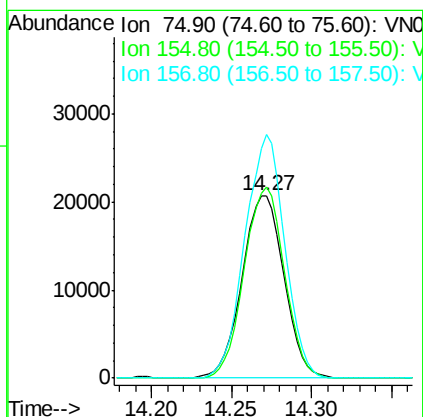
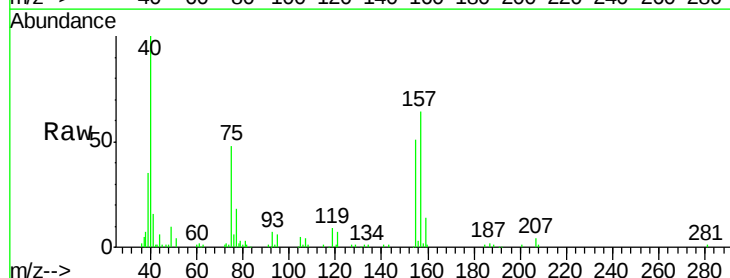
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

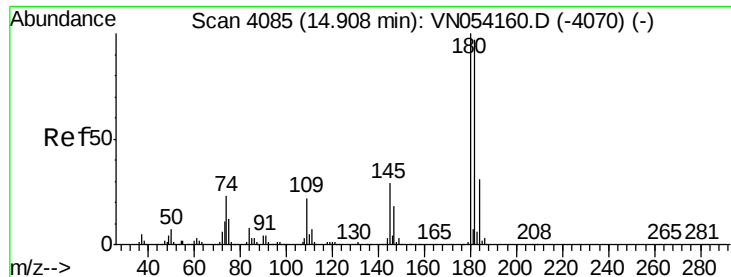
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	63.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.457 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	50.1	150.3
157	126.6	63.1	189.3

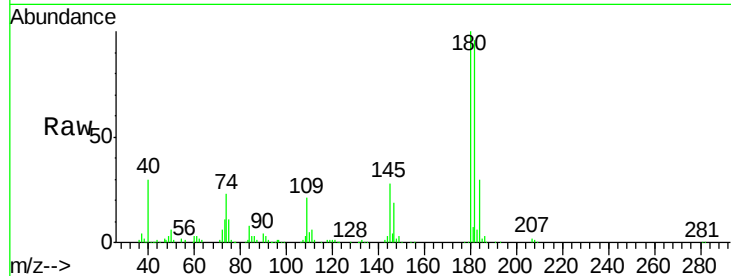




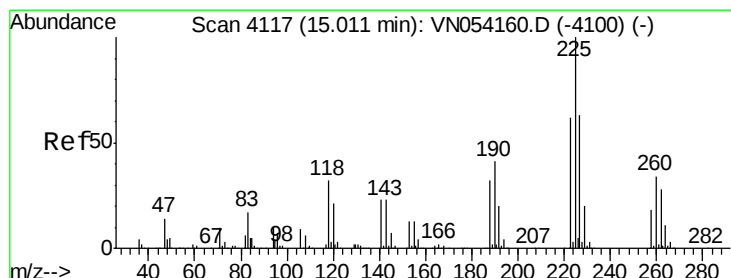
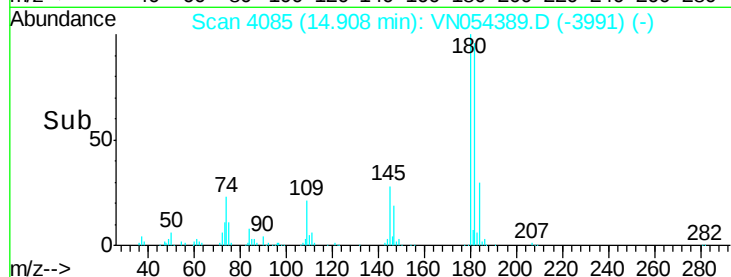
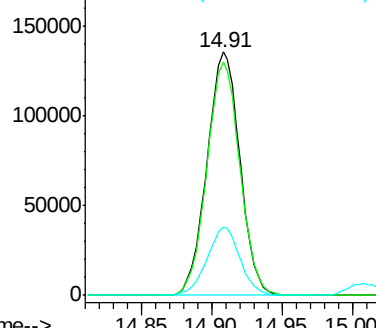
#93
 1,2,4-Trichlorobenzene
 Concen: 17.131 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	28.0	14.2	42.8

