

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054034.D
 Acq On : 1 Mar 2019 17:28
 Operator : JC/SP
 Sample : VN0302WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Quant Time: Mar 02 04:44:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	605627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1030860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	376973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	388431	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.59	113	337953	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1241849	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	401475	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	112614	20.204	ug/l	99
3) Chloromethane	2.06	50	165758	21.440	ug/l	99
4) Vinyl Chloride	2.19	62	164508	21.237	ug/l	100
5) Bromomethane	2.57	94	104245	20.320	ug/l	97
6) Chloroethane	2.71	64	99350	20.622	ug/l	100
7) Trichlorofluoromethane	3.02	101	205185	20.734	ug/l	98
8) Diethyl Ether	3.41	74	79877	21.544	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	129211	20.673	ug/l	93
10) Methyl Iodide	3.95	142	170292	20.735	ug/l	97
11) Tert butyl alcohol	4.78	59	46440	103.188	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	122068	20.418	ug/l	88
13) Acrolein	3.61	56	41977	90.088	ug/l	99
14) Allyl chloride	4.33	41	231235	22.052	ug/l	95
15) Acrylonitrile	4.99	53	258640	109.039	ug/l	99
16) Acetone	3.82	43	219465	109.972	ug/l	96
17) Carbon Disulfide	4.06	76	370914	19.232	ug/l	99
18) Methyl Acetate	4.32	43	118189	23.809	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	347929	21.694	ug/l	97
20) Methylene Chloride	4.55	84	147582	21.004	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	134300	20.755	ug/l	93
22) Diisopropyl ether	5.95	45	458737	22.677	ug/l	93
23) Vinyl Acetate	5.90	43	1568283	107.768	ug/l	94
24) 1,1-Dichloroethane	5.85	63	266971	21.521	ug/l	99
25) 2-Butanone	6.84	43	301323	108.097	ug/l	92
26) 2,2-Dichloropropane	6.83	77	191919	21.776	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	151592	21.066	ug/l	92
28) Bromochloromethane	7.19	49	133591	23.527	ug/l #	81
29) Tetrahydrofuran	7.21	42	198682	107.031	ug/l	91
30) Chloroform	7.37	83	258495	21.490	ug/l	99
31) Cyclohexane	7.65	56	247137	21.536	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	212244	21.400	ug/l	96
36) 1,1-Dichloropropene	7.79	75	192046	20.033	ug/l	97
37) Ethyl Acetate	6.93	43	126904	18.539	ug/l	97
38) Carbon Tetrachloride	7.77	117	182096	18.264	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
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 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	217368	18.812	ug/l	94
40) Benzene	8.04	78	591752	20.093	ug/l	99
41) Methacrylonitrile	7.21	41	193011	43.789	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	186310	20.434	ug/l	97
43) Isopropyl Acetate	8.16	43	219925	19.029	ug/l #	90
44) Trichloroethene	8.84	130	146659	18.784	ug/l	94
45) 1,2-Dichloropropane	9.12	63	161410	20.314	ug/l	98
46) Dibromomethane	9.21	93	90048	19.521	ug/l	92
47) Bromodichloromethane	9.40	83	194173	19.974	ug/l	98
48) Methyl methacrylate	9.20	41	107787	20.275	ug/l	91
49) 1,4-Dioxane	9.20	88	28101	390.272	ug/l #	91
51) 4-Methyl-2-Pentanone	9.98	43	613534	103.305	ug/l	95
52) Toluene	10.16	92	350916	20.236	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	186402	19.707	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	220190	19.747	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	128995	19.918	ug/l	98
56) Ethyl methacrylate	10.43	69	150563	18.992	ug/l	90
57) 1,3-Dichloropropane	10.71	76	217432	19.870	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	334205	93.547	ug/l	95
59) 2-Hexanone	10.75	43	387301	100.268	ug/l	93
60) Dibromochloromethane	10.90	129	138637	19.262	ug/l	99
61) 1,2-Dibromoethane	11.00	107	118800	19.016	ug/l	100
64) Tetrachloroethene	10.63	164	147677	19.599	ug/l	96
65) Chlorobenzene	11.43	112	366180	19.498	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	131899	19.488	ug/l	99
67) Ethyl Benzene	11.51	91	627197	19.922	ug/l	99
68) m/p-Xylenes	11.62	106	483008	40.649	ug/l	97
69) o-Xylene	11.95	106	232538	19.917	ug/l	98
70) Styrene	11.96	104	366116	20.387	ug/l	98
71) Bromoform	12.13	173	88526	18.801	ug/l #	100
73) Isopropylbenzene	12.25	105	612958	20.888	ug/l	98
74) N-amyl acetate	12.07	43	163626	21.275	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	150549	20.516	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	182579	30.192	ug/l #	100
77) Bromobenzene	12.53	156	151244	20.300	ug/l	89
78) n-propylbenzene	12.59	91	699011	20.946	ug/l	97
79) 2-Chlorotoluene	12.67	91	421422	21.021	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	511541	21.293	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	36912	19.292	ug/l	89
82) 4-Chlorotoluene	12.77	91	414545	20.922	ug/l	96
83) tert-Butylbenzene	12.99	119	438666	20.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	501683	20.918	ug/l	99
85) sec-Butylbenzene	13.17	105	595146	20.508	ug/l	98
86) p-Isopropyltoluene	13.29	119	501669	20.449	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	258015	20.019	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	248839	19.901	ug/l	98
89) n-Butylbenzene	13.62	91	411788	19.917	ug/l	98
90) Hexachloroethane	13.87	117	89628	18.853	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	253105	20.287	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21681	20.907	ug/l	83

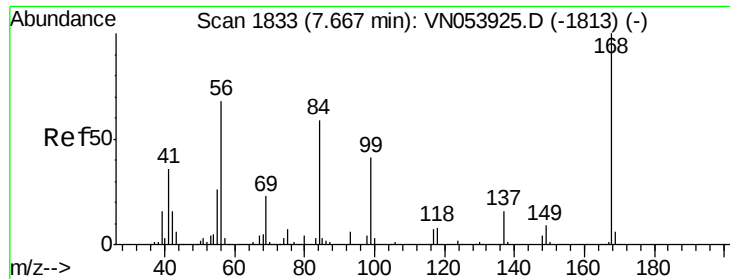
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054034.D
Acq On : 1 Mar 2019 17:28
Operator : JC/SP
Sample : VN0302WBS01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: Mar 02 04:44:41 2019
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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108949	17.247	ug/l	98
94) Hexachlorobutadiene	15.01	225	83050	18.428	ug/l	99
95) Naphthalene	15.13	128	213570	16.601	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	109556	17.528	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

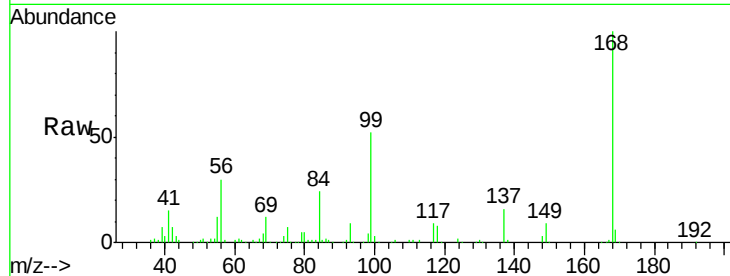
VN0302WBS01

Tot Ion:168 Resp: 605627

Ion Ratio Lower Upper

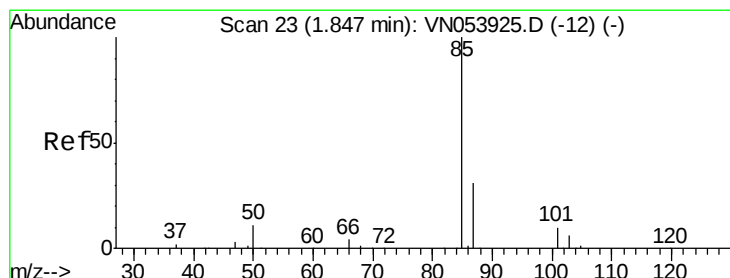
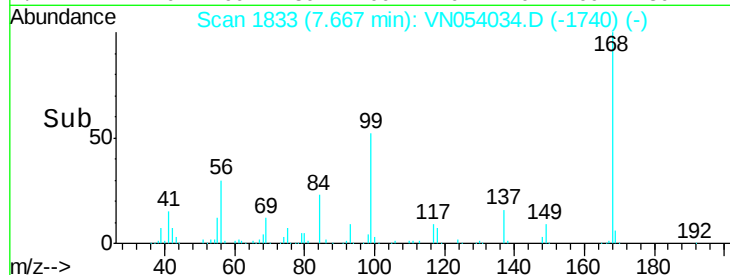
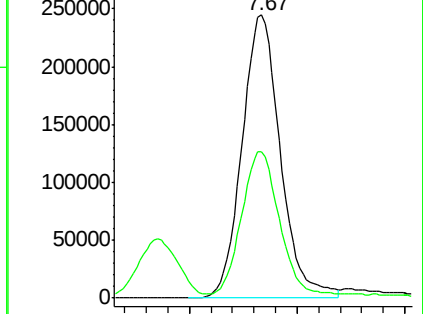
168 100

99 50.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.204 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054034.D

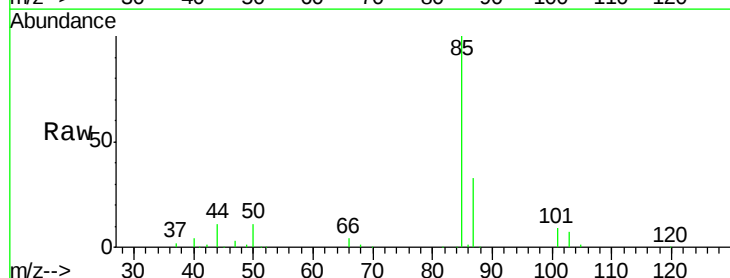
Acq: 1 Mar 2019 17:28

Tgt Ion: 85 Resp: 112614

Ion Ratio Lower Upper

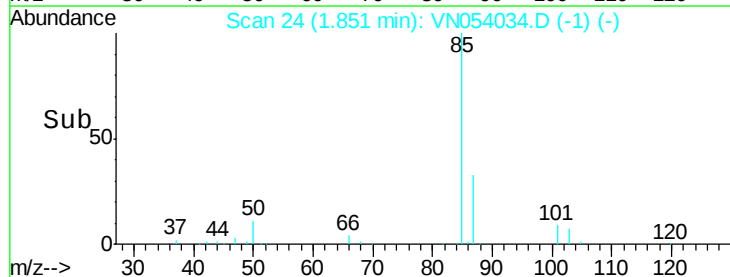
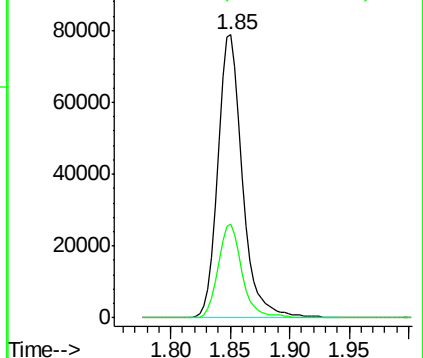
85 100

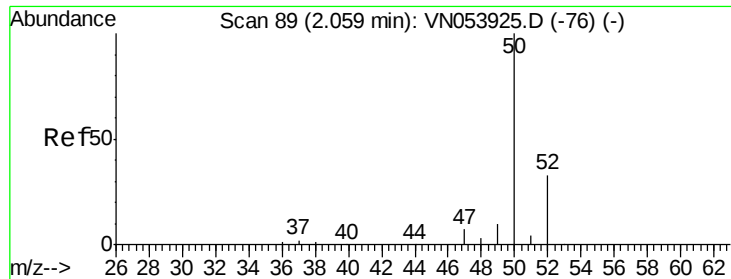
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

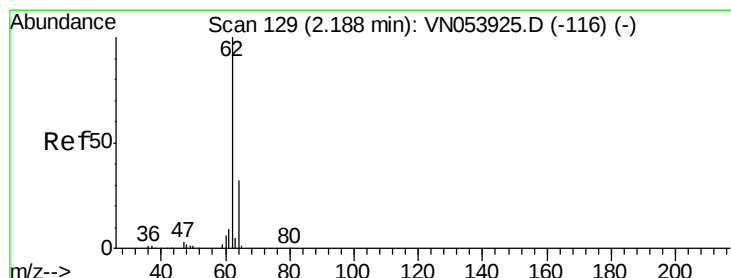
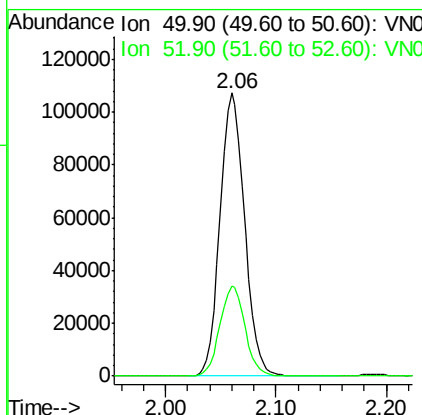
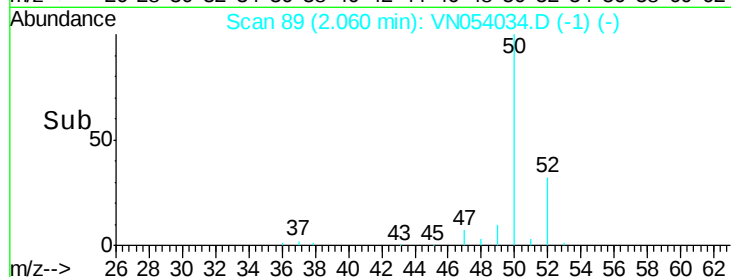
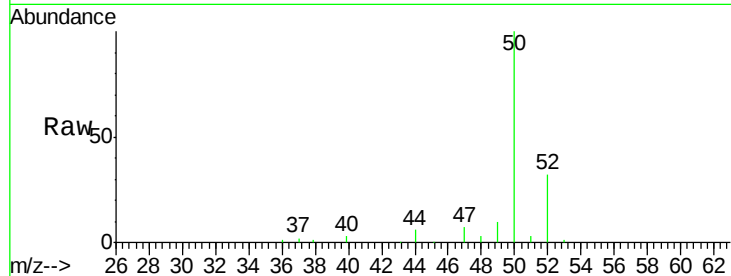




#3
 Chloromethane
 Concen: 21.440 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

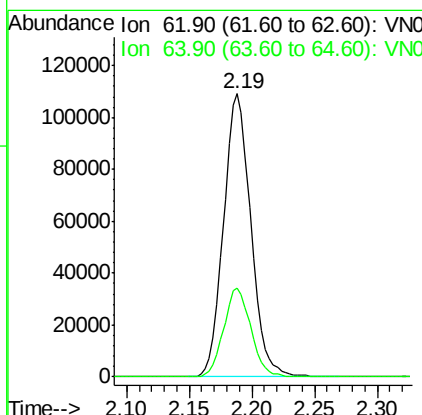
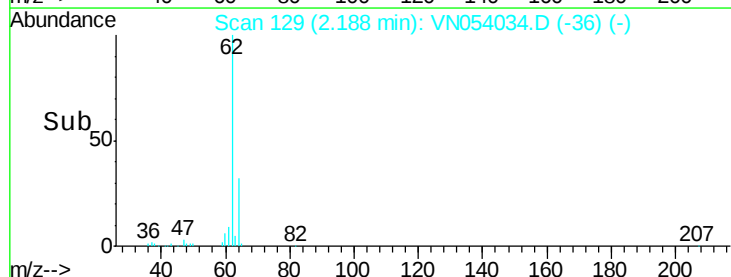
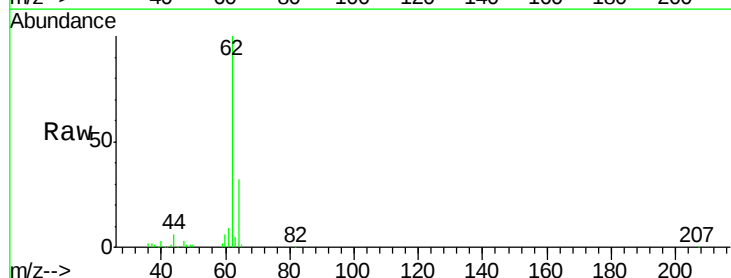
Instrument :
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 ClientSampleId :
 VN0302WBS01

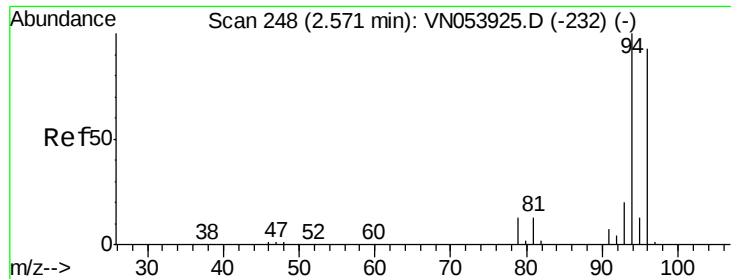
Tot Ion: 50 Resp: 165758
 Ion Ratio Lower Upper
 50 100
 52 31.7 26.0 39.0



#4
 Vinyl Chloride
 Concen: 21.237 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 62 Resp: 164508
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.1 37.7

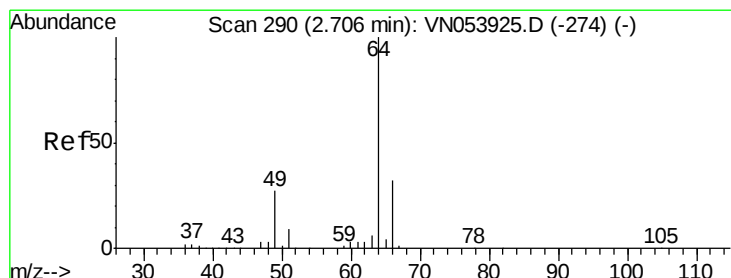
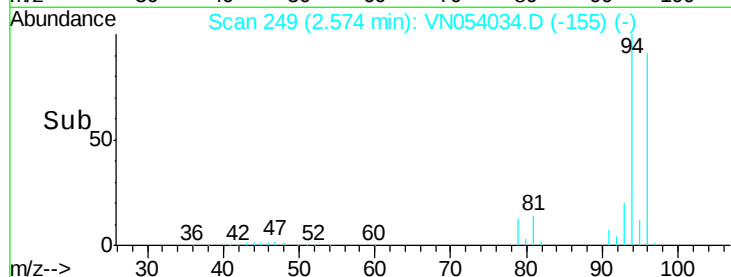
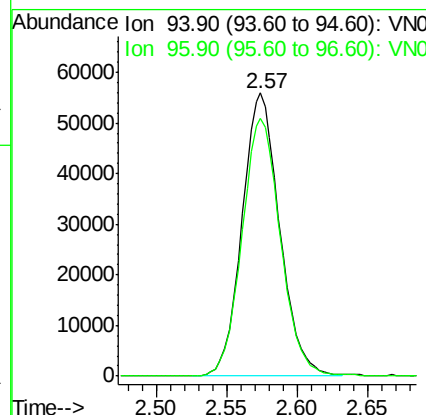
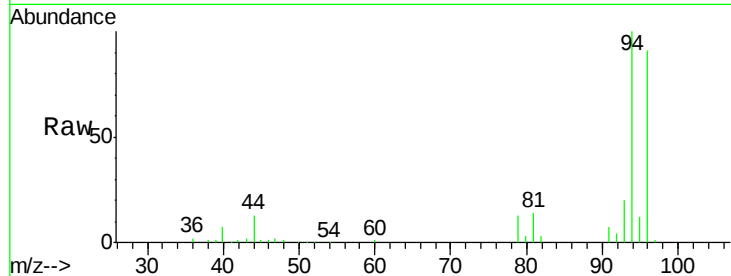




#5
Bromomethane
Concen: 20.320 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

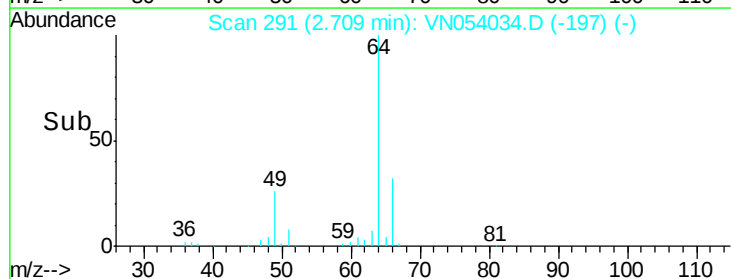
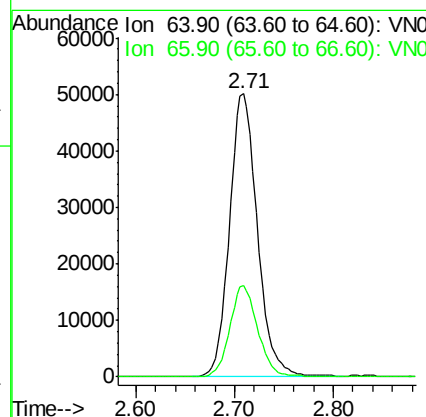
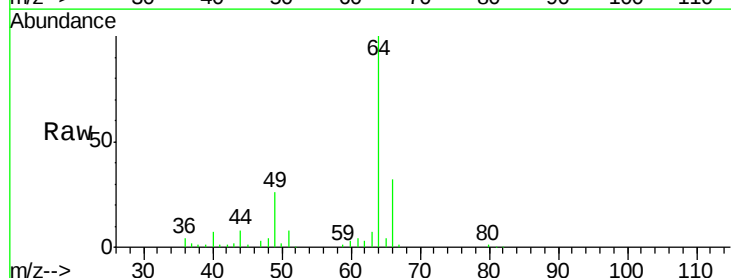
Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

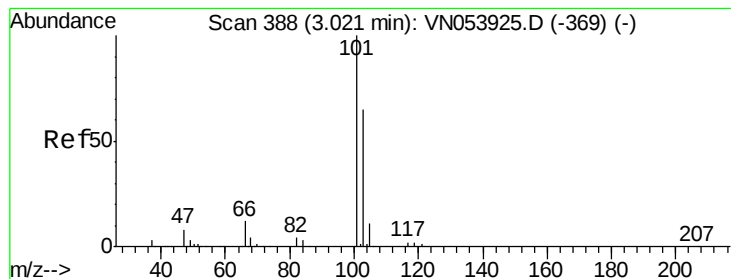
Tot Ion: 94 Resp: 104245
Ion Ratio Lower Upper
94 100
96 91.0 74.9 112.3



#6
Chloroethane
Concen: 20.622 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 64 Resp: 99350
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3



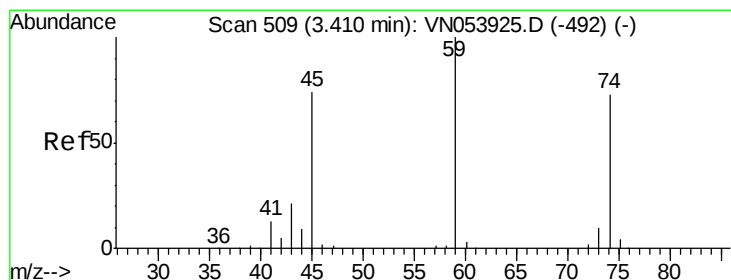
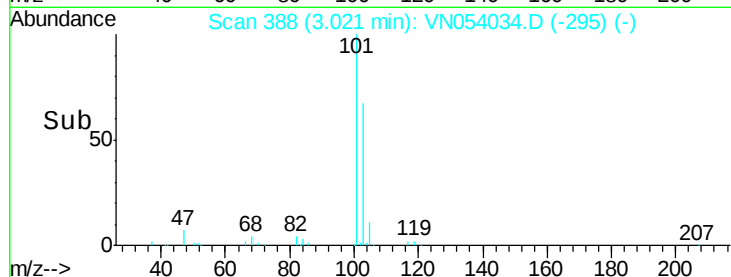
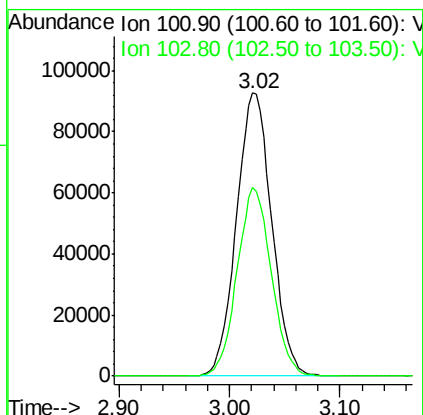
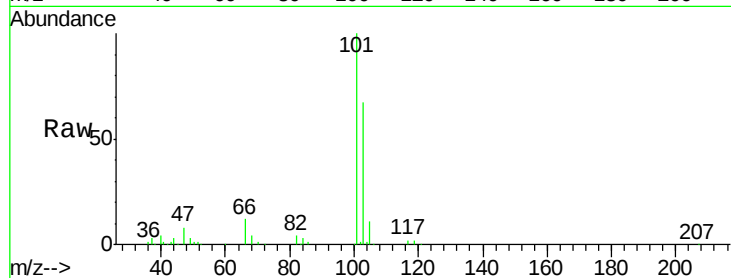


#7

Trichlorofluoromethane
Concen: 20.734 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

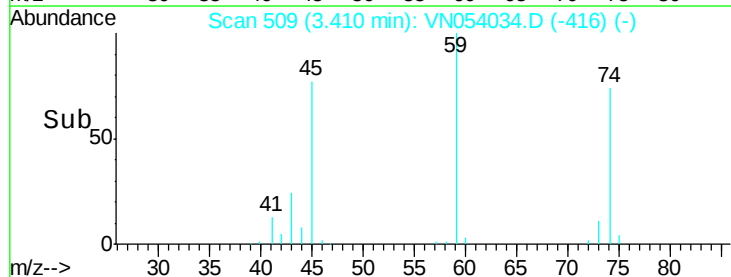
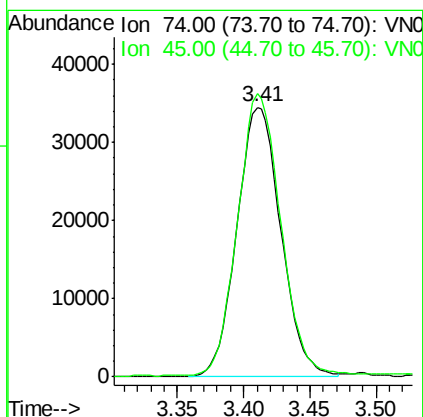
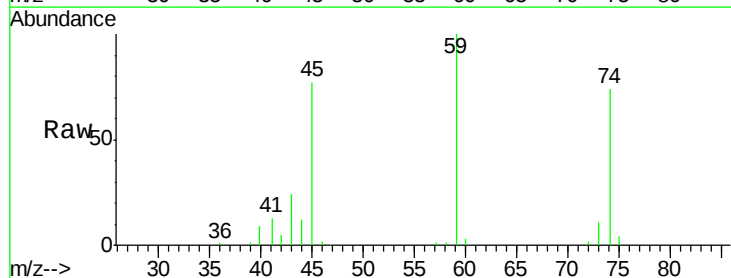
Tot Ion:101 Resp: 205185
Ion Ratio Lower Upper
101 100
103 66.5 51.9 77.9

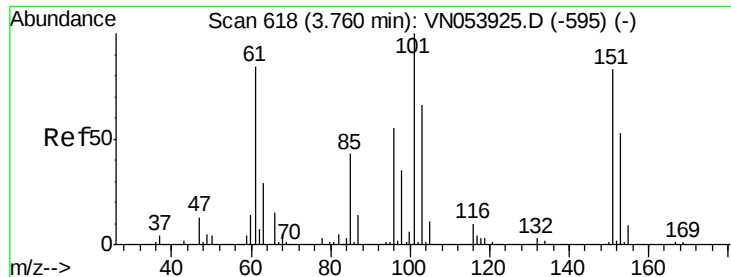


#8

Diethyl Ether
Concen: 21.544 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 74 Resp: 79877
Ion Ratio Lower Upper
74 100
45 102.5 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.673 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

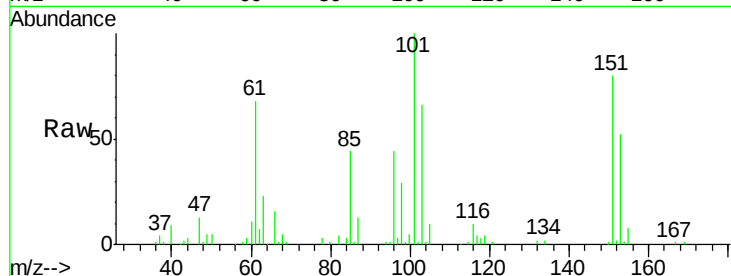
Tot Ion:101 Resp: 129211

Ion Ratio Lower Upper

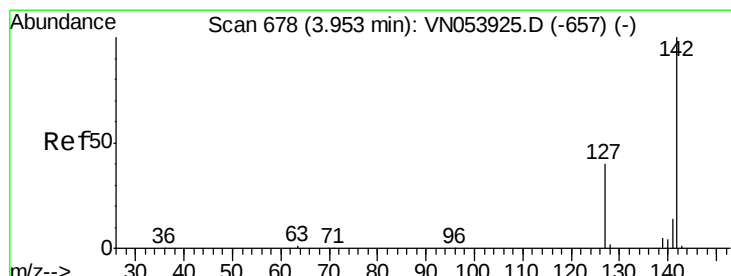
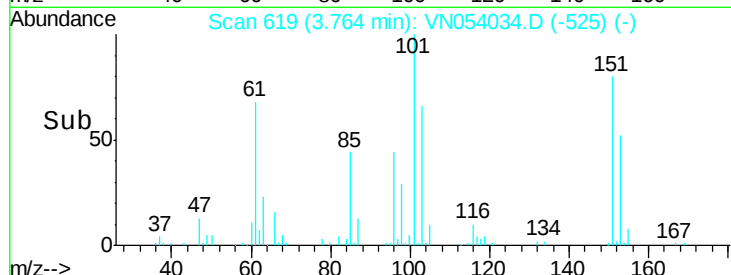
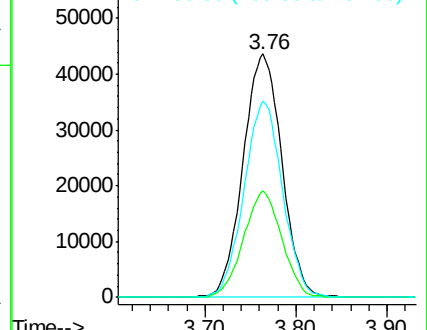
101 100

85 43.1 32.5 48.7

151 80.0 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.735 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

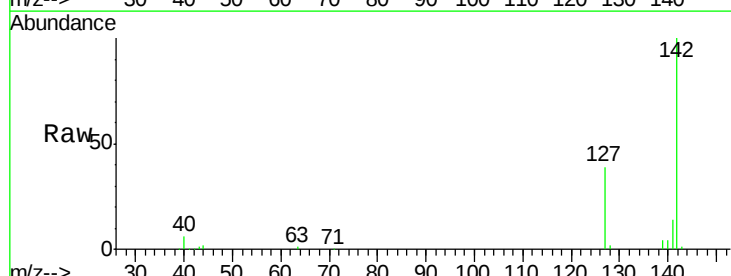
Tgt Ion:142 Resp: 170292

Ion Ratio Lower Upper

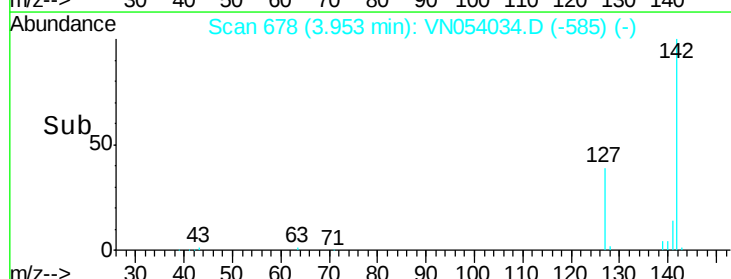
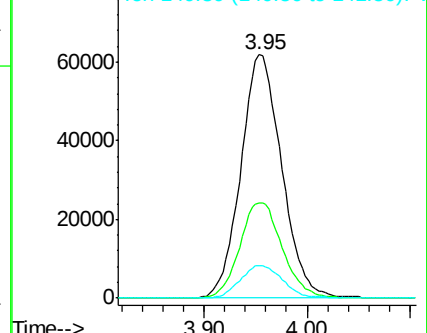
142 100

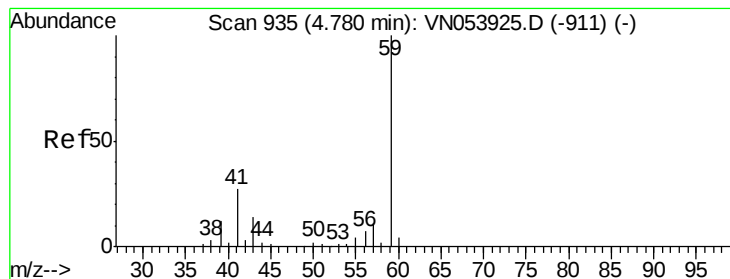
127 40.9 31.0 46.4

141 13.9 11.3 16.9



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



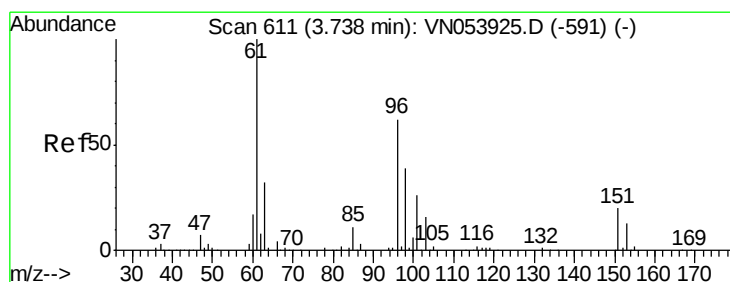
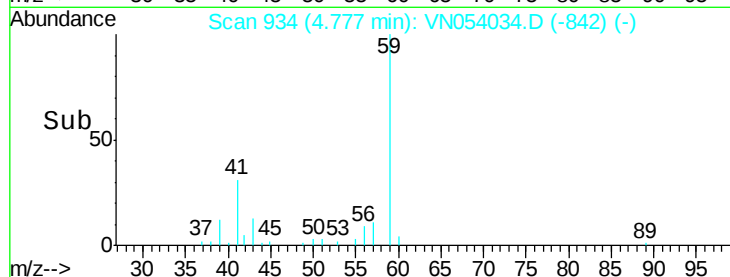
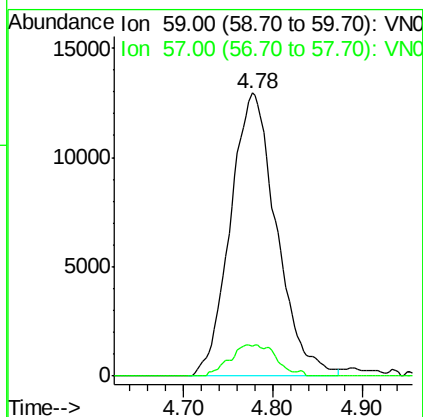
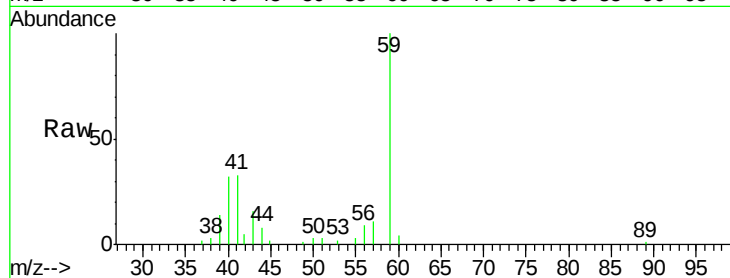


#11

Tert butyl alcohol
 Concen: 103.188 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0302WBS01

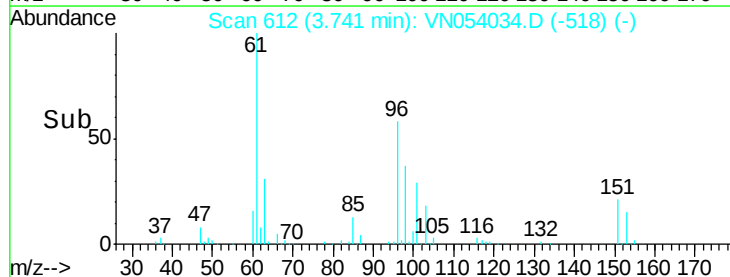
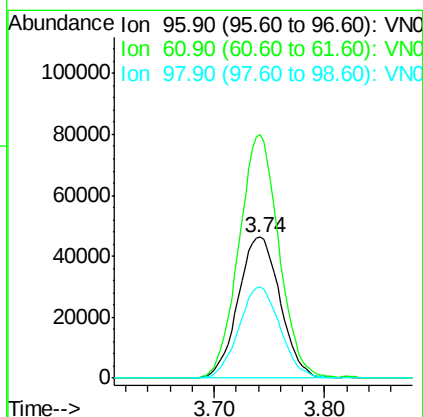
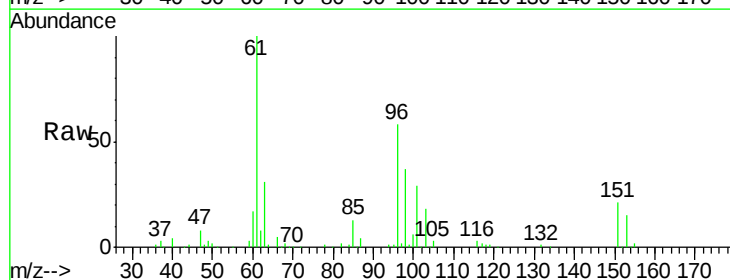
Tot Ion: 59 Resp: 46440
 Ion Ratio Lower Upper
 59 100
 57 5.4 8.1 12.1#

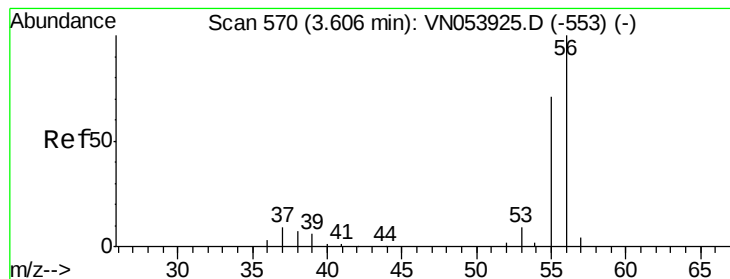


#12

1,1-Dichloroethene
 Concen: 20.418 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 96 Resp: 122068
 Ion Ratio Lower Upper
 96 100
 61 172.7 121.0 181.4
 98 64.7 52.2 78.2





#13

Acrolein

Concen: 90.088 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

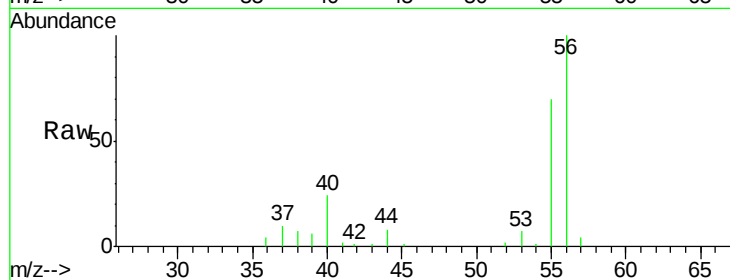
VN0302WBS01

Tot Ion: 56 Resp: 41977

Ion Ratio Lower Upper

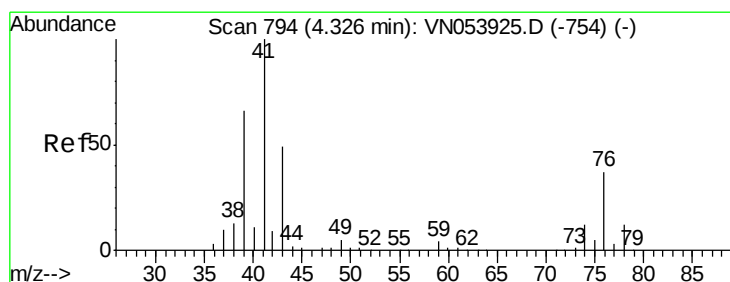
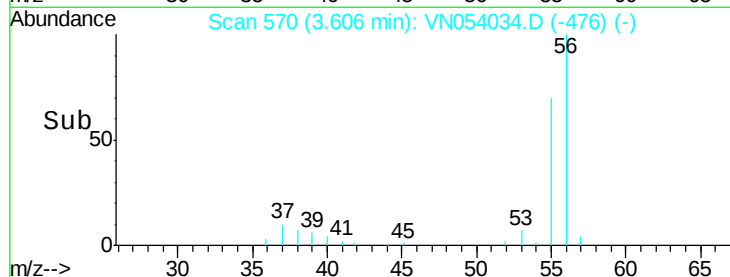
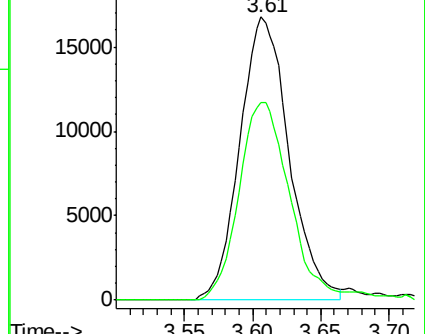
56 100

55 71.1 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.052 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

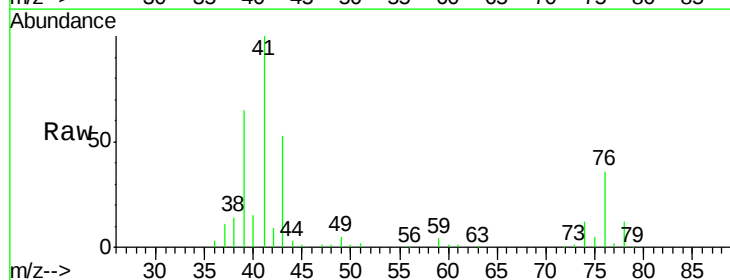
Tgt Ion: 41 Resp: 231235

Ion Ratio Lower Upper

41 100

39 62.2 48.8 73.2

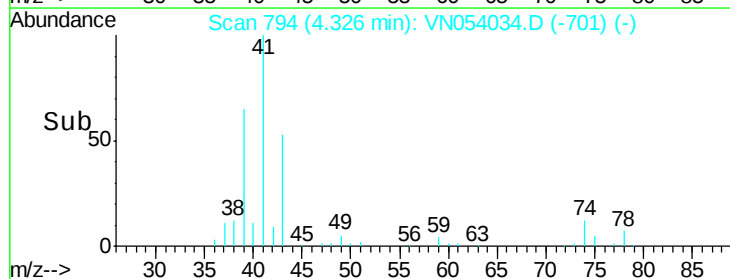
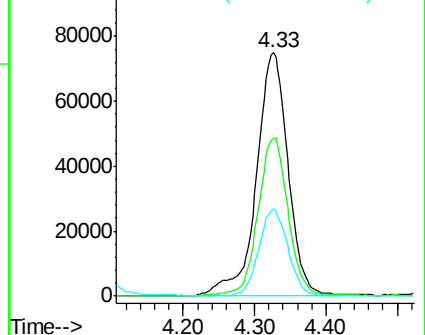
76 32.9 30.9 46.3

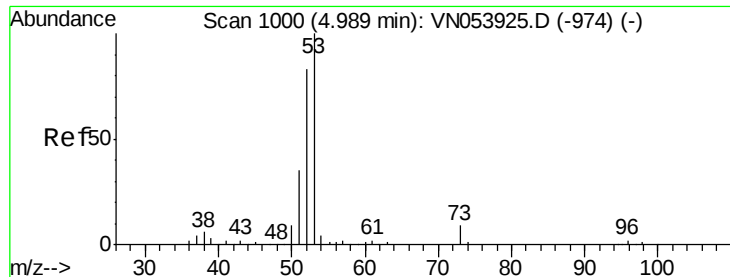


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 109.039 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

VN0302WBS01

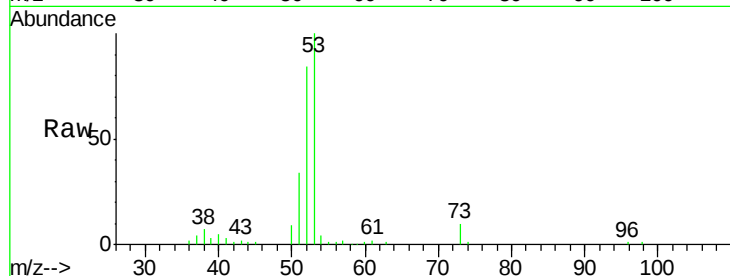
Tot Ion: 53 Resp: 258640

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

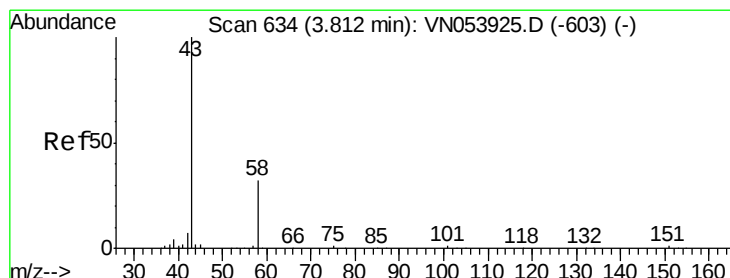
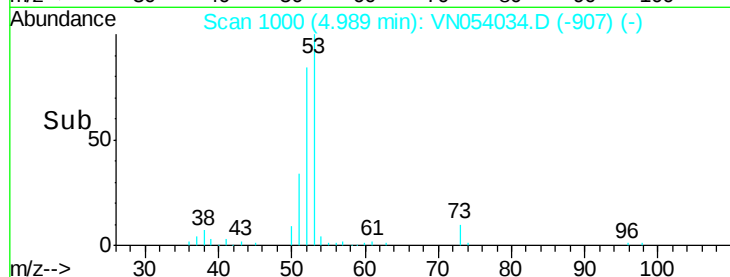
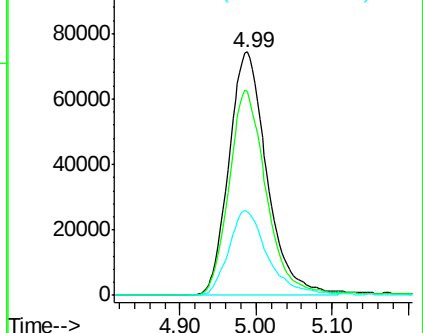
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 109.972 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054034.D

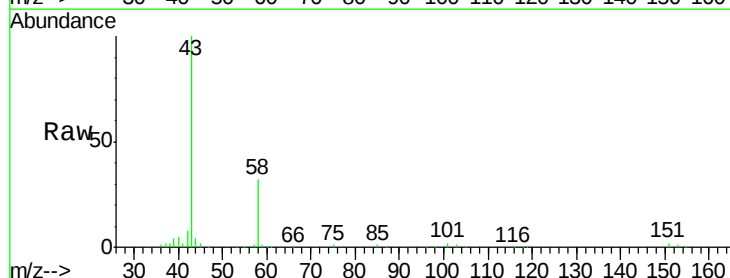
Acq: 1 Mar 2019 17:28

Tgt Ion: 43 Resp: 219465

Ion Ratio Lower Upper

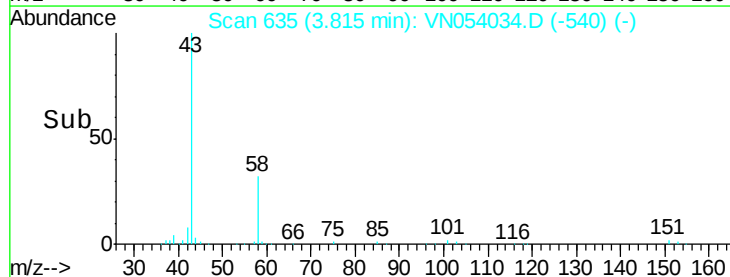
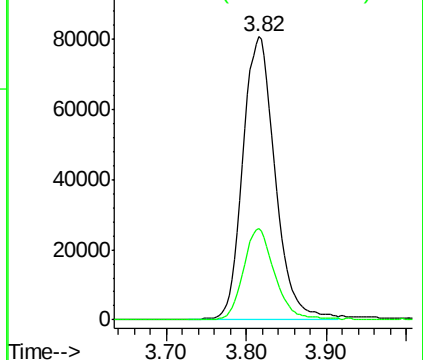
43 100

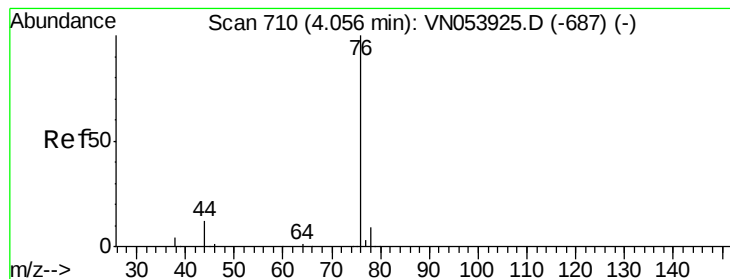
58 32.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.232 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

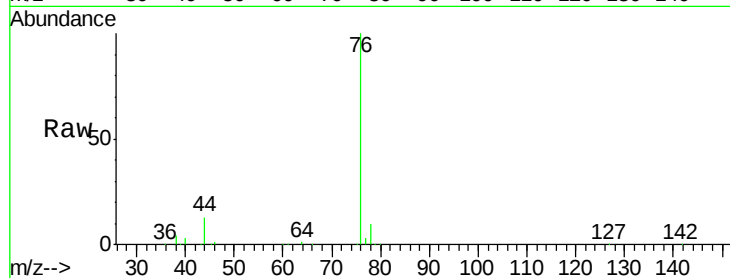
VN0302WBS01

Tot Ion: 76 Resp: 370914

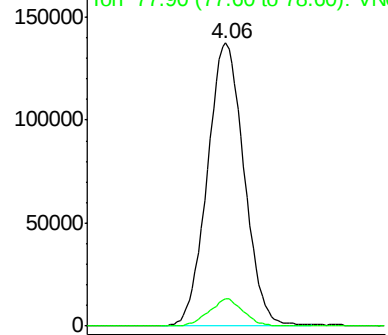
Ion Ratio Lower Upper

76 100

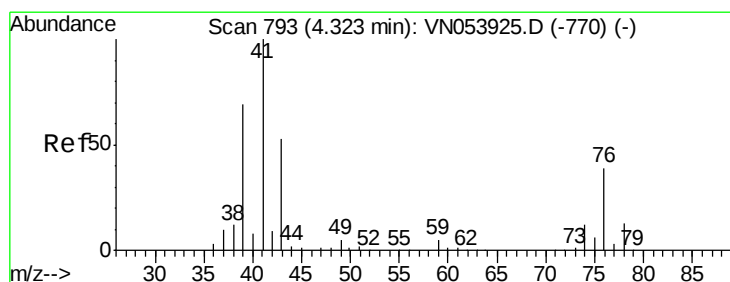
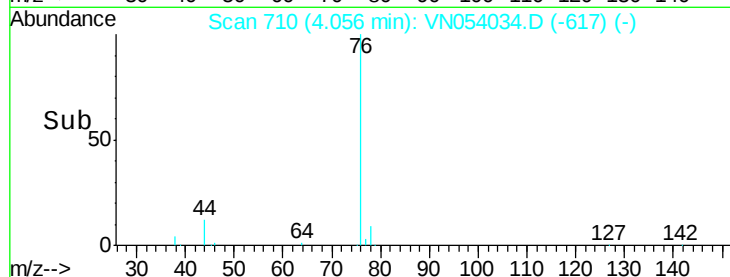
78 9.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