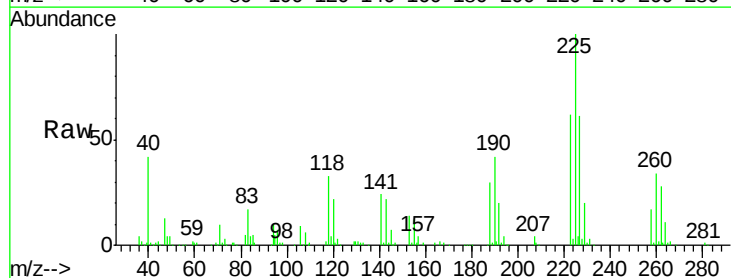


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

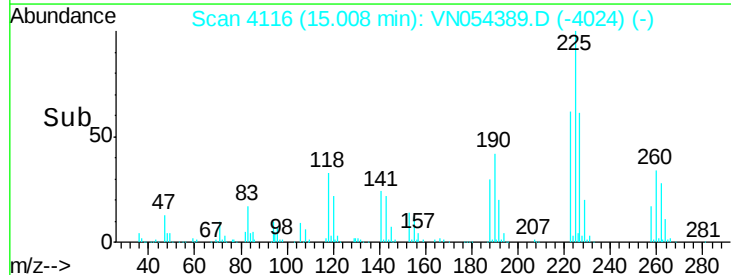
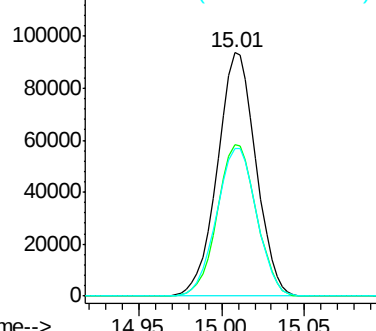


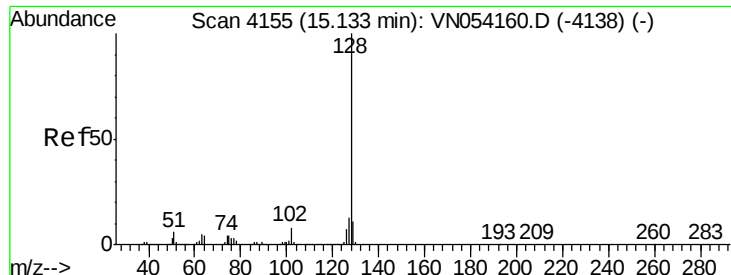
#94
 Hexachlorobutadiene
 Concen: 16.526 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054389.D
 Acq: 18 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.5
227	63.2	31.9	95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.204 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Instrument :

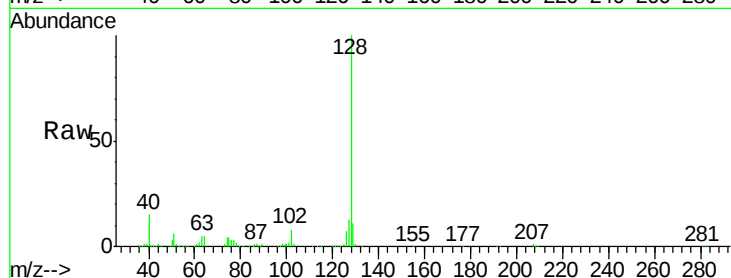
MSVOA_N

ClientSampleId :

VN0318WBS01

Tot Ion:128 Resp: 509715

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.8	8.7	13.1

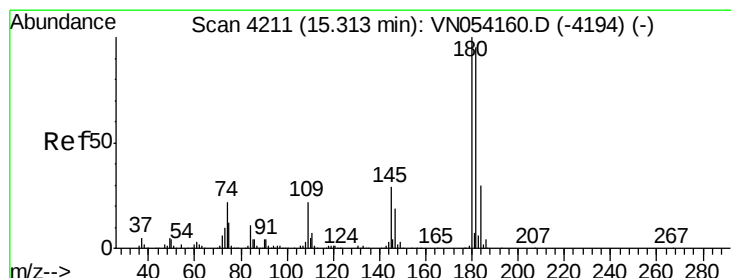
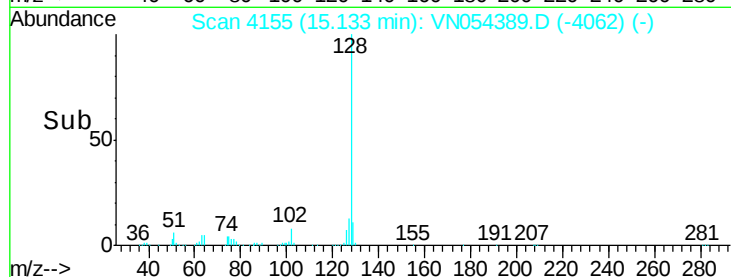
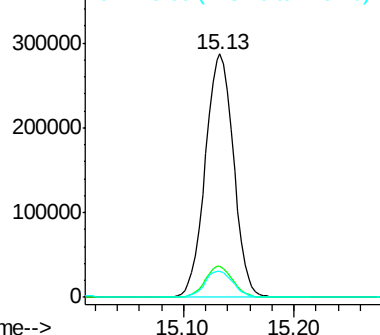


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.264 ug/l

RT: 15.31 min Scan# 4211

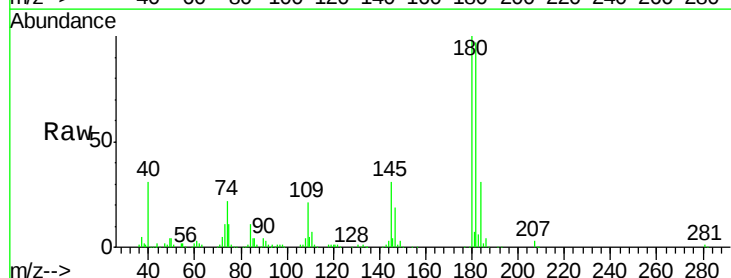
Delta R.T. 0.00 min

Lab File: VN054389.D

Acq: 18 Mar 2019 13:05

Tgt Ion:180 Resp: 232618

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	30.3	14.8	44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