Time-->



#18

Methyl Acetate

Concen: 23.809 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN054034.D

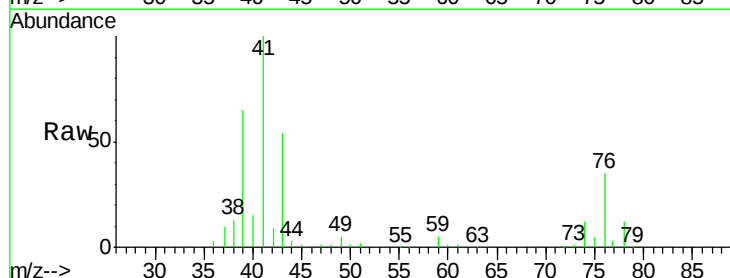
Acq: 1 Mar 2019 17:28

Tgt Ion: 43 Resp: 118189

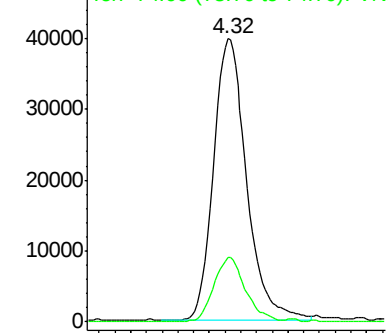
Ion Ratio Lower Upper

43 100

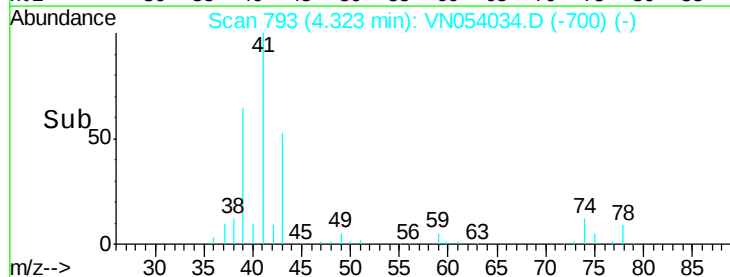
74 21.9 20.5 30.7

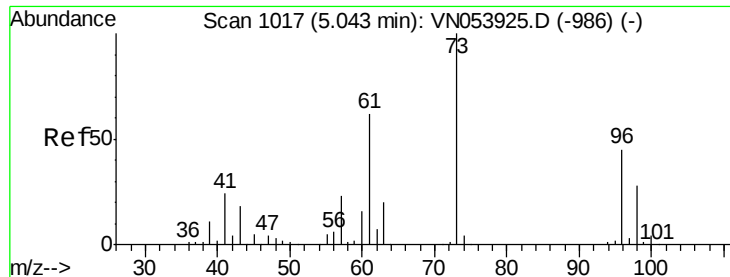


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



Time-->

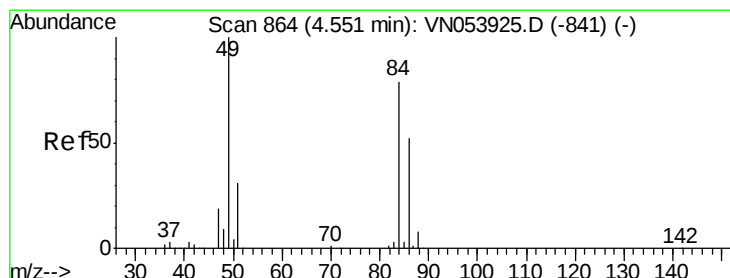
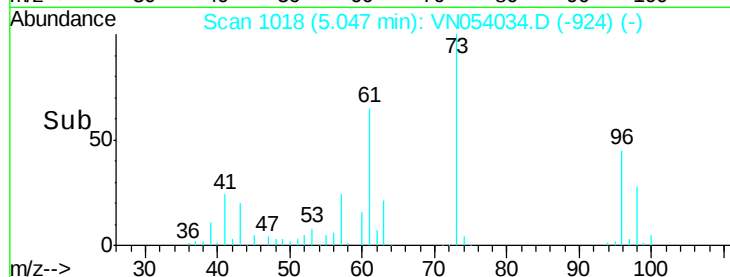
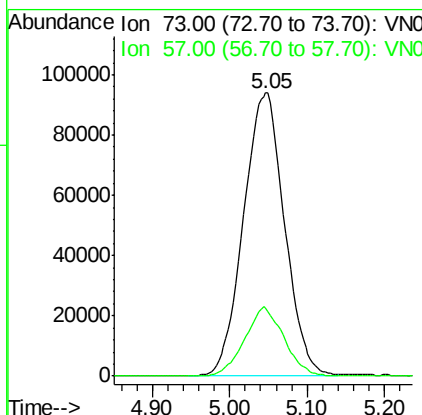
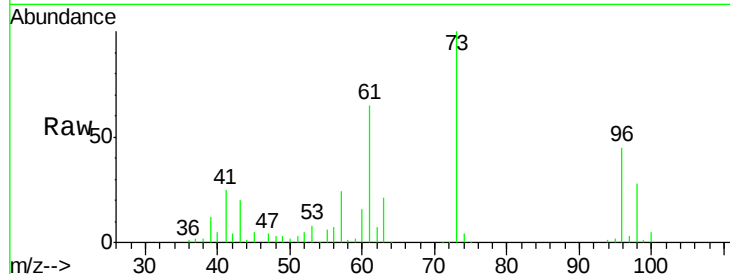




#19
Methyl tert-butyl Ether
Concen: 21.694 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

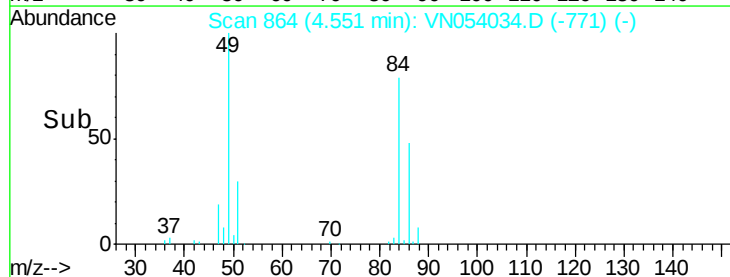
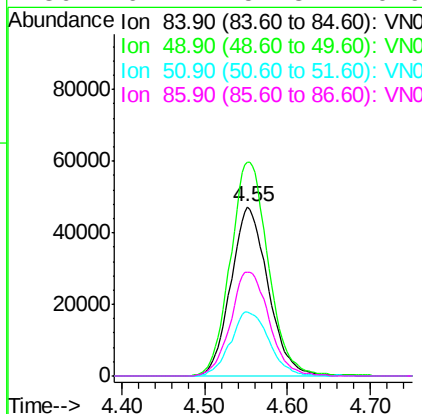
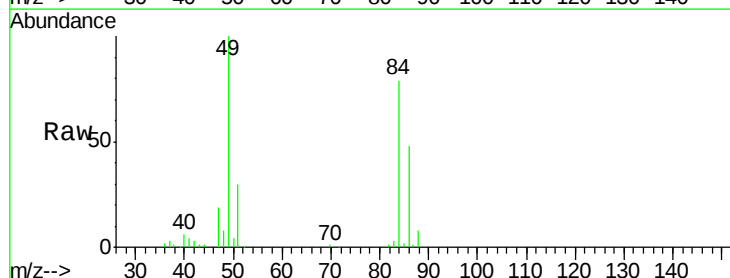
Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

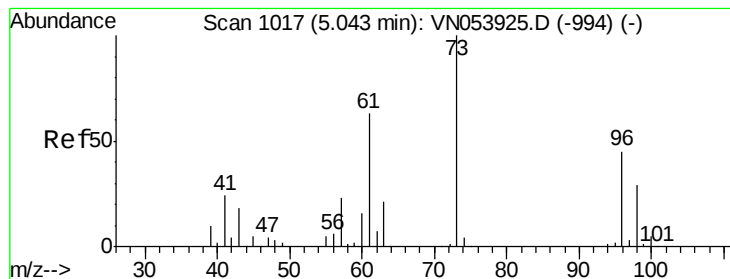
Tot Ion: 73 Resp: 347929
Ion Ratio Lower Upper
73 100
57 24.2 18.0 27.0



#20
Methylene Chloride
Concen: 21.004 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 84 Resp: 147582
Ion Ratio Lower Upper
84 100
49 126.4 89.7 134.5
51 38.2 27.8 41.8
86 61.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.755 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

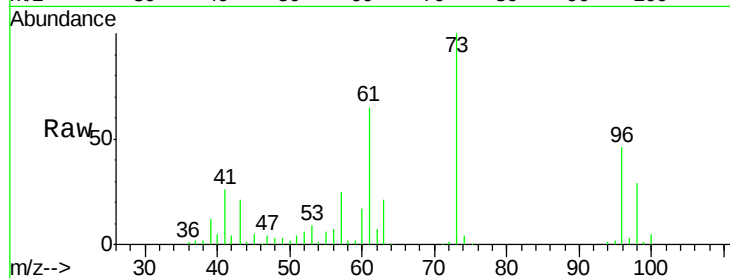
Tot Ion: 96 Resp: 134300

Ion Ratio Lower Upper

96 100

61 141.7 104.5 156.7

98 62.3 50.6 76.0

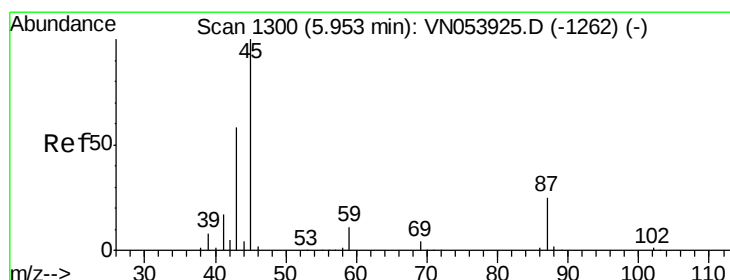
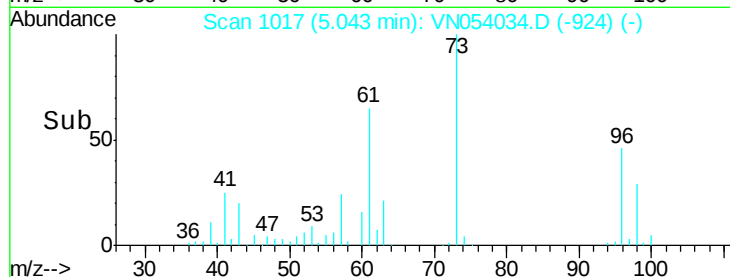
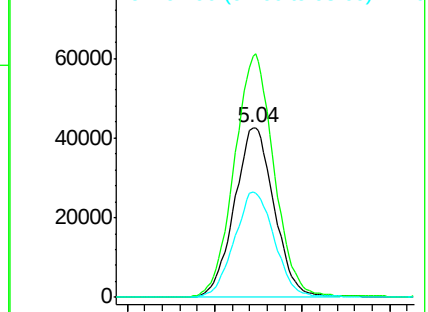


Abundance

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



#22

Diisopropyl ether

Concen: 22.677 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Tgt Ion: 45 Resp: 458737

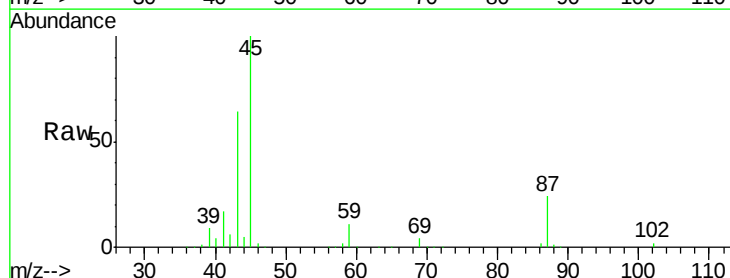
Ion Ratio Lower Upper

45 100

43 62.6 46.2 69.4

87 23.6 23.4 35.0

59 10.4 9.4 14.0



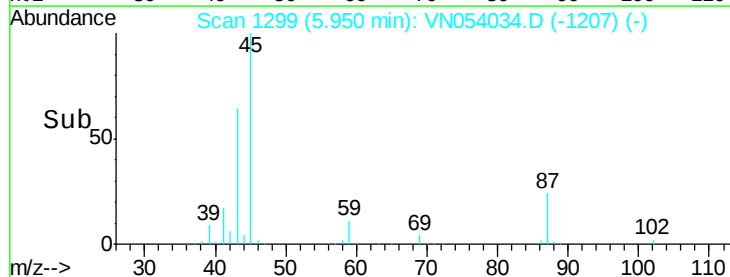
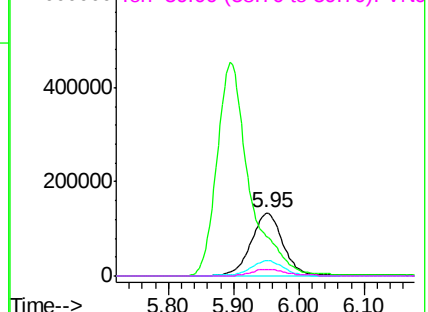
Abundance

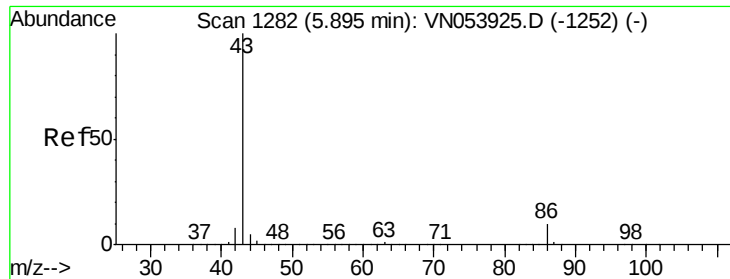
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 107.768 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

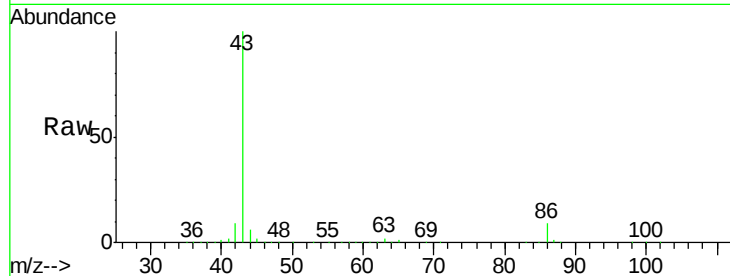
VN0302WBS01

Tot Ion: 43 Resp: 1568283

Ion Ratio Lower Upper

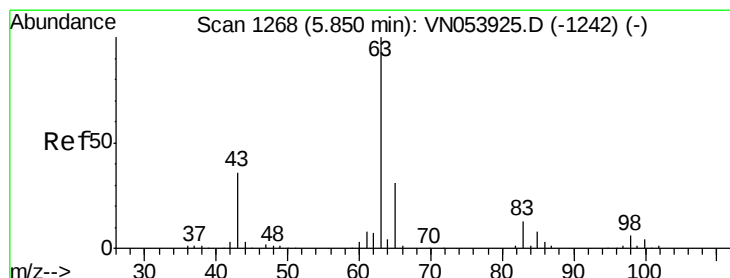
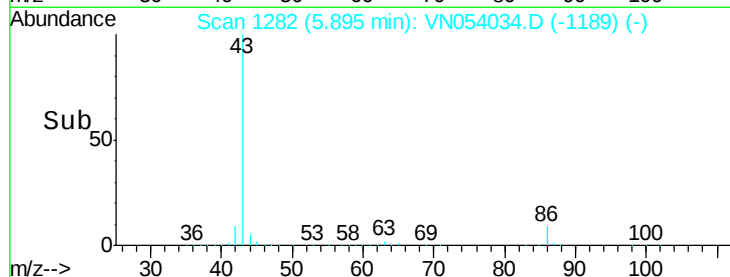
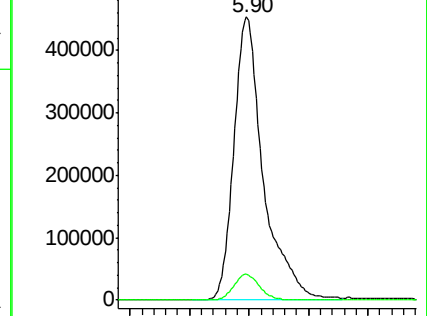
43 100

86 9.2 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: 21.521 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

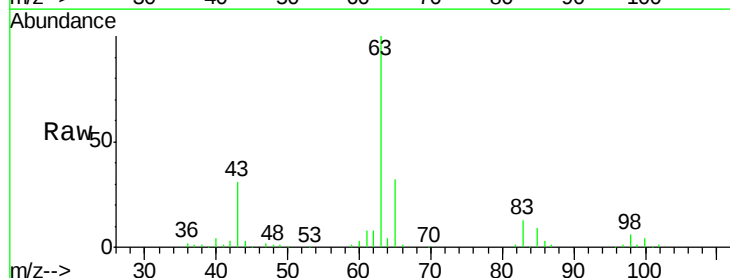
Tgt Ion: 63 Resp: 266971

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

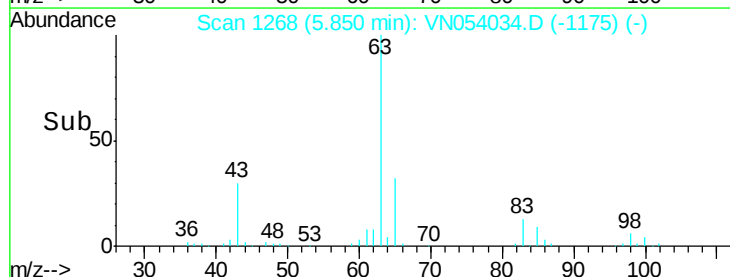
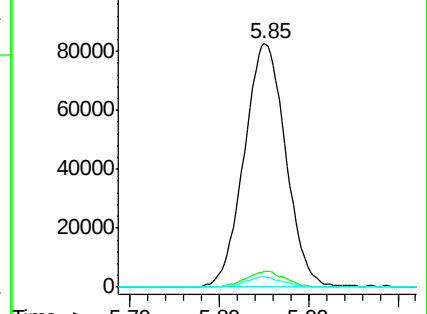
100 4.3 2.2 6.6

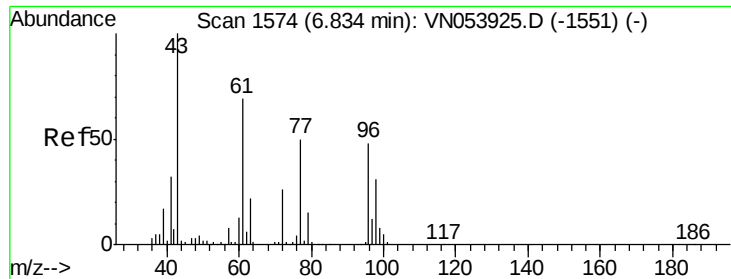


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

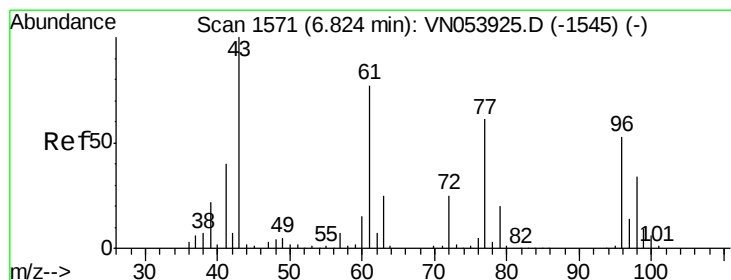
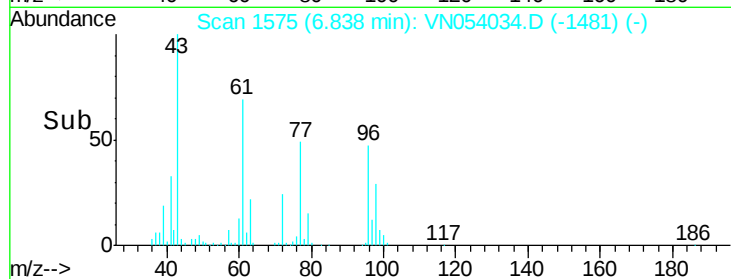
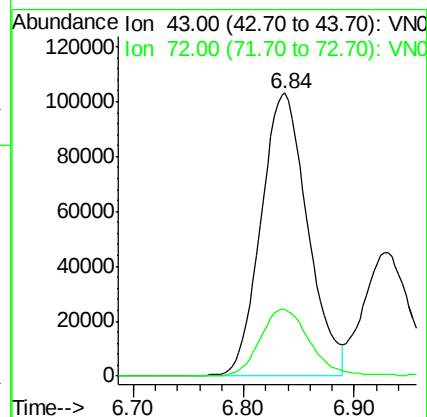
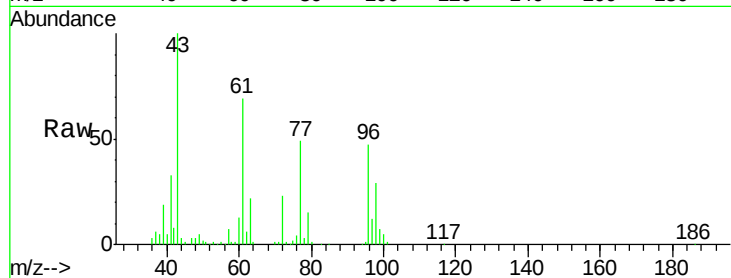




#25
2-Butanone
Concen: 108.097 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

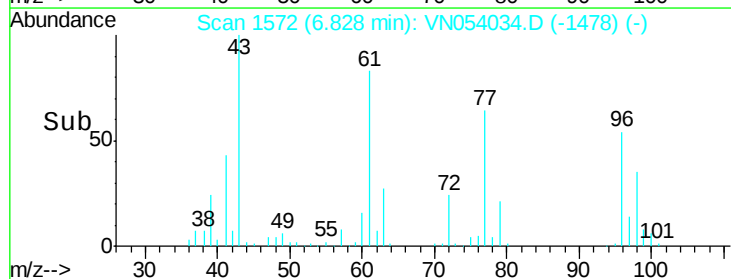
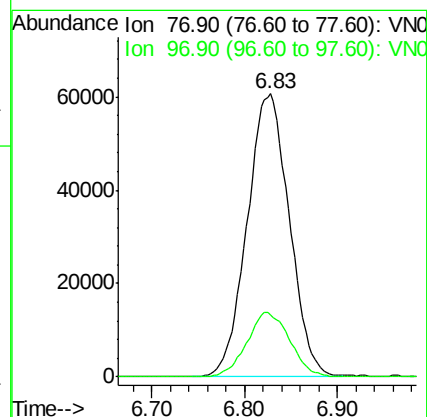
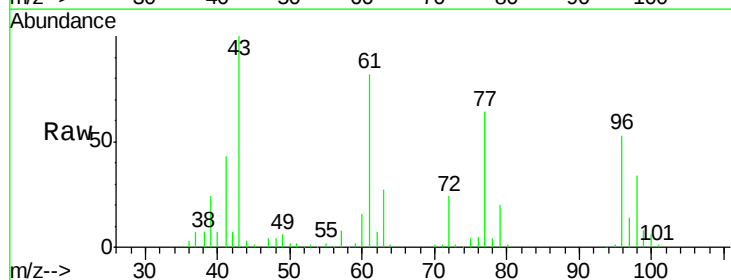
Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

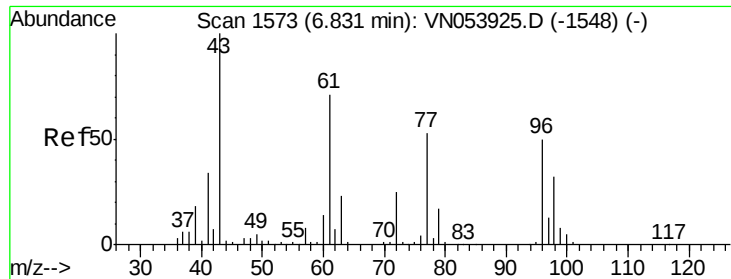
Tot Ion: 43 Resp: 301323
Ion Ratio Lower Upper
43 100
72 23.5 22.1 33.1



#26
2,2-Dichloropropane
Concen: 21.776 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 77 Resp: 191919
Ion Ratio Lower Upper
77 100
97 23.1 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 21.066 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

VN0302WBS01

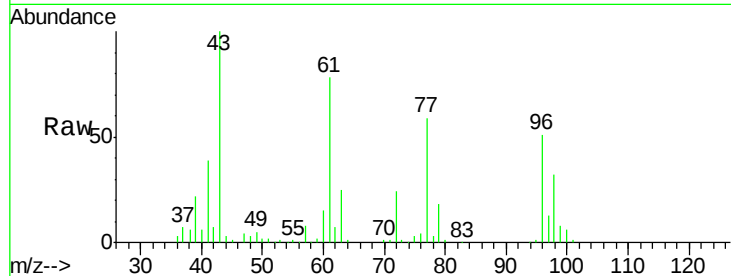
Tot Ion: 96 Resp: 151592

Ion Ratio Lower Upper

96 100

61 152.4 0.0 275.6

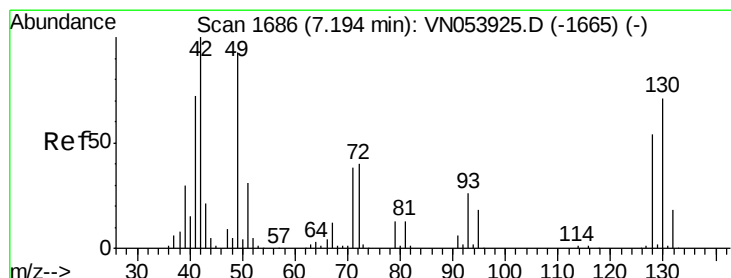
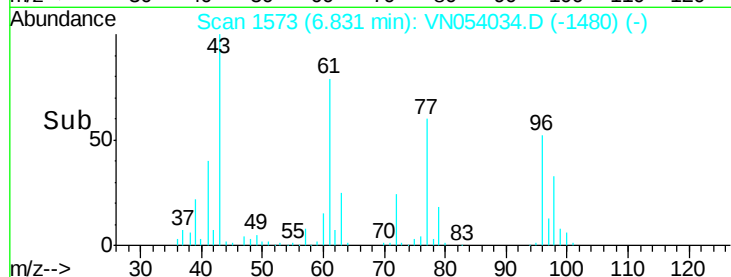
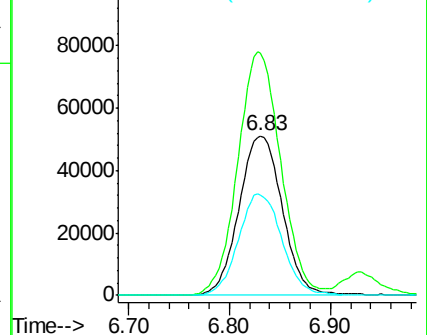
98 64.4 0.0 130.0



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: 23.527 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

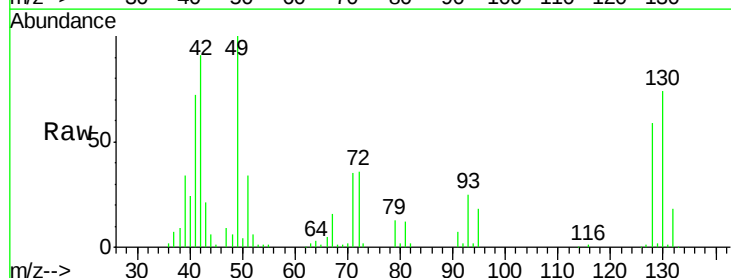
Tgt Ion: 49 Resp: 133591

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

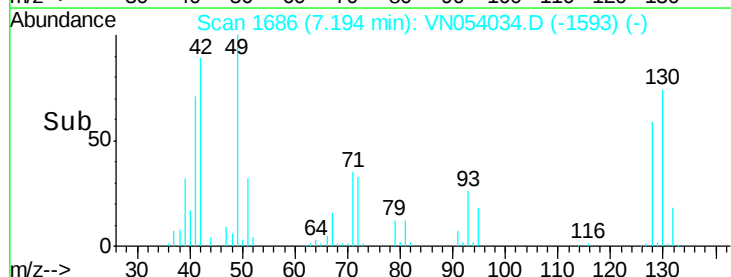
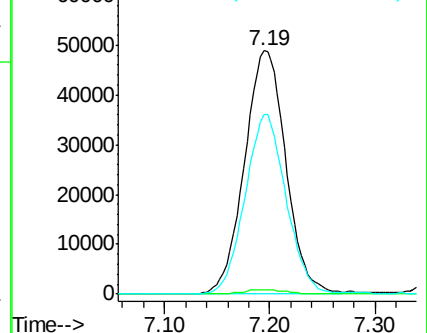
130 72.9 72.9 109.3#

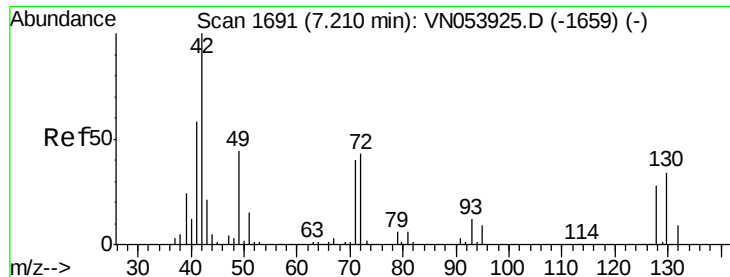


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

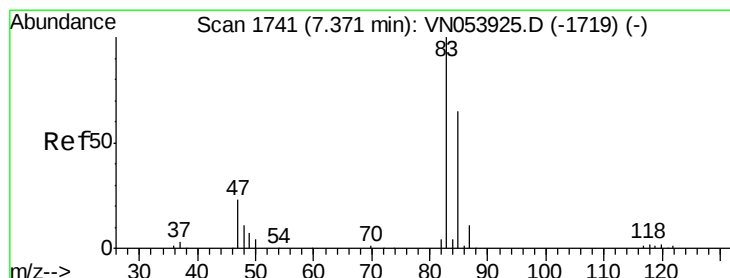
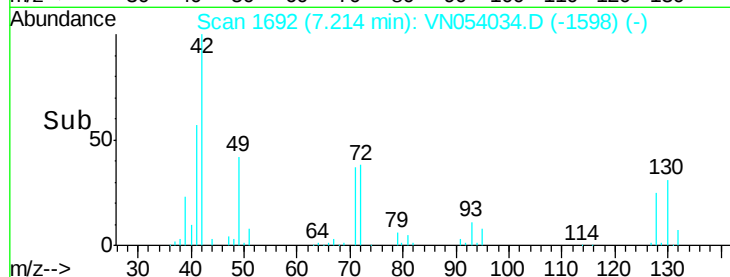
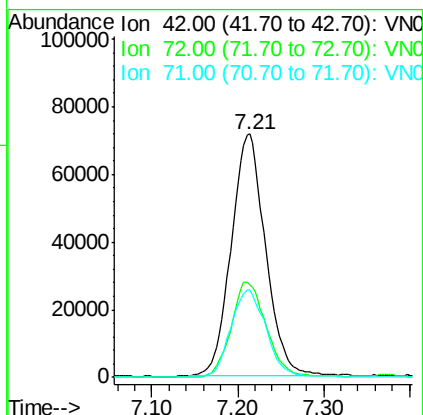
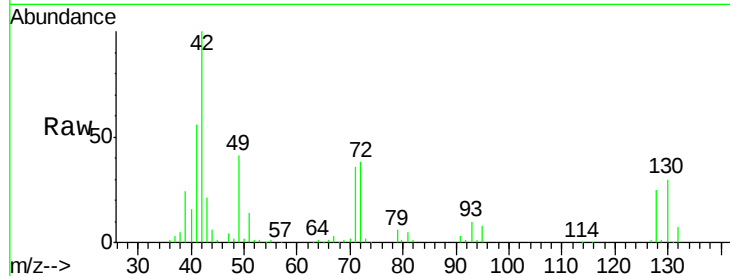




#29
Tetrahydrofuran
Concen: 107.031 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

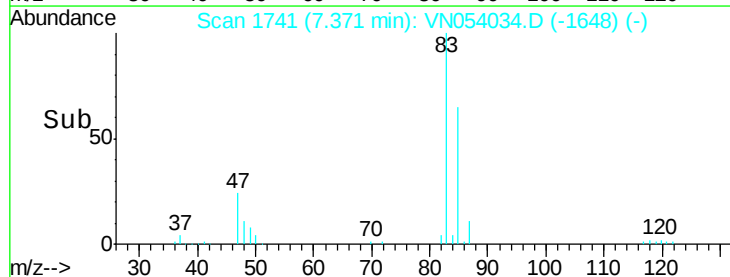
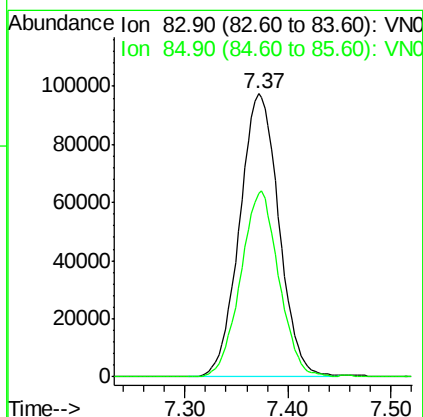
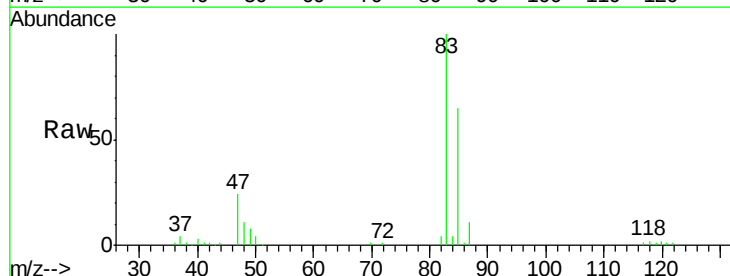
Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

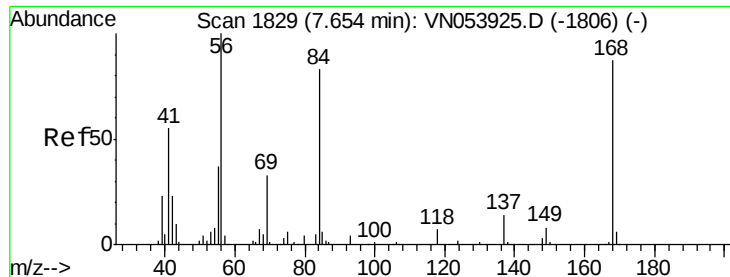
Tot Ion: 42 Resp: 198682
Ion Ratio Lower Upper
42 100
72 40.6 36.9 55.3
71 37.2 34.6 52.0



#30
Chloroform
Concen: 21.490 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 83 Resp: 258495
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8





#31

Cyclohexane

Concen: 21.536 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

VN0302WBS01

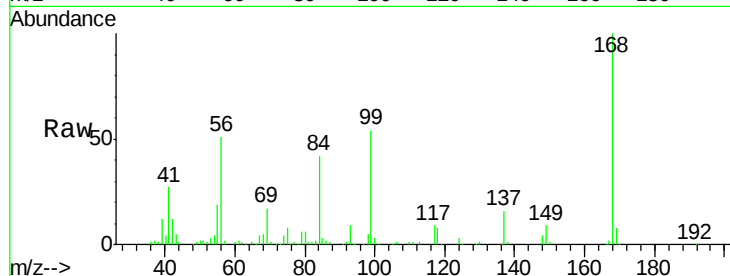
Tot Ion: 56 Resp: 247137

Ion Ratio Lower Upper

56 100

69 33.3 26.0 39.0

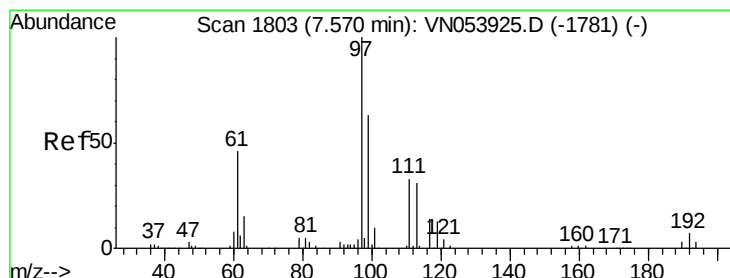
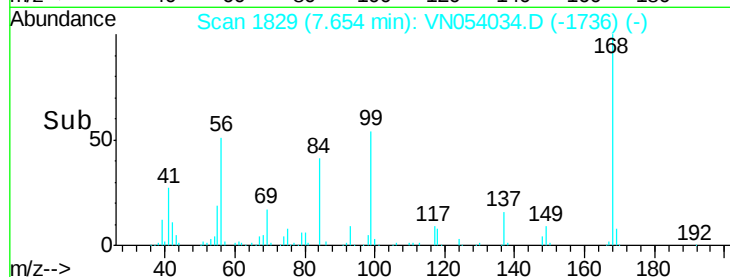
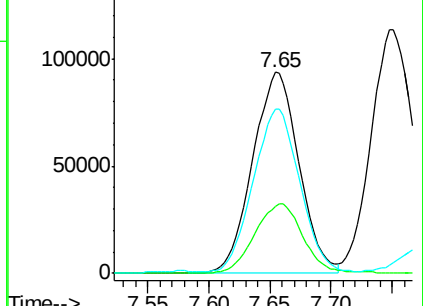
84 80.5 69.1 103.7



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: 21.400 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

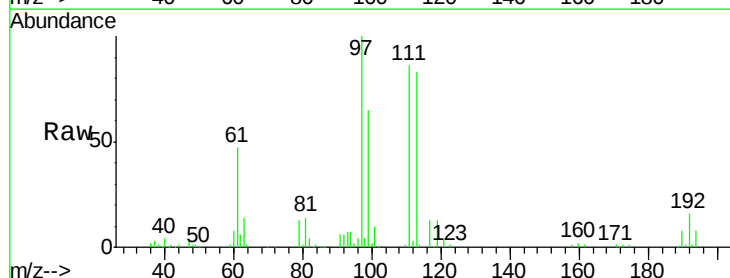
Tgt Ion: 97 Resp: 212244

Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.8

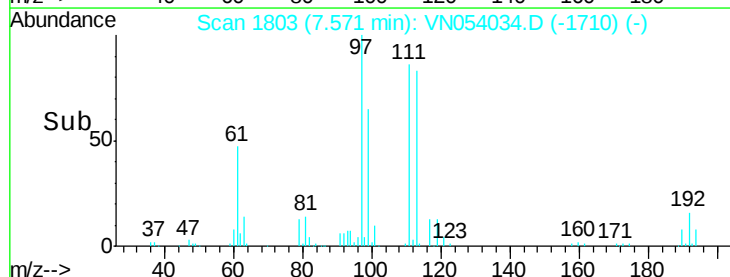
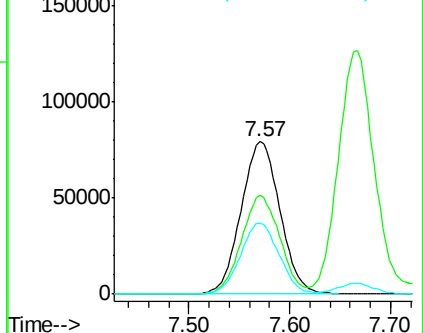
61 46.5 33.2 49.8

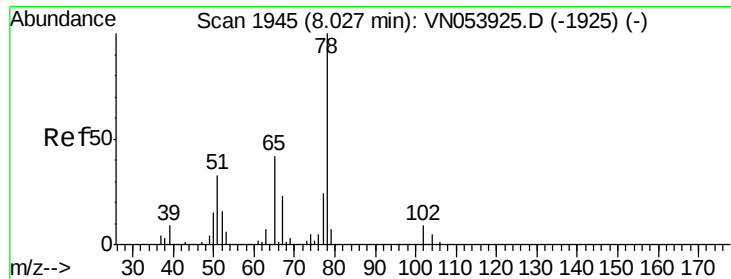


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.714 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

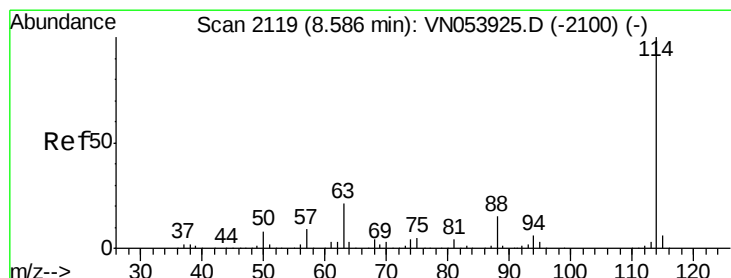
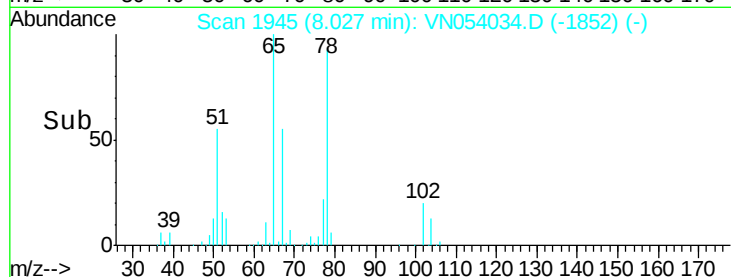
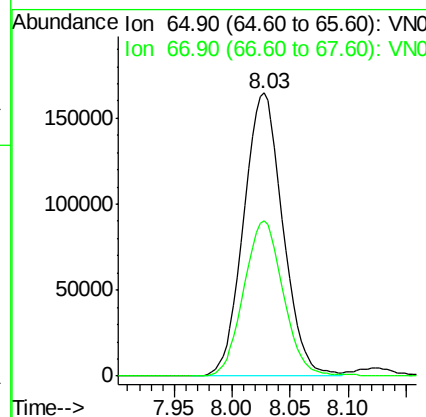
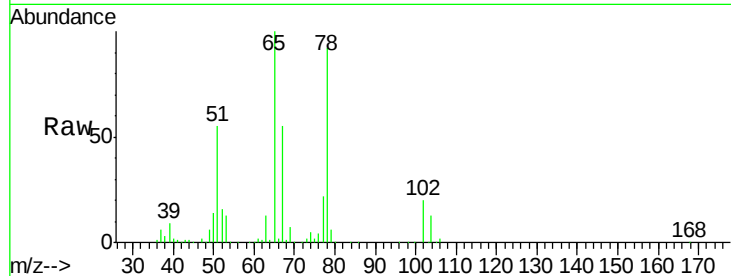
VN0302WBS01

Tot Ion: 65 Resp: 388431

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

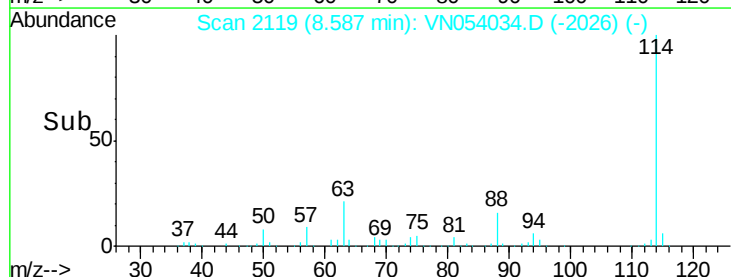
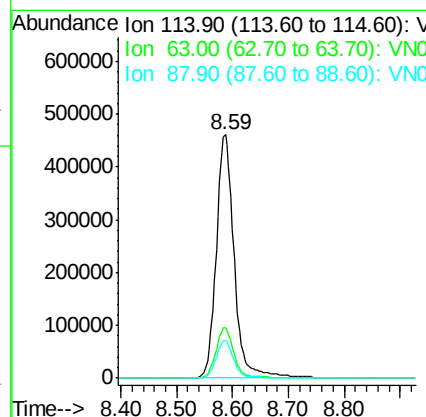
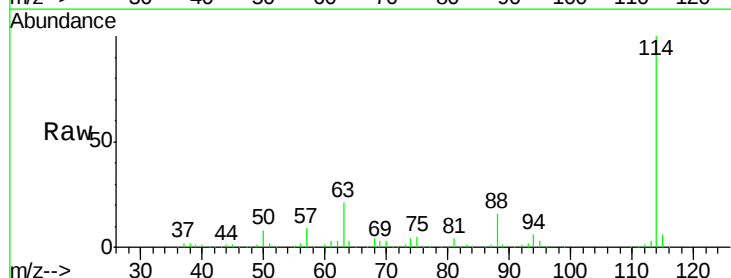
Tgt Ion: 114 Resp: 1030860

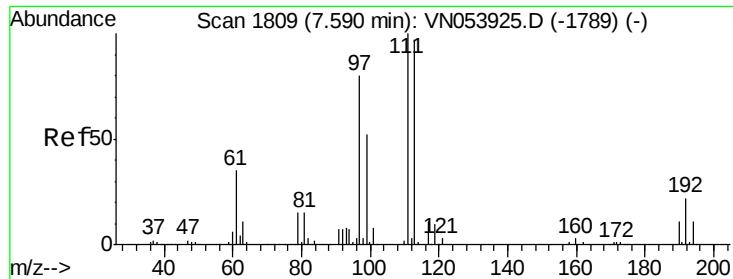
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.5 0.0 30.4

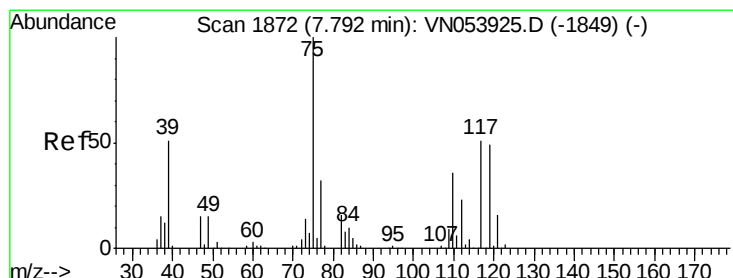
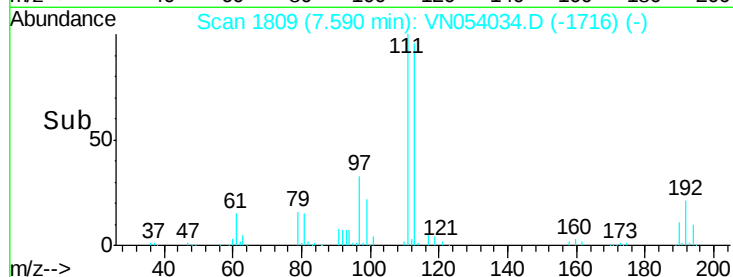
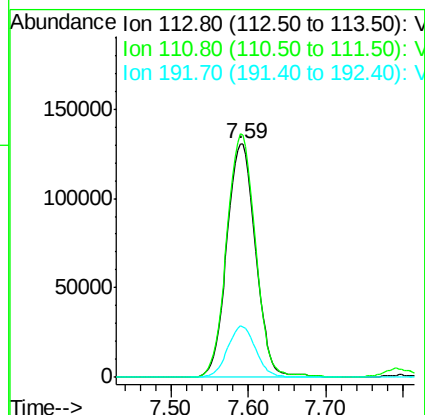
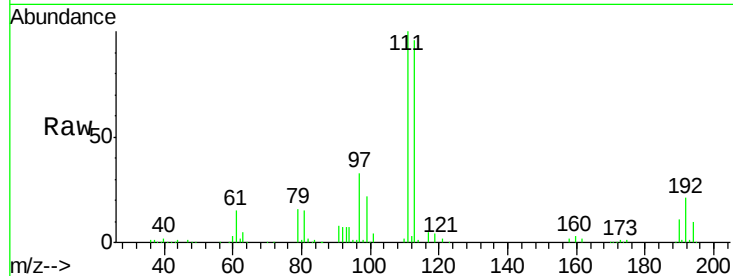




#35
 Dibromofluoromethane
 Concen: 50.697 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

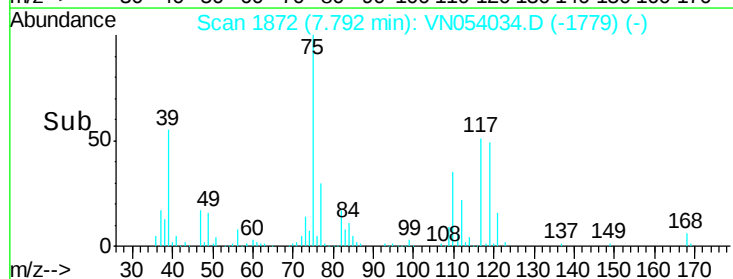
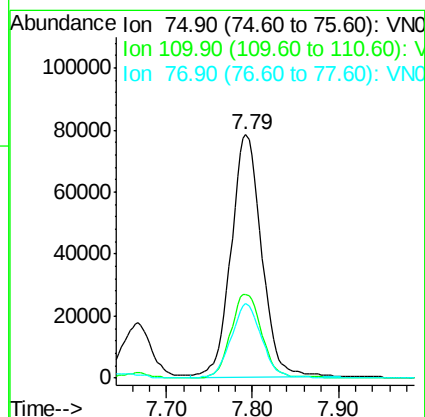
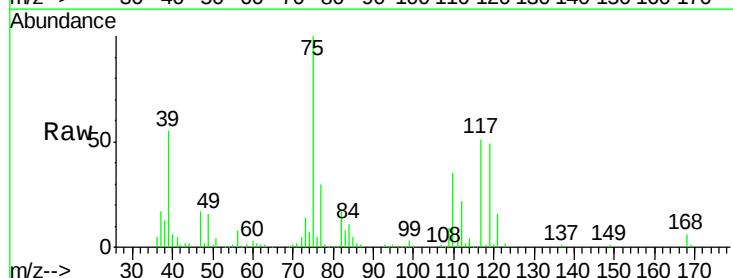
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

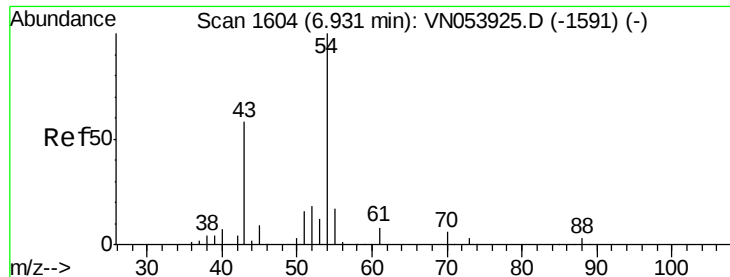
Tot Ion:113 Resp: 337953
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.1 121.7
 192 21.2 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 20.033 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 75 Resp: 192046
 Ion Ratio Lower Upper
 75 100
 110 35.1 19.0 57.0
 77 31.2 25.4 38.0

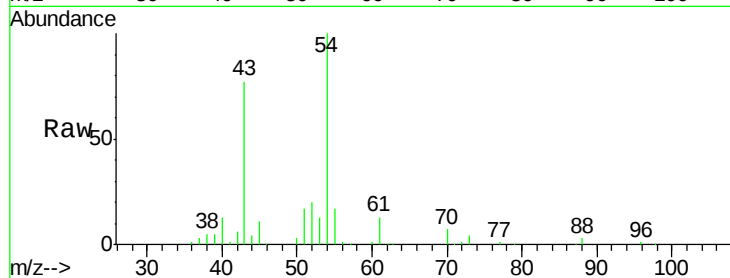




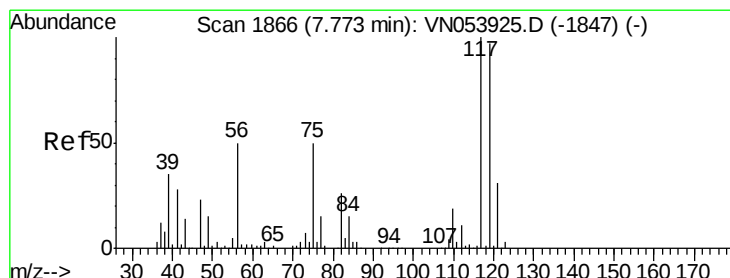
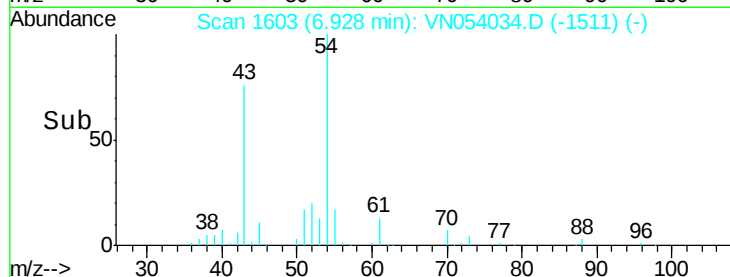
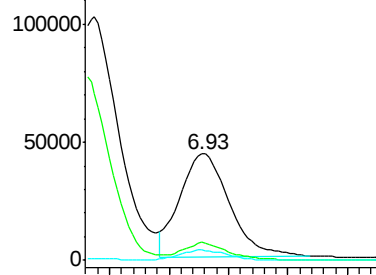
#37
Ethyl Acetate
Concen: 18.539 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

Tot Ion: 43 Resp: 126904
Ion Ratio Lower Upper
43 100
61 15.9 12.0 18.0
70 9.0 8.7 13.1

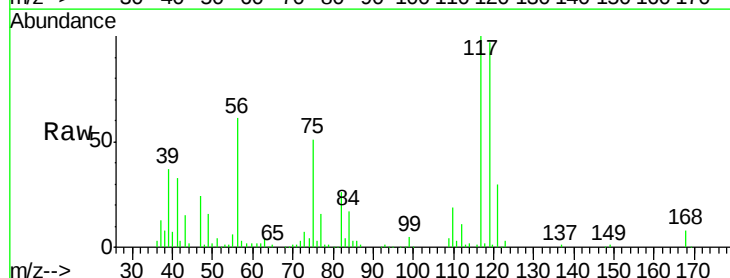


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

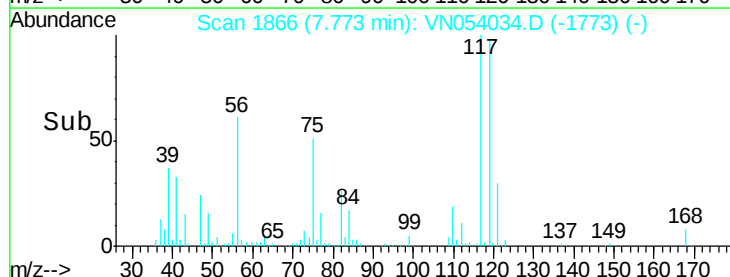
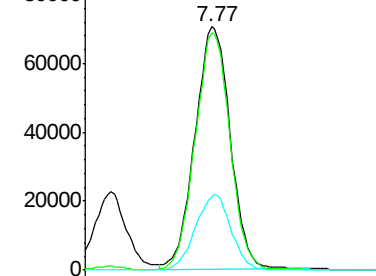


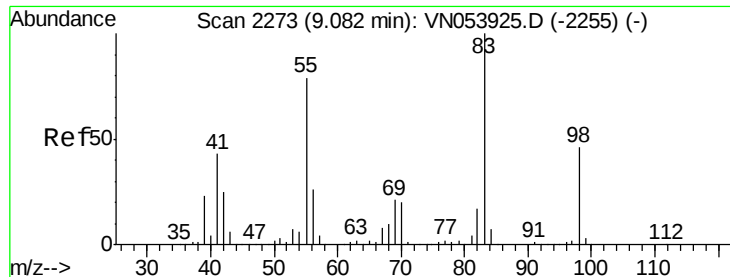
#38
Carbon Tetrachloride
Concen: 18.264 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 117 Resp: 182096
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.2
121 30.5 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

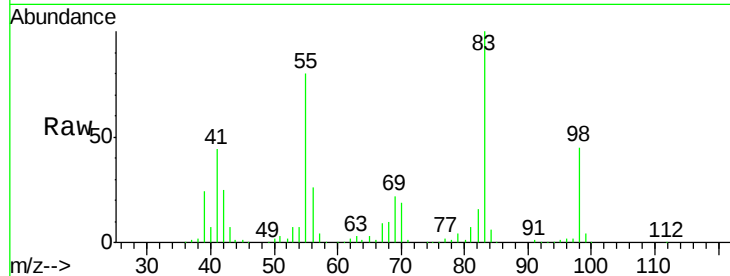




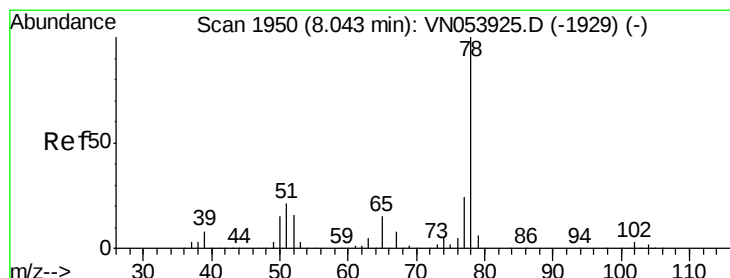
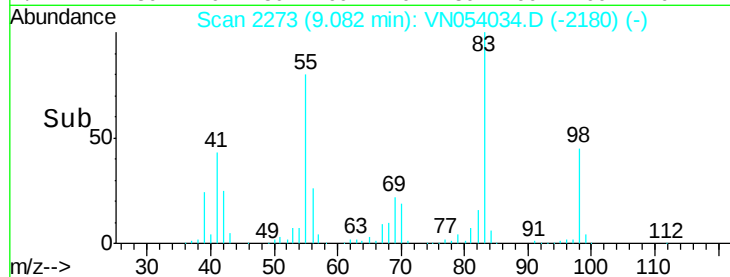
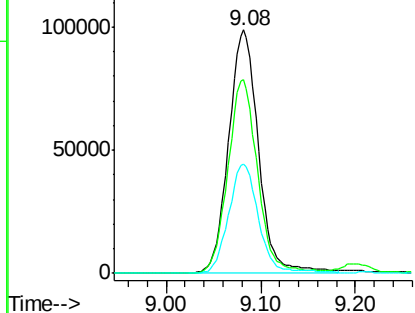
#39
Methvlcvclohexane
Concen: 18.812 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion: 83 Resp: 217368
Ion Ratio Lower Upper
83 100
55 79.7 58.2 87.4
98 45.1 37.2 55.8

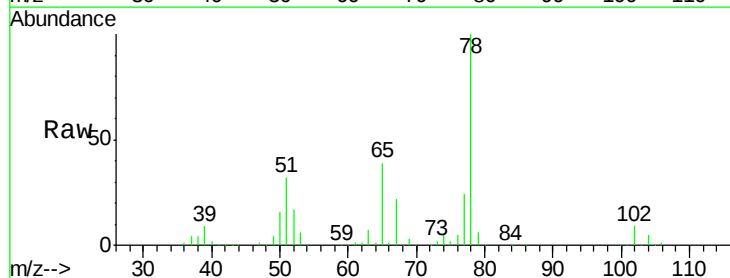


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

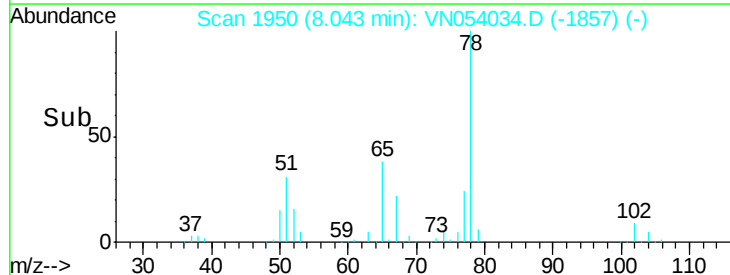
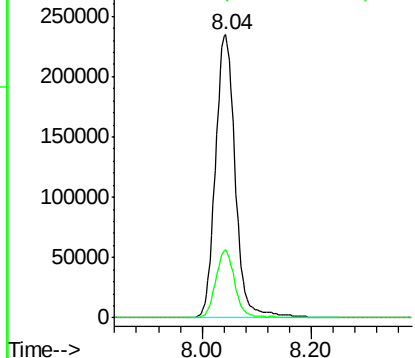


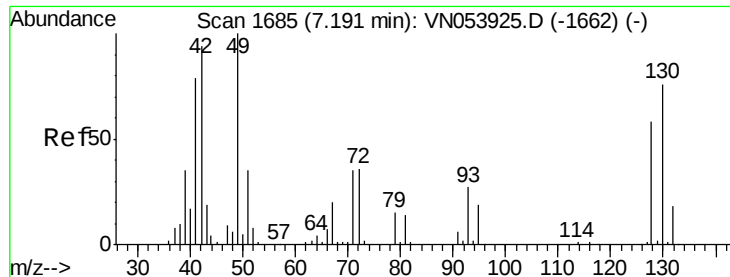
#40
Benzene
Concen: 20.093 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 78 Resp: 591752
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

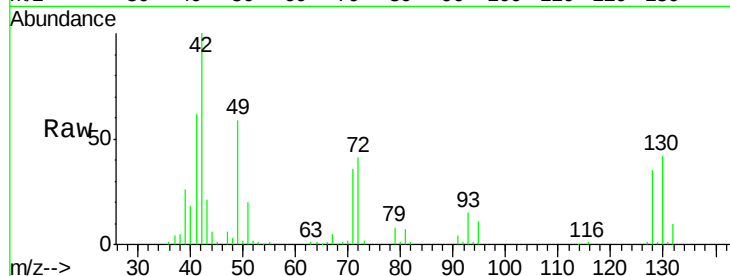




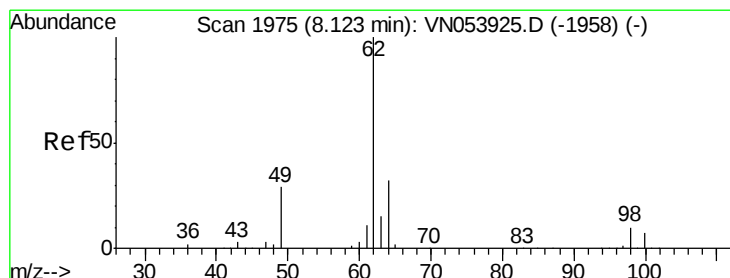
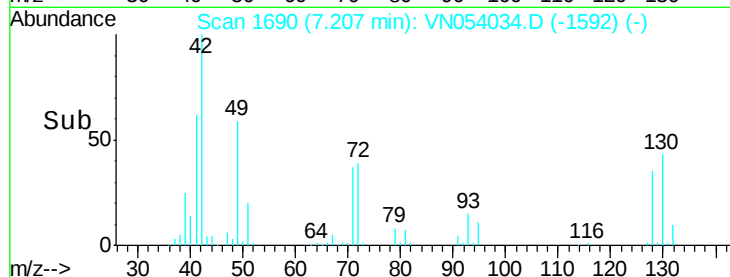
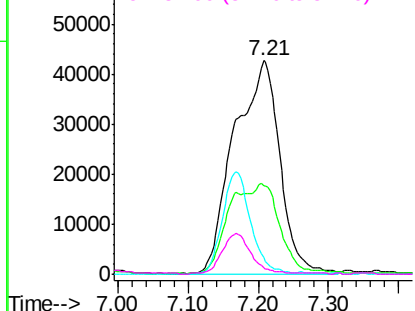
#41
Methacrylonitrile
Concen: 43.789 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion:	41	Resp:	193011
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

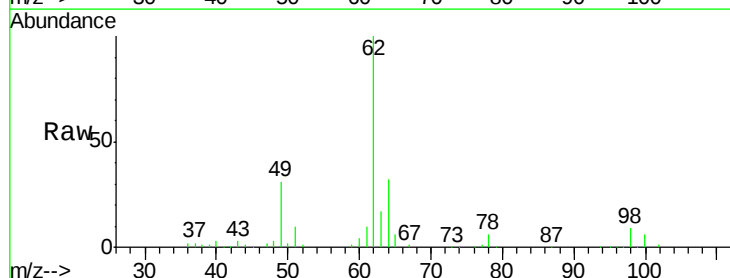


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

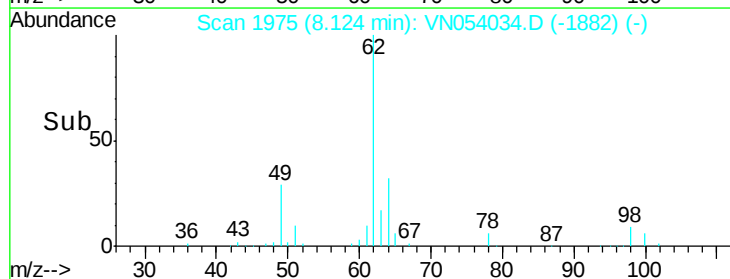
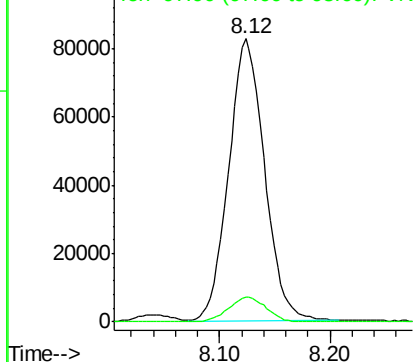


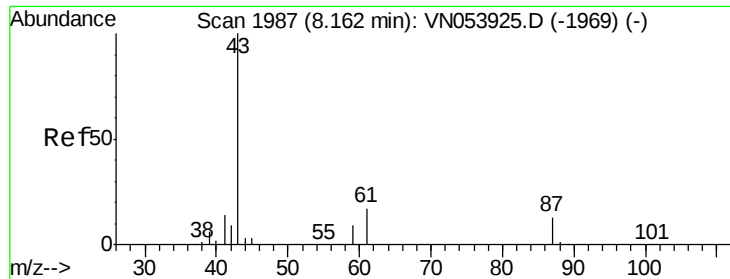
#42
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion:	62	Resp:	186310
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.029 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

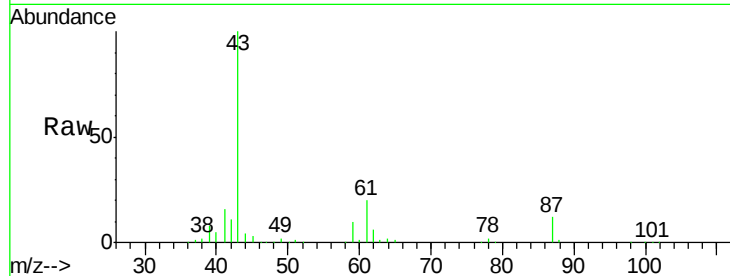
Tot Ion: 43 Resp: 219925

Ion Ratio Lower Upper

43 100

61 27.6 17.4 26.0#

87 12.2 11.5 17.3

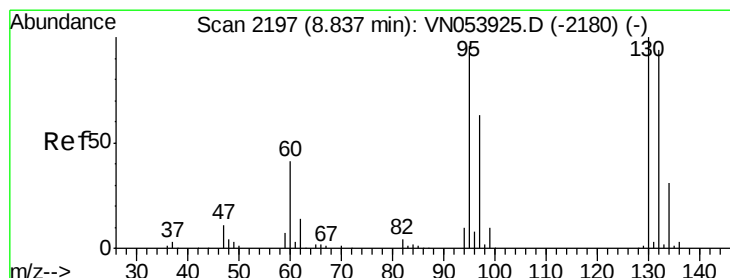
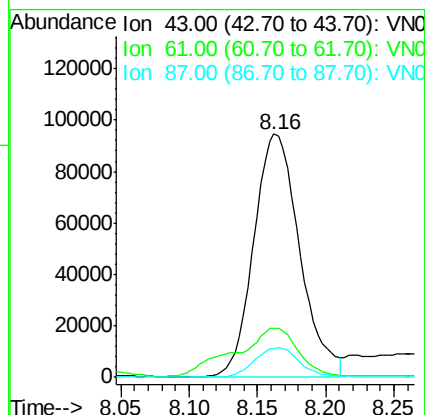
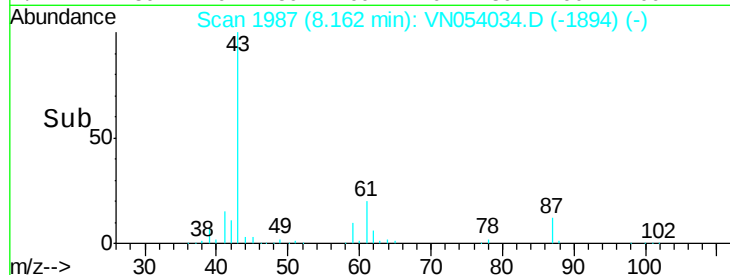


Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)

Time-->



#44

Trichloroethene

Concen: 18.784 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054034.D

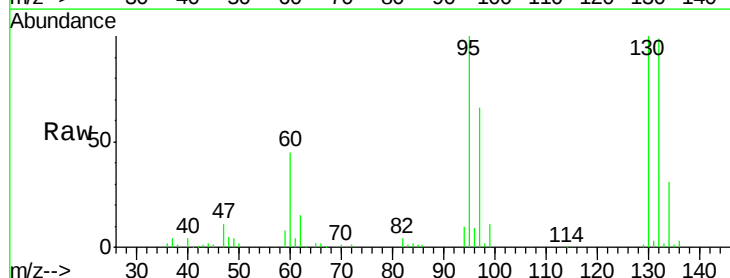
Acq: 1 Mar 2019 17:28

Tgt Ion:130 Resp: 146659

Ion Ratio Lower Upper

130 100

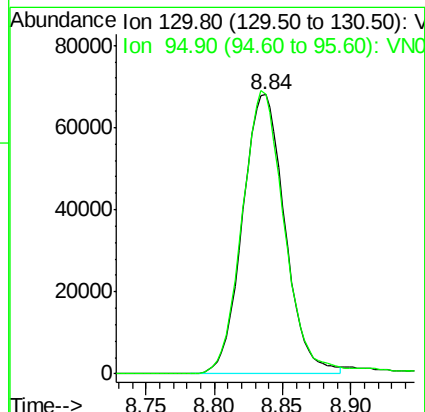
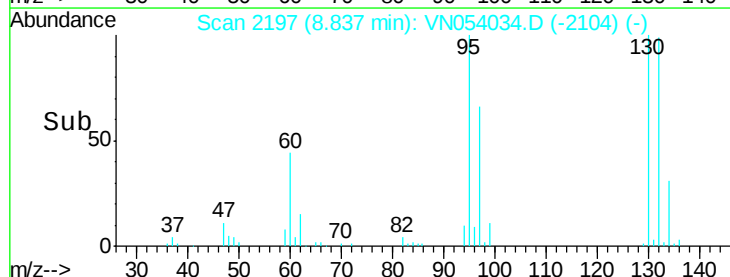
95 100.4 0.0 190.0

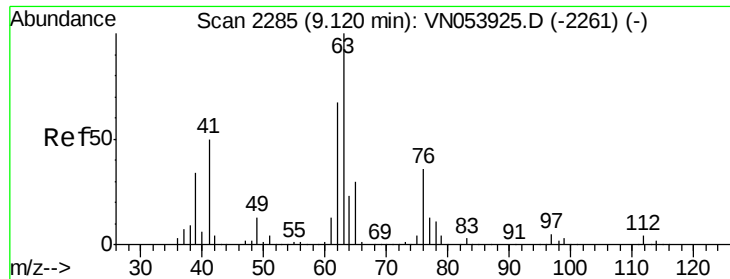


Abundance Ion 129.80 (129.50 to 130.50): VN053925.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053925.D (-2180) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 20.314 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

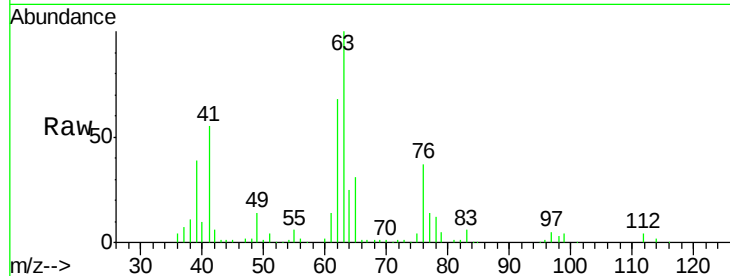
VN0302WBS01

Tot Ion: 63 Resp: 161410

Ion Ratio Lower Upper

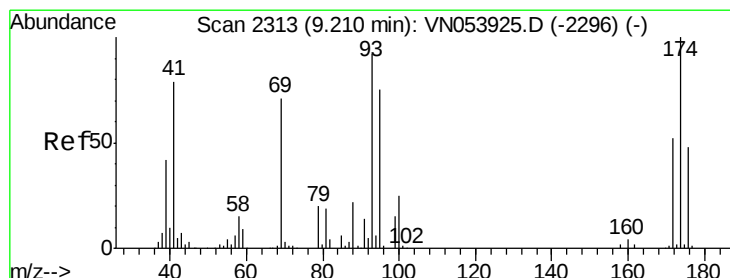
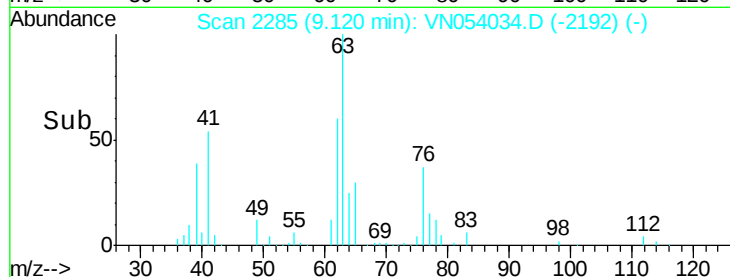
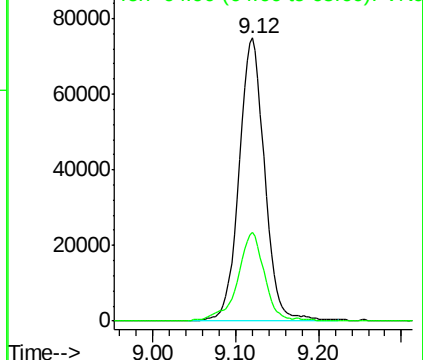
63 100

65 31.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.521 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

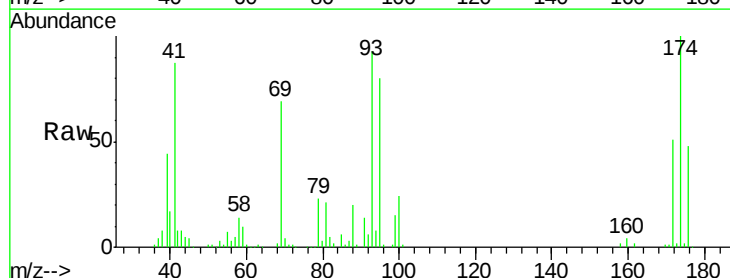
Tgt Ion: 93 Resp: 90048

Ion Ratio Lower Upper

93 100

95 85.7 66.6 100.0

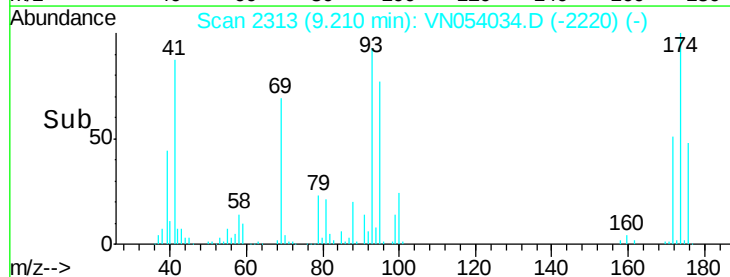
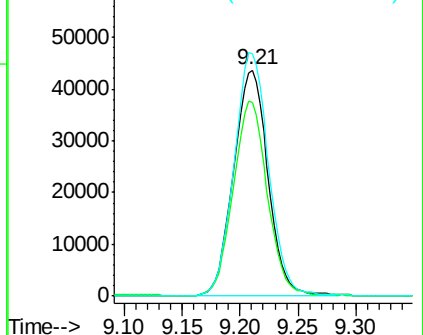
174 107.7 96.2 144.4

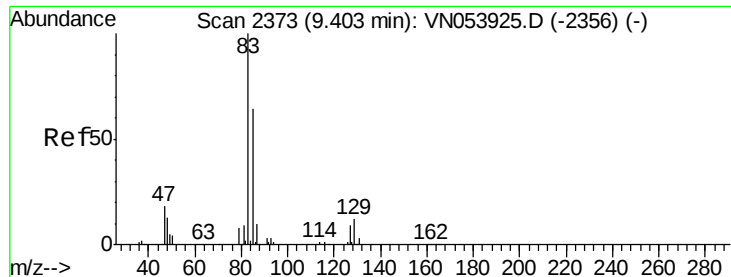


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.974 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

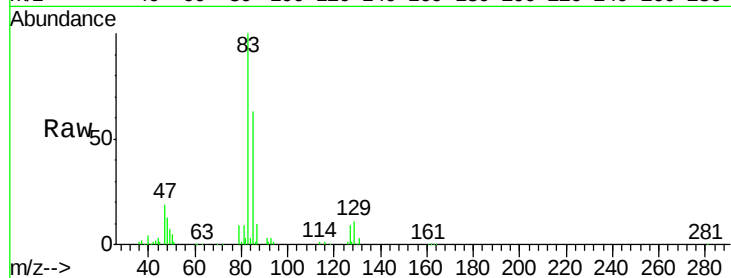
Tot Ion: 83 Resp: 194173

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

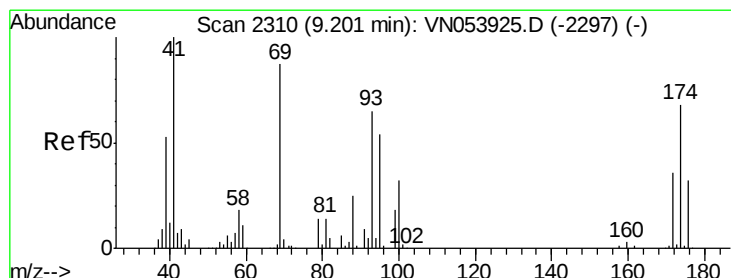
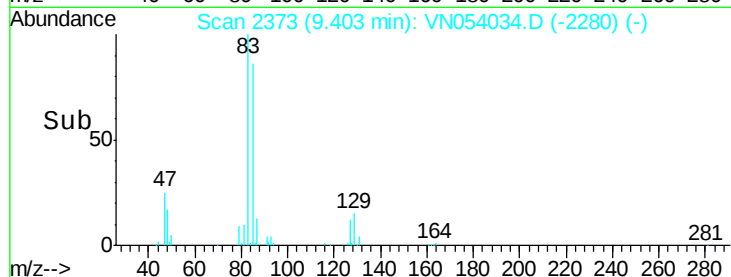
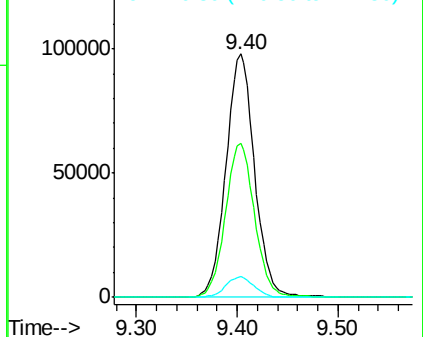
127 8.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN054034.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054034.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054034.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.275 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

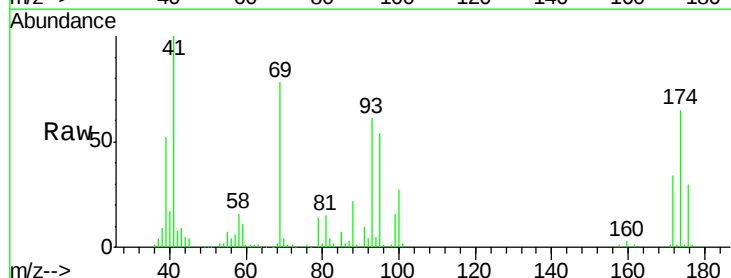
Tgt Ion: 41 Resp: 107787

Ion Ratio Lower Upper

41 100

69 85.7 74.8 112.2

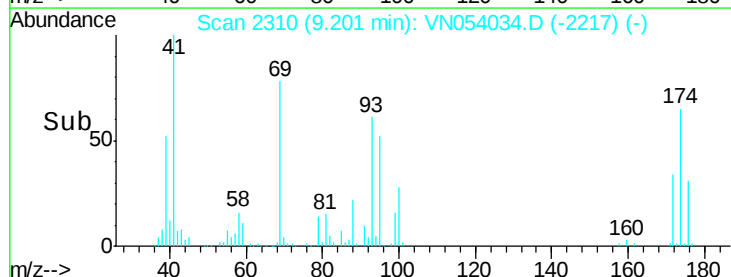
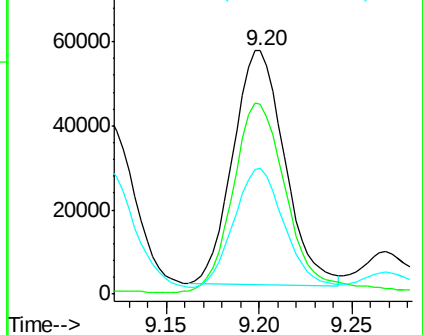
39 55.7 39.0 58.6

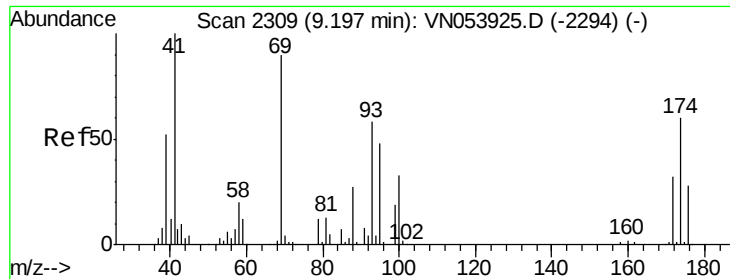


Abundance Ion 41.00 (40.70 to 41.70): VN054034.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054034.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054034.D (-2217) (-)

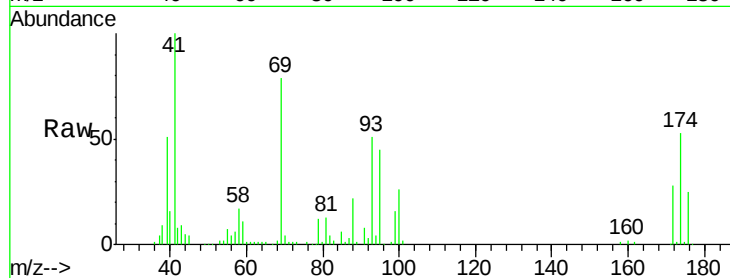




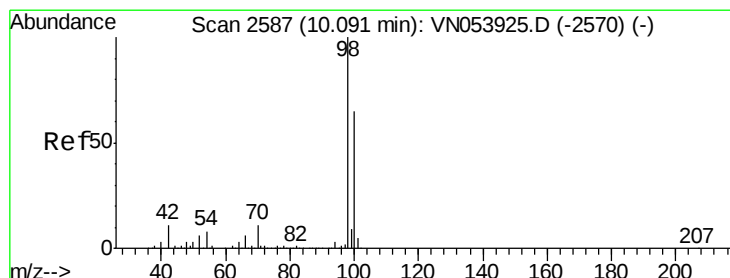
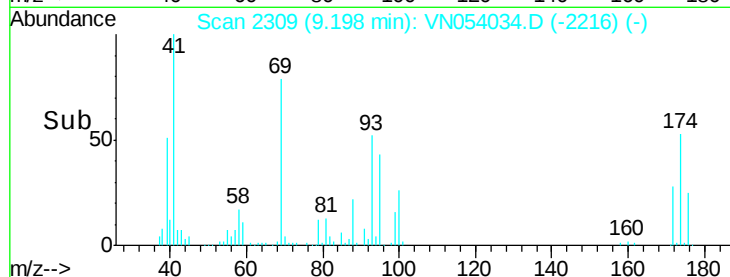
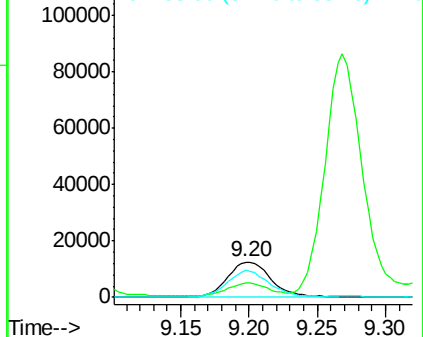
#49
 1,4-Dioxane
 Concen: 390.272 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion: 88 Resp: 28101
 Ion Ratio Lower Upper
 88 100
 43 33.5 21.2 31.8#
 58 73.6 54.2 81.2

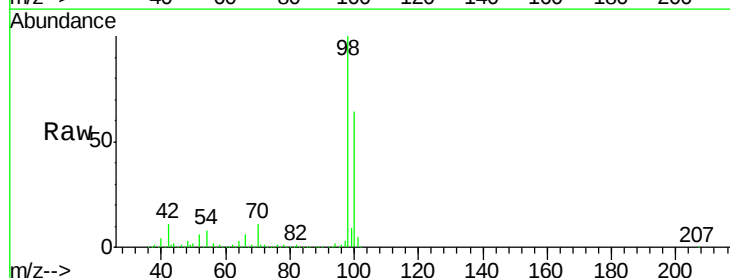


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

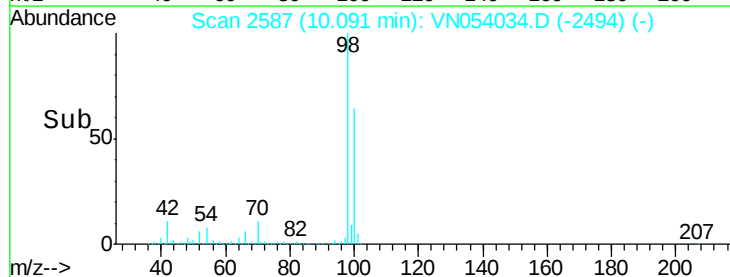
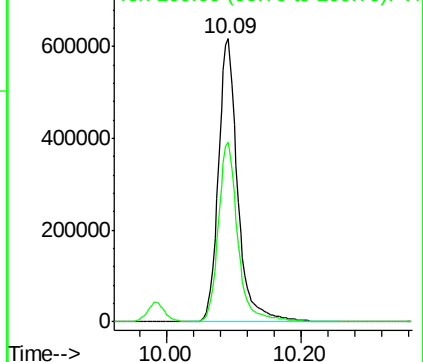


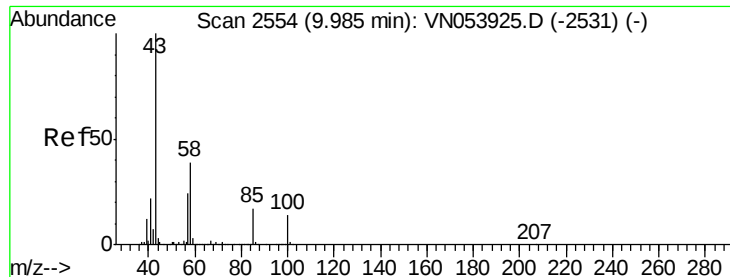
#50
 Toluene-d8
 Concen: 50.044 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 98 Resp: 1241849
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 103.305 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

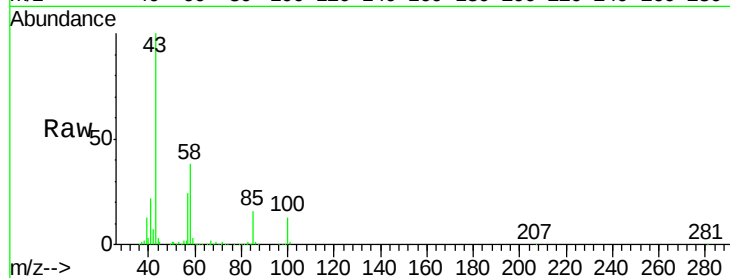
VN0302WBS01

Tot Ion: 43 Resp: 613534

Ion Ratio Lower Upper

43 100

58 37.8 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-2531) (-)

9.98

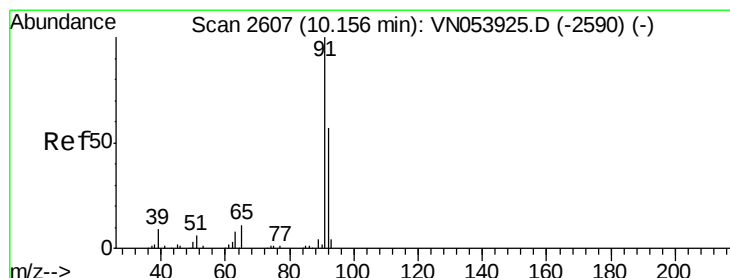
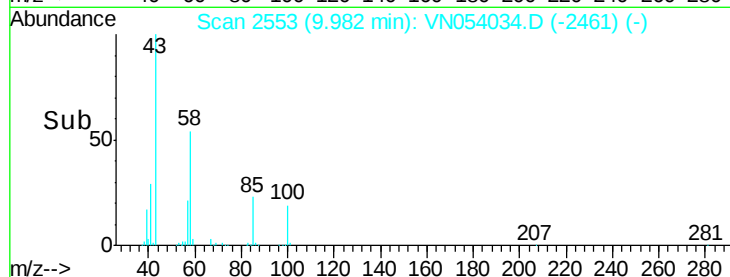
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.236 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054034.D

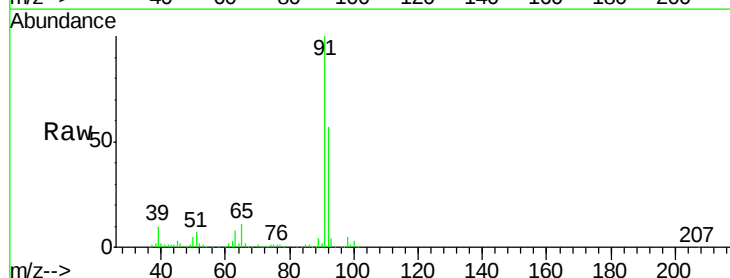
Acq: 1 Mar 2019 17:28

Tgt Ion: 92 Resp: 350916

Ion Ratio Lower Upper

92 100

91 174.5 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN053925.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN053925.D (-2590) (-)

10.16

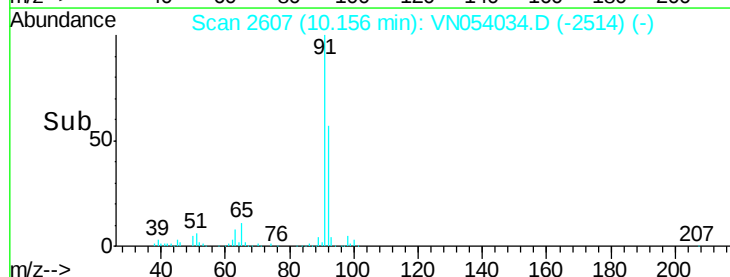
300000

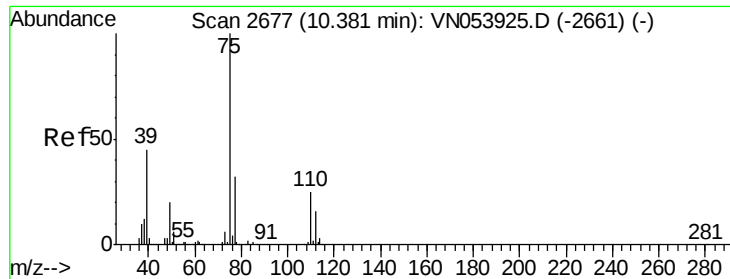
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.707 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

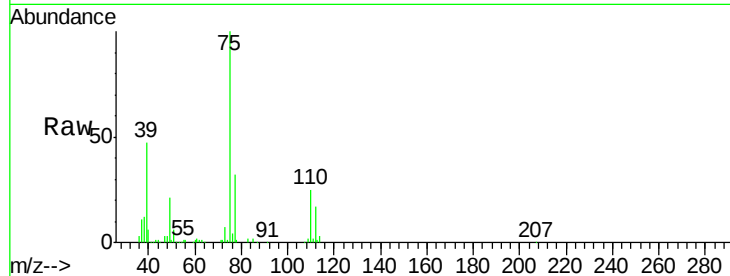
VN0302WBS01

Tot Ion: 75 Resp: 186402

Ion Ratio Lower Upper

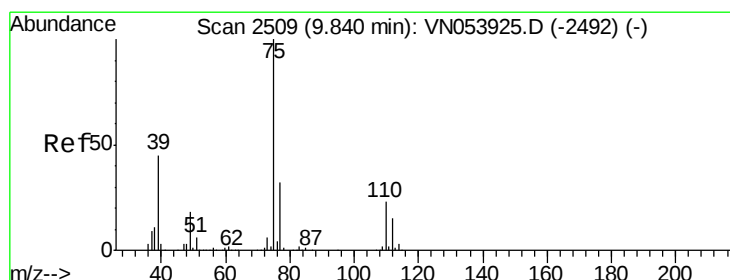
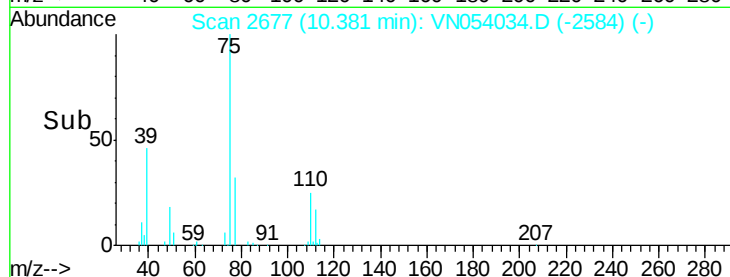
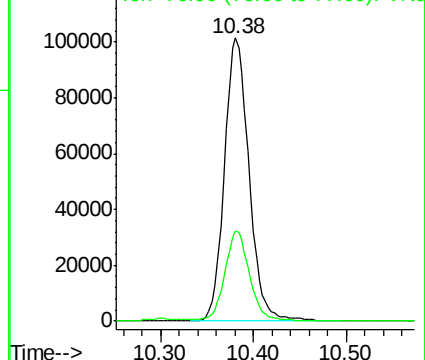
75 100

77 31.6 25.0 37.6



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: 19.747 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

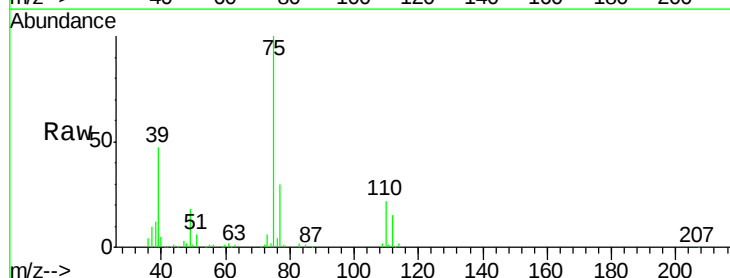
Tgt Ion: 75 Resp: 220190

Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.6

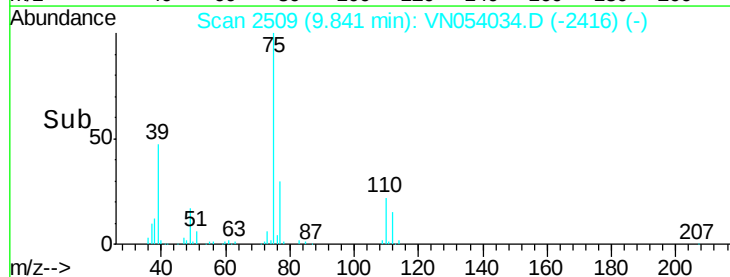
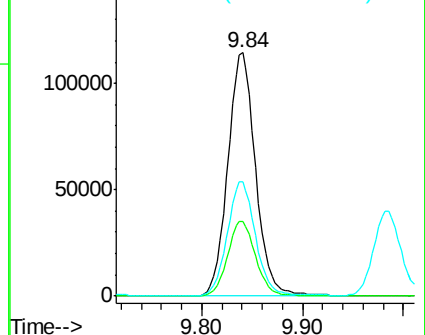
39 46.6 31.4 47.0

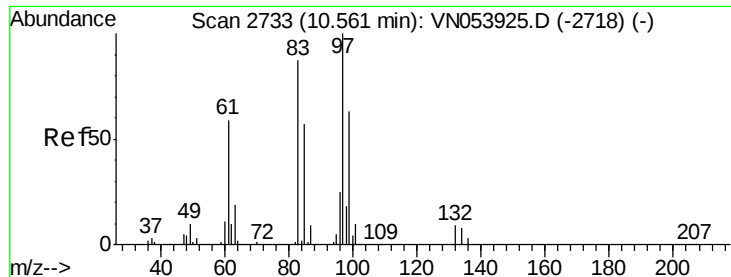


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

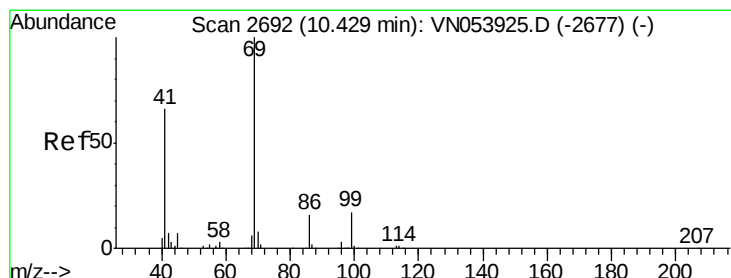
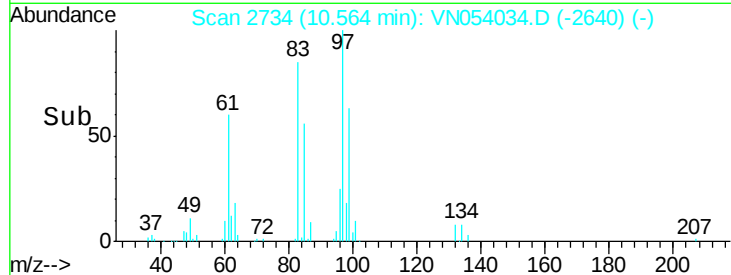
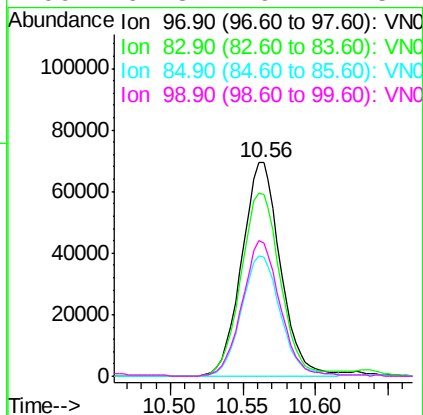
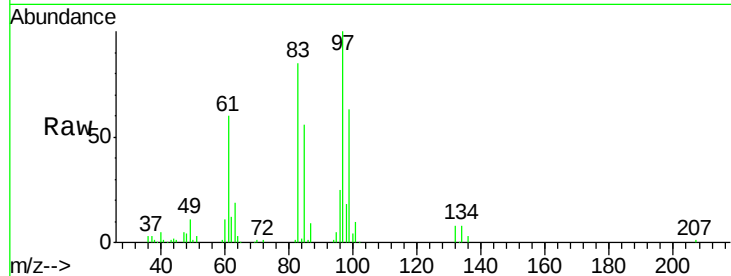




#55
 1,1,2-Trichloroethane
 Concen: 19.918 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

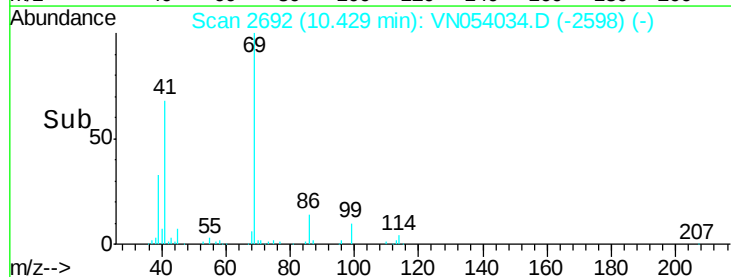
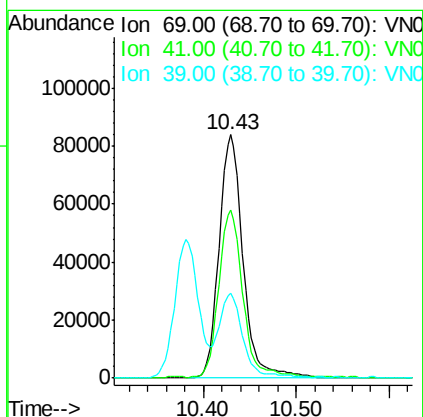
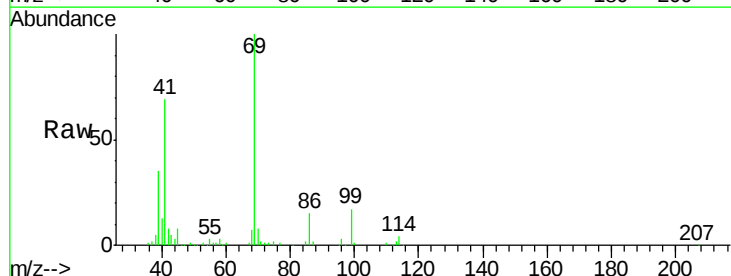
Instrument :
 MSVOA_N
 ClientSampled :
 VN0302WBS01

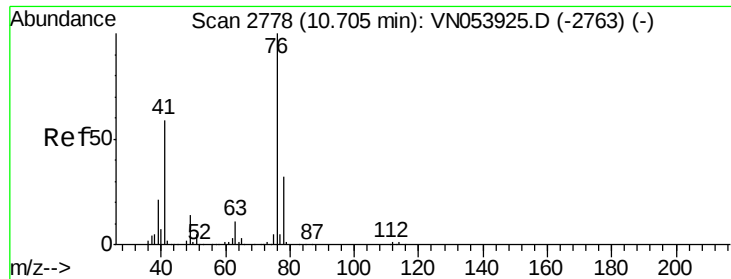
Tot Ion: 97 Resp: 128995
 Ion Ratio Lower Upper
 97 100
 83 85.0 69.5 104.3
 85 55.6 45.9 68.9
 99 62.3 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 18.992 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 69 Resp: 150563
 Ion Ratio Lower Upper
 69 100
 41 68.7 47.5 71.3
 39 31.3 23.4 35.0

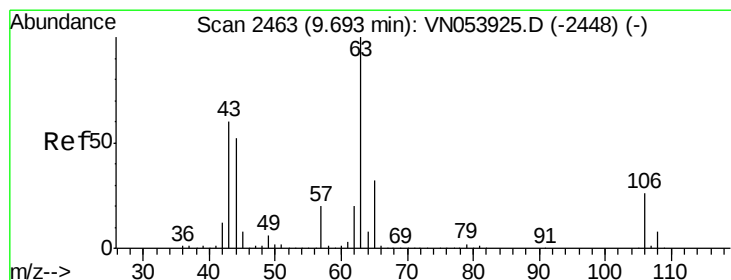
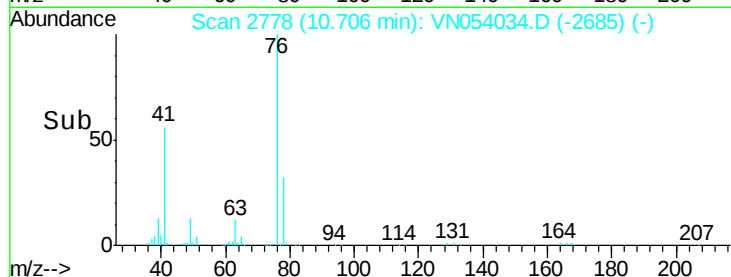
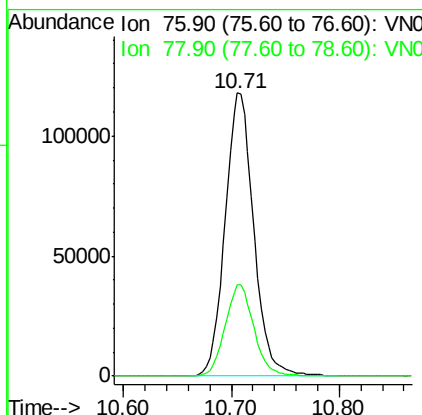
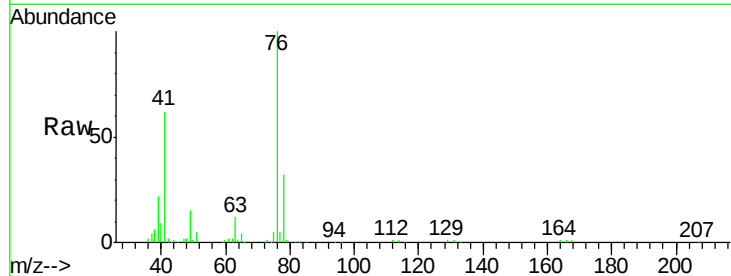




#57
 1,3-Dichloropropane
 Concen: 19.870 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

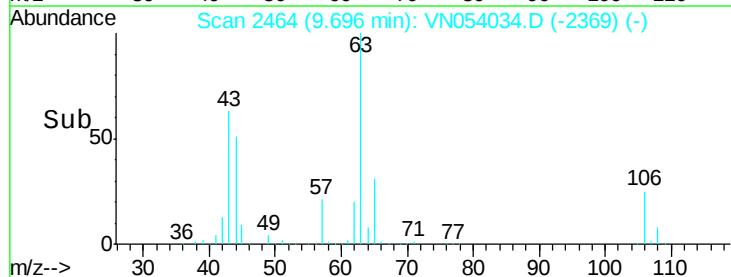
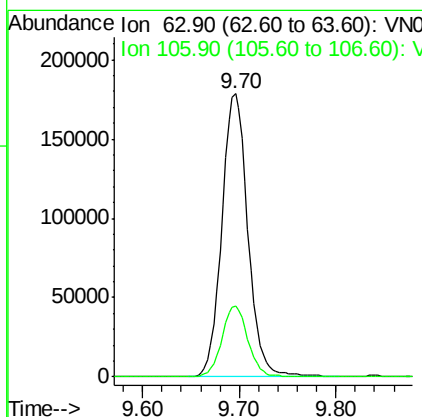
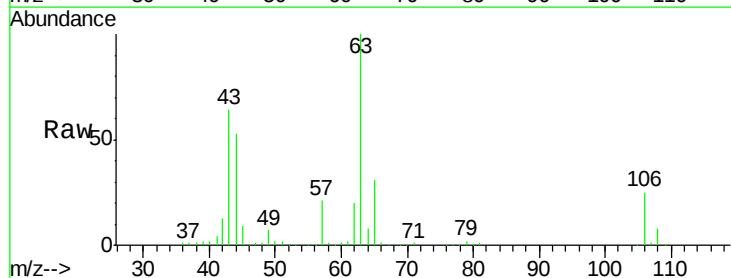
Instrument :
 MSVOA_N
 ClientSampled :
 VN0302WBS01

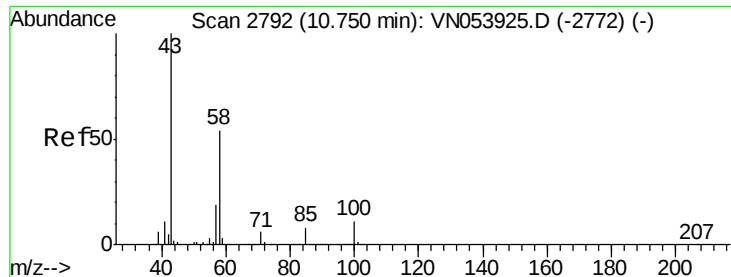
Tot Ion: 76 Resp: 217432
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.547 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 63 Resp: 334205
 Ion Ratio Lower Upper
 63 100
 106 25.2 22.2 33.2

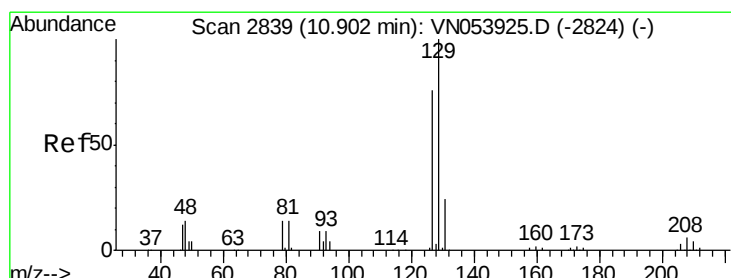
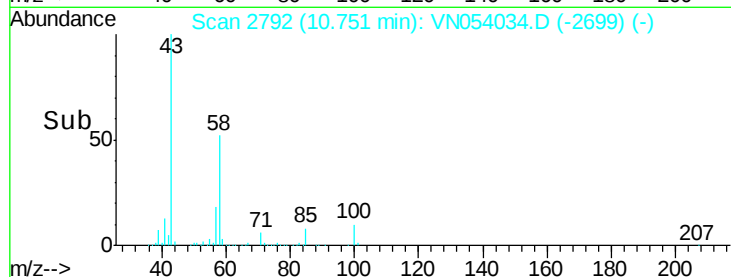
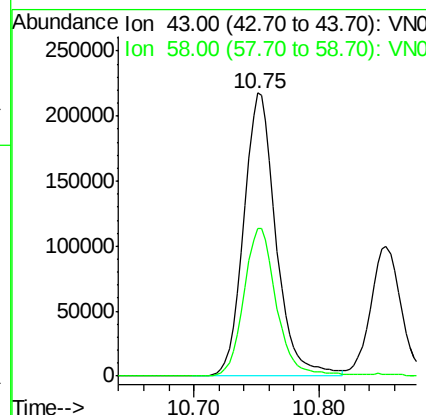
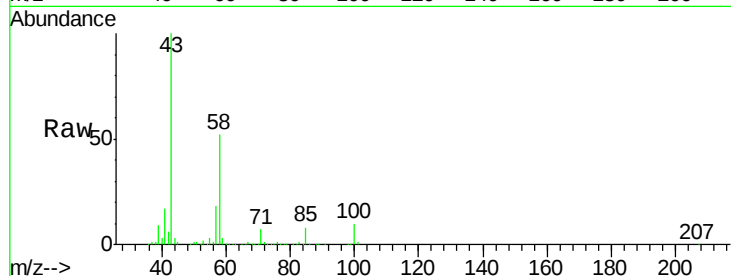




#59
2-Hexanone
Concen: 100.268 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

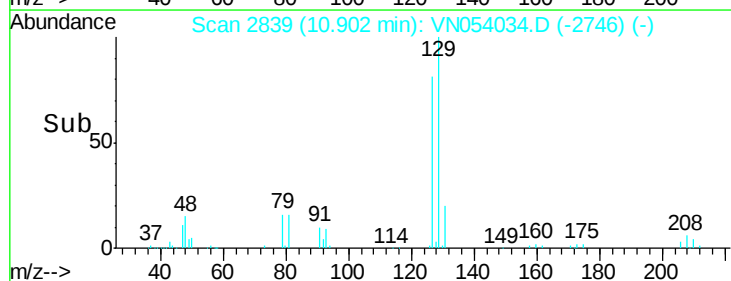
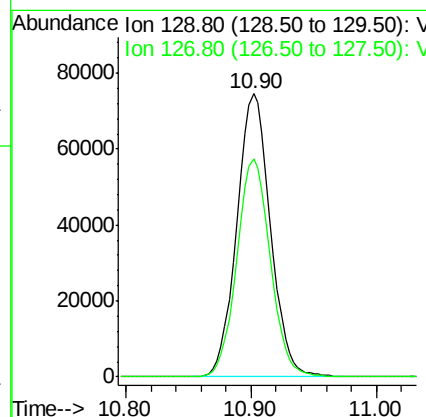
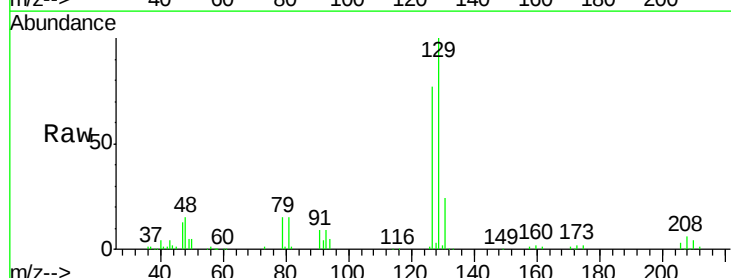
Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

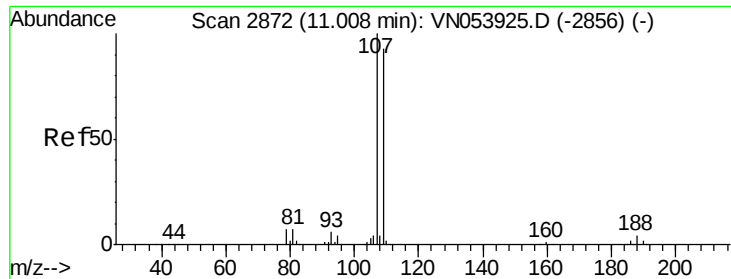
Tot Ion: 43 Resp: 387301
Ion Ratio Lower Upper
43 100
58 53.1 29.1 87.4



#60
Dibromochloromethane
Concen: 19.262 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 129 Resp: 138637
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.016 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

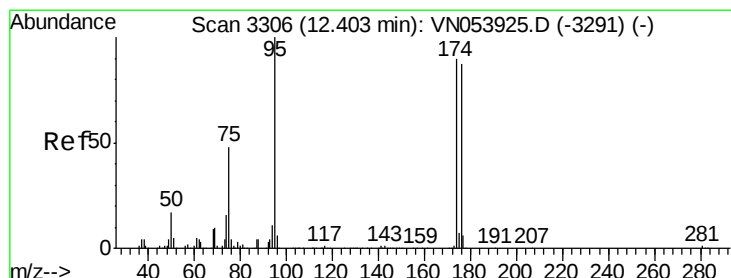
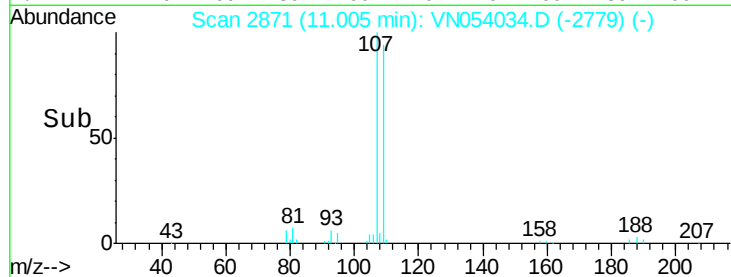
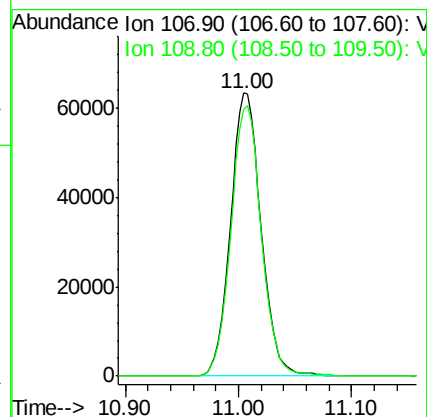
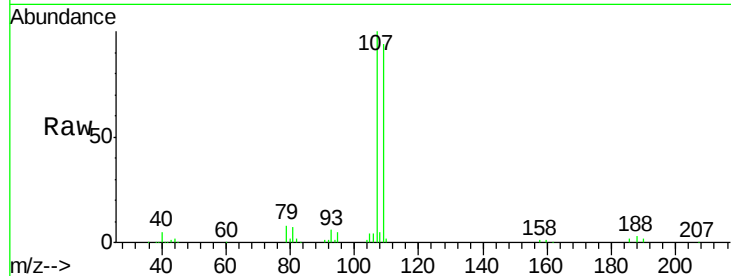
VN0302WBS01

Tot Ion:107 Resp: 118800

Ion Ratio Lower Upper

107 100

109 95.5 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 48.560 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

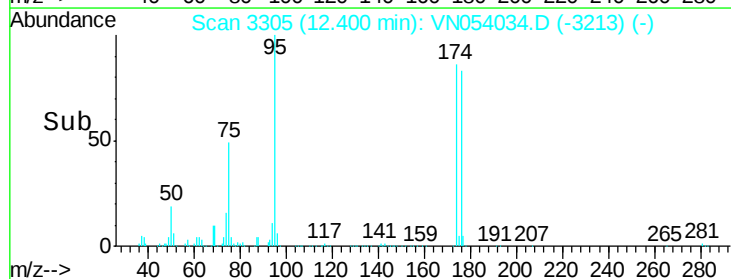
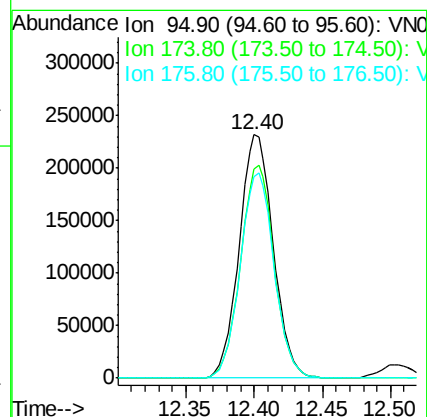
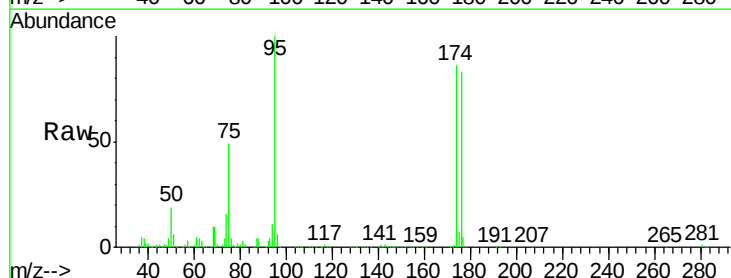
Tgt Ion: 95 Resp: 401475

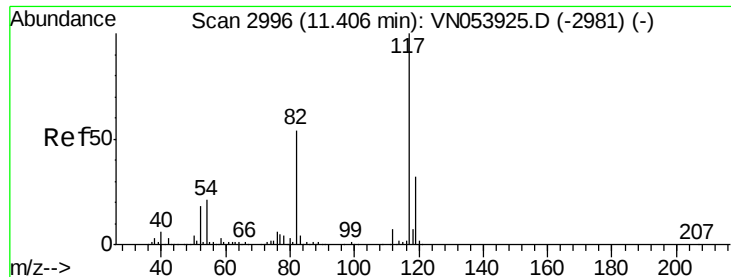
Ion Ratio Lower Upper

95 100

174 86.3 0.0 188.8

176 83.9 0.0 182.6

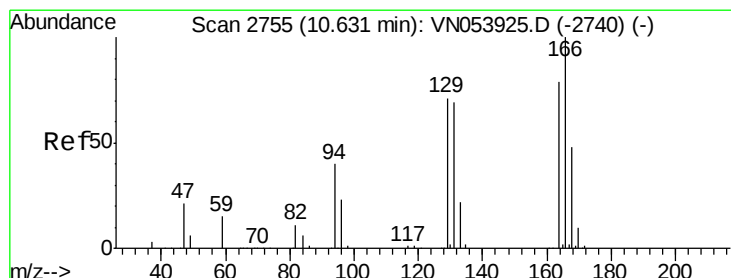
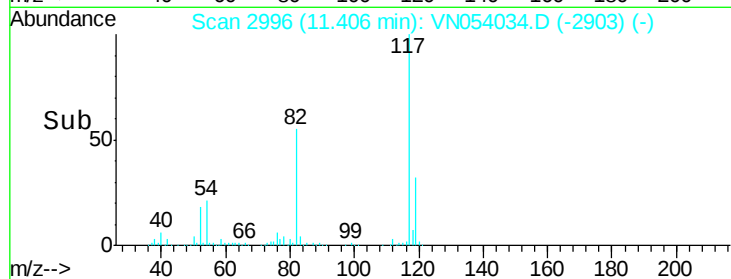
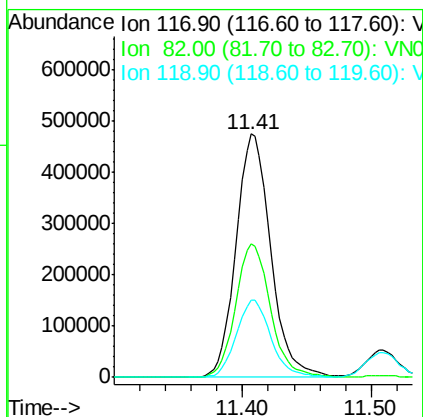
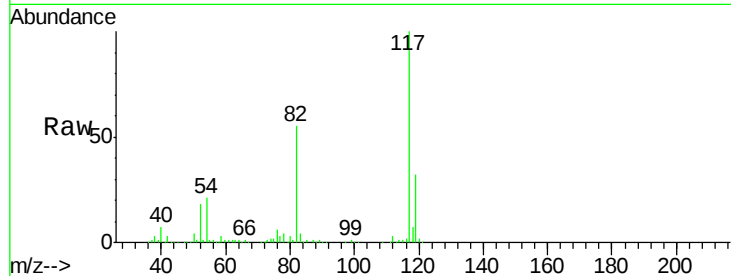




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

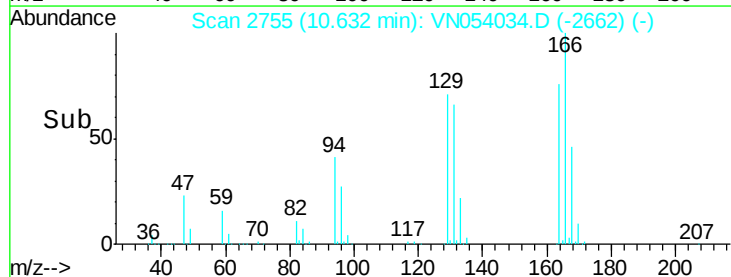
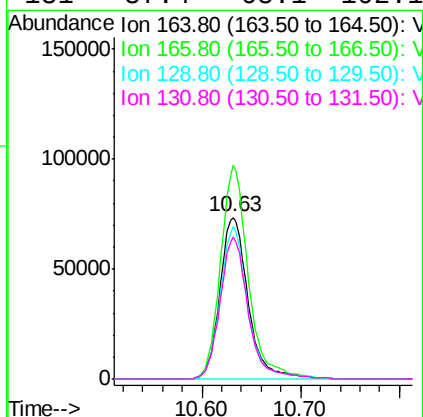
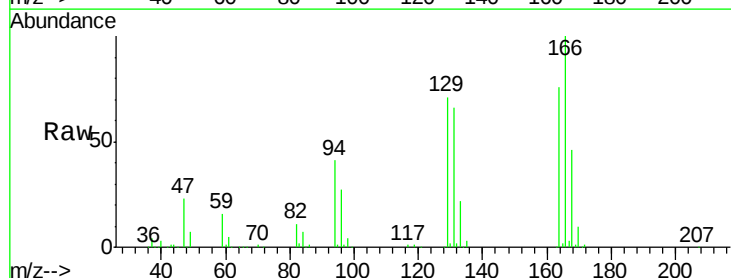
Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion:117 Resp: 889846
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 19.599 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion:164 Resp: 147677
Ion Ratio Lower Upper
164 100
166 131.9 102.6 153.8
129 93.8 69.4 104.0
131 87.4 68.1 102.1

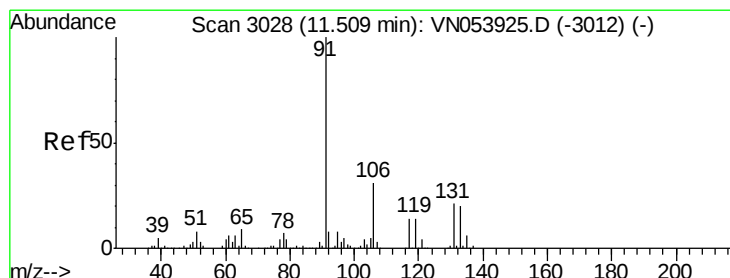
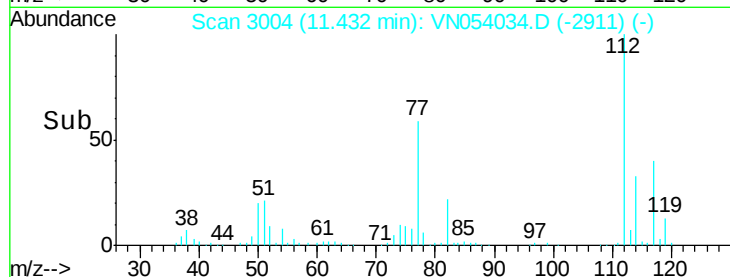
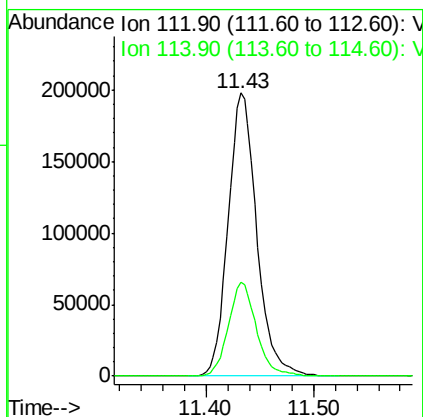
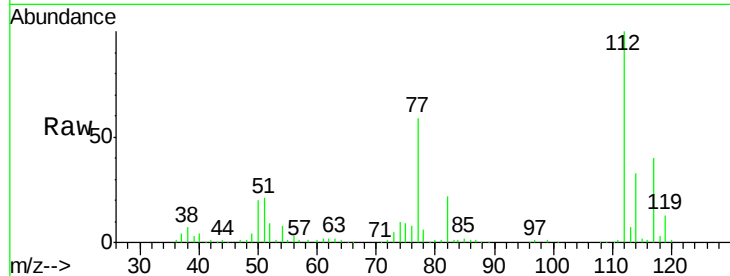




#65
Chlorobenzene
Concen: 19.498 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

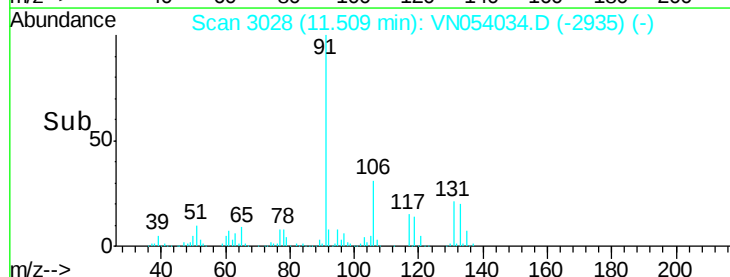
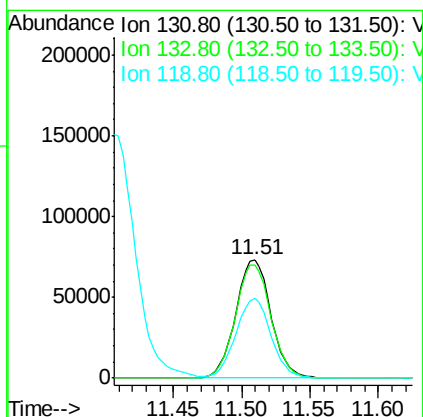
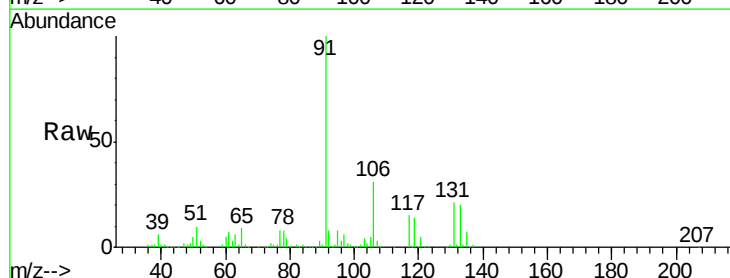
Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

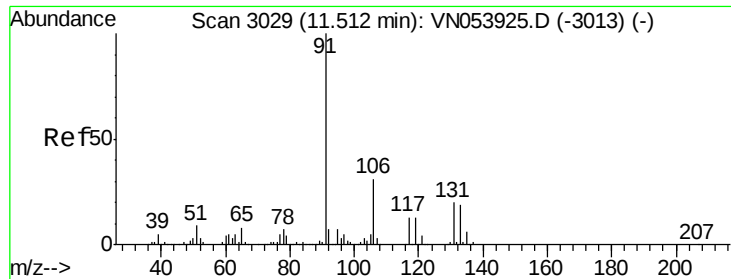
Tot Ion:112 Resp: 366180
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.488 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion:131 Resp: 131899
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 67.2 33.1 99.3

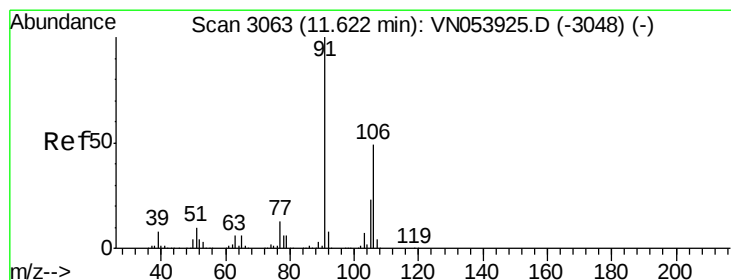
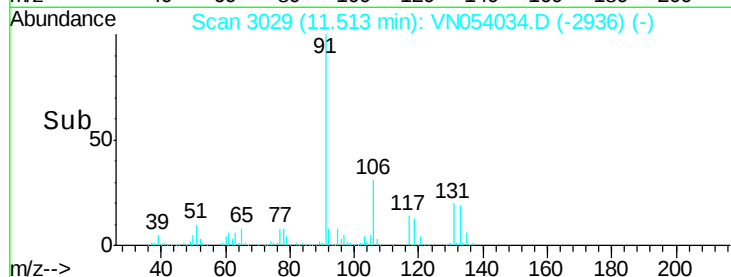
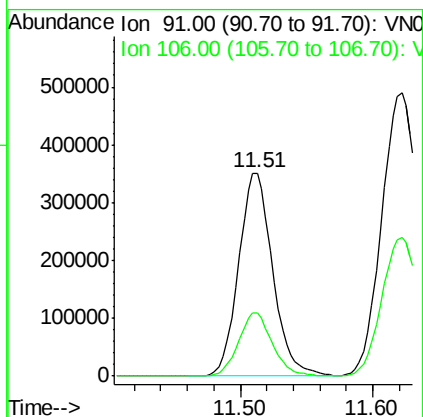
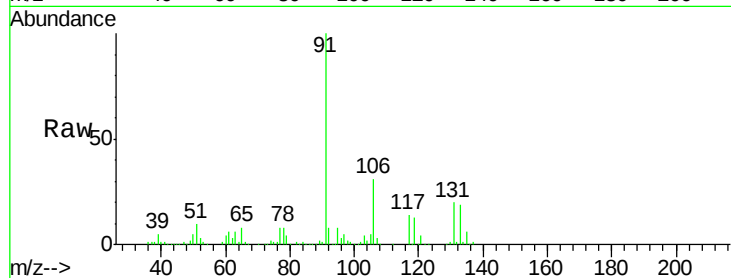




#67
Ethyl Benzene
Concen: 19.922 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

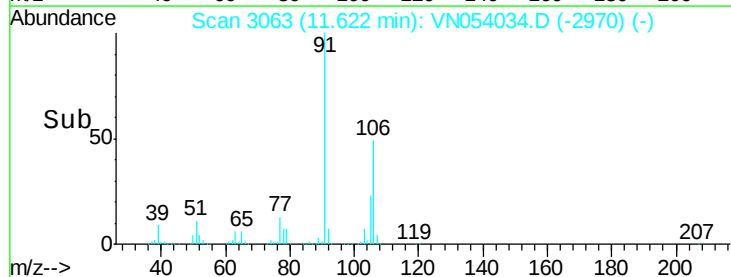
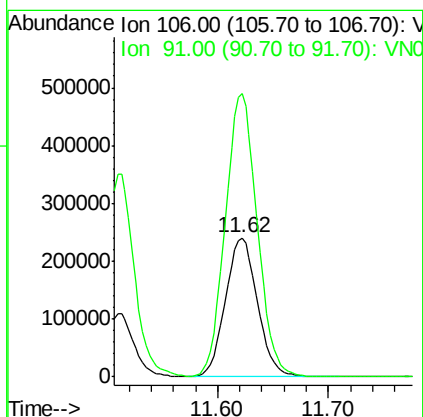
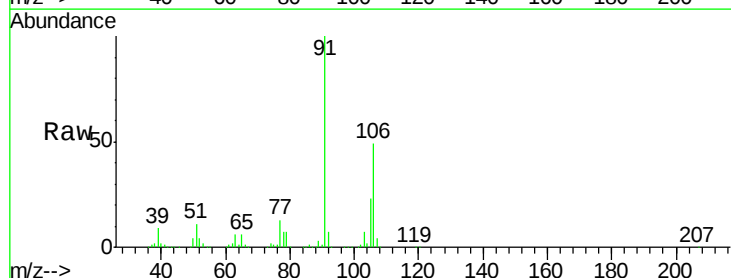
Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

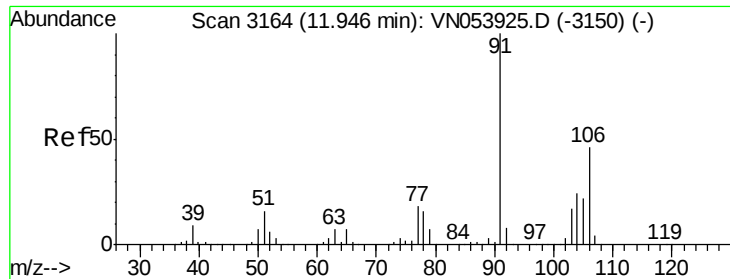
Tot Ion: 91 Resp: 627197
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 40.649 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 106 Resp: 483008
Ion Ratio Lower Upper
106 100
91 203.2 158.9 238.3

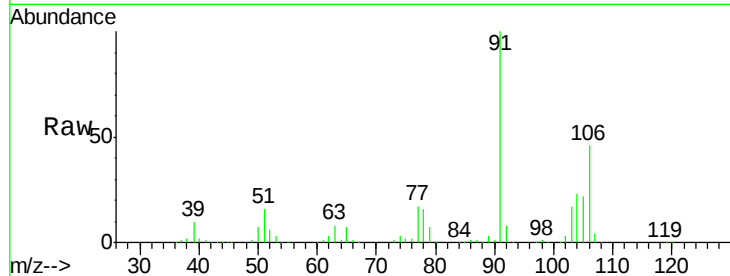




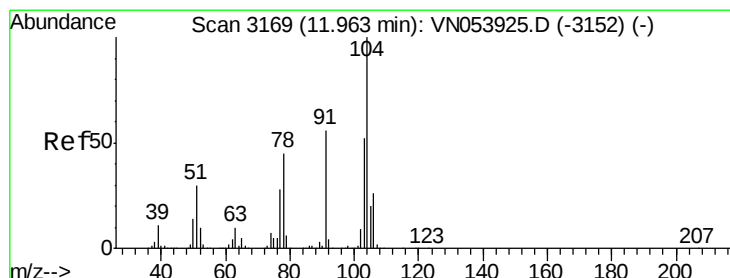
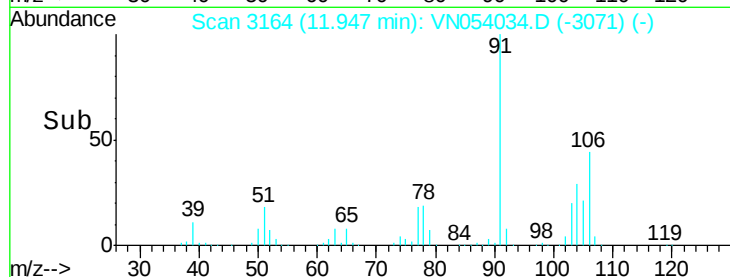
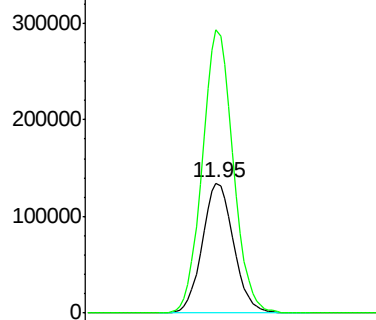
#69
o-Xylene
Concen: 19.917 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion:106 Resp: 232538
Ion Ratio Lower Upper
106 100
91 214.7 106.0 318.0

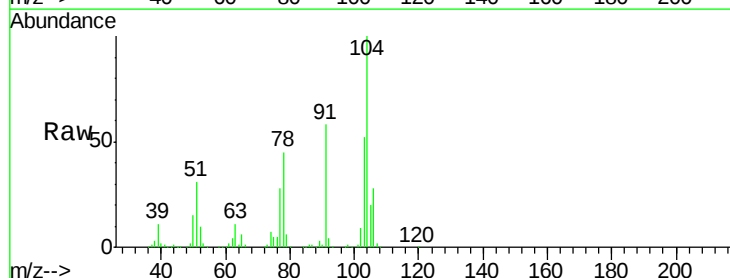


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

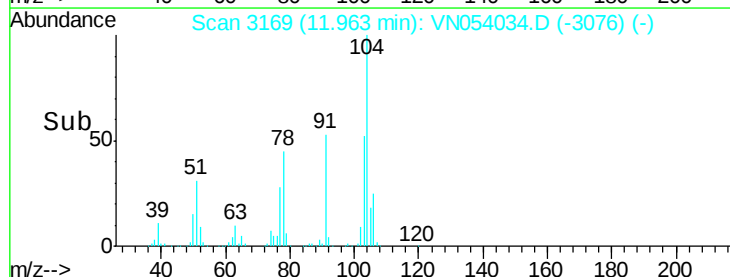
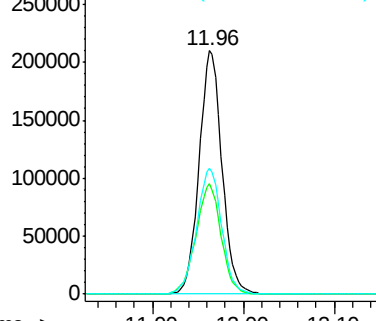


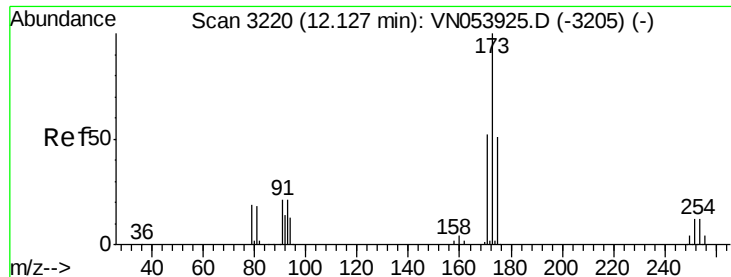
#70
Styrene
Concen: 20.387 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion:104 Resp: 366116
Ion Ratio Lower Upper
104 100
78 49.8 38.1 57.1
103 56.5 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

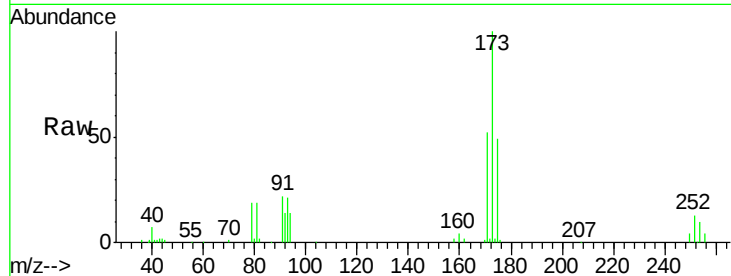




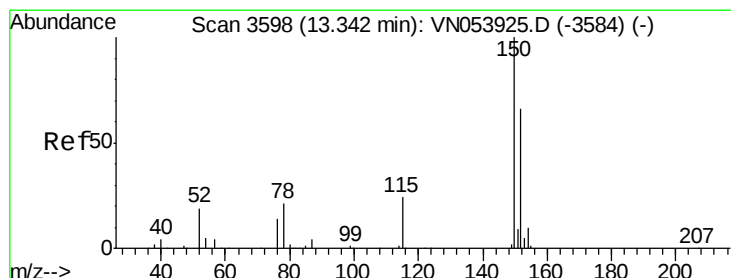
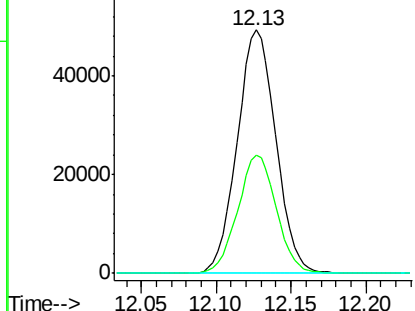
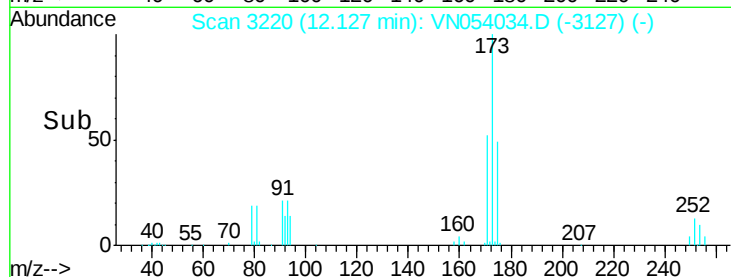
#71
 Bromoform
 Concen: 18.801 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion:173 Resp: 88526
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.3 72.8
 254 0.0 0.2 0.2#

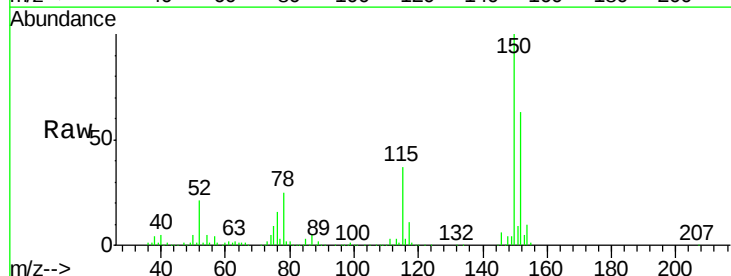


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

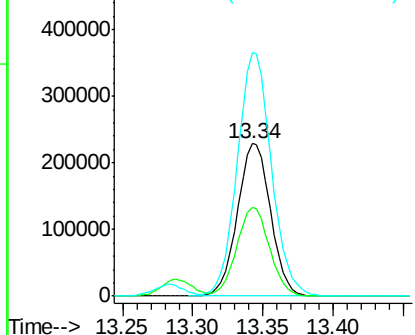
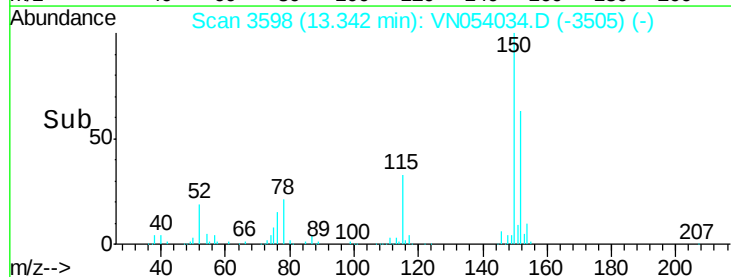


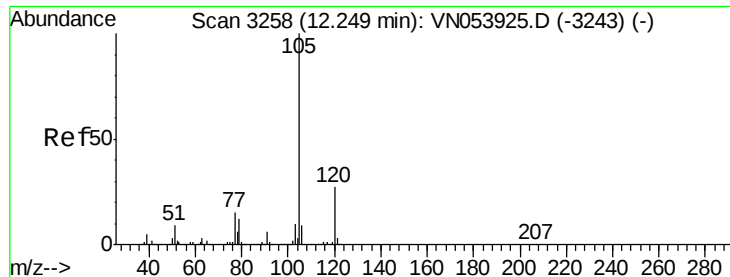
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion:152 Resp: 376973
 Ion Ratio Lower Upper
 152 100
 115 57.6 27.2 81.6
 150 164.2 0.0 348.2



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: 20.888 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

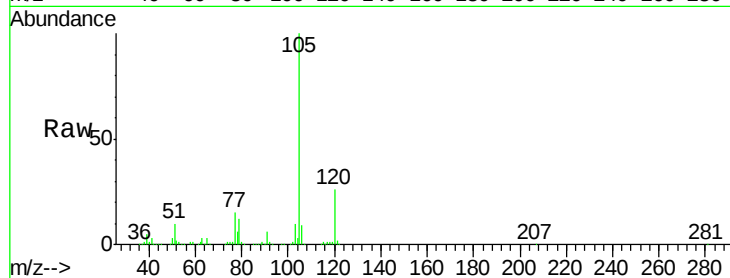
VN0302WBS01

Tot Ion: 105 Resp: 612958

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

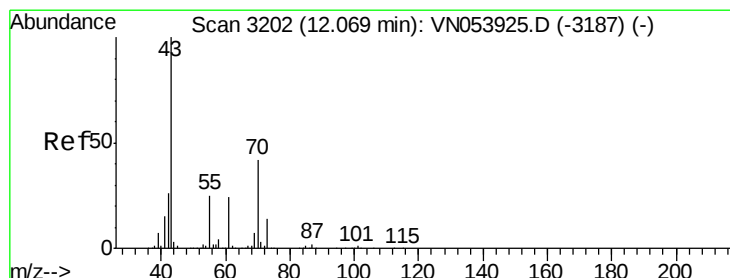
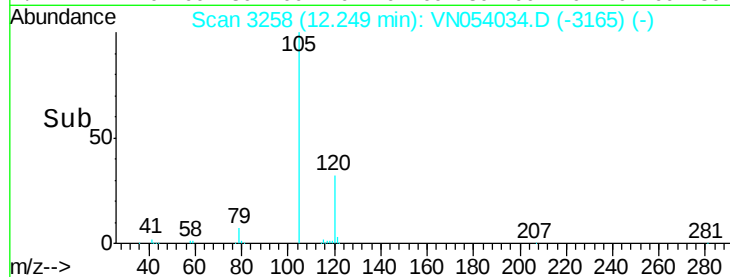
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.275 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Tgt Ion: 43 Resp: 163626

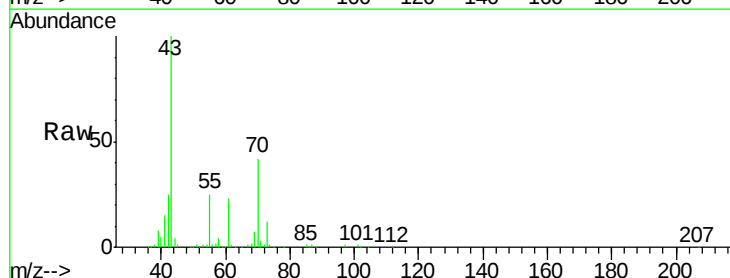
Ion Ratio Lower Upper

43 100

70 41.3 37.4 56.2

55 24.7 21.4 32.0

61 23.0 20.9 31.3



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

12.07

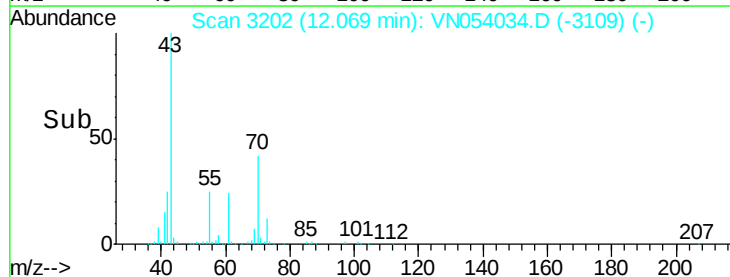
150000

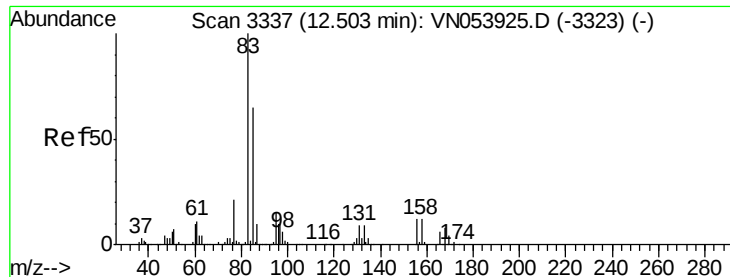
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.516 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

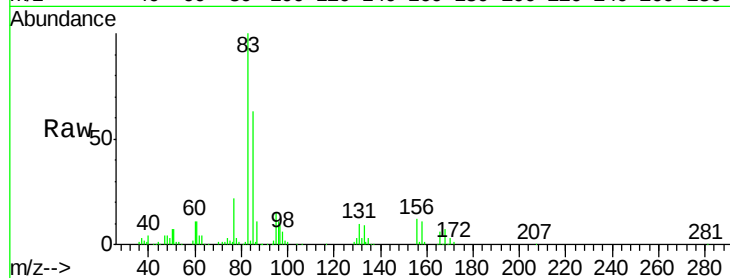
Tot Ion: 83 Resp: 150549

Ion Ratio Lower Upper

83 100

131 9.9 5.3 16.1

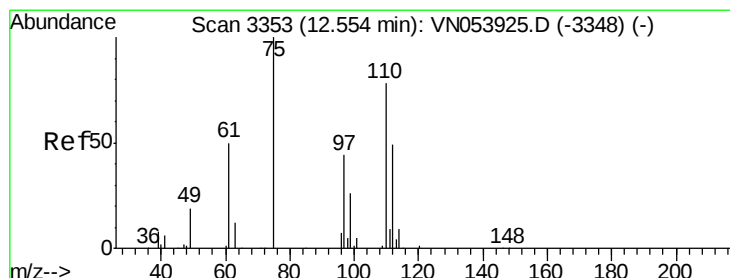
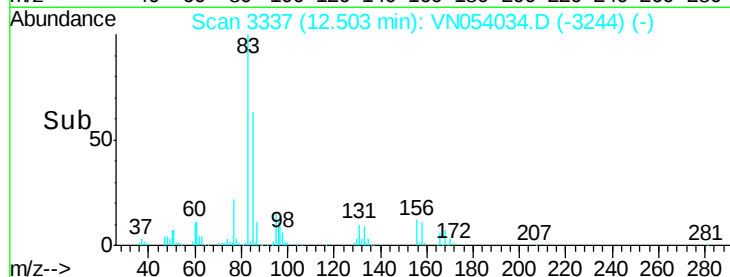
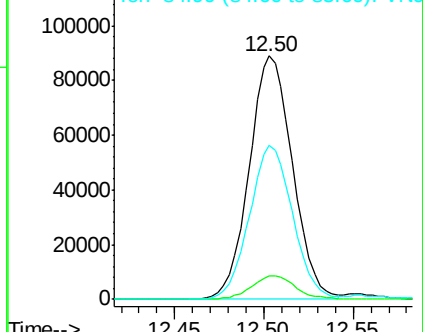
85 63.3 31.9 95.9



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: 30.192 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054034.D

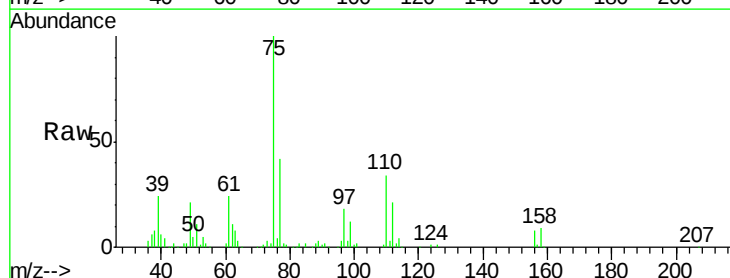
Acq: 1 Mar 2019 17:28

Tgt Ion: 75 Resp: 182579

Ion Ratio Lower Upper

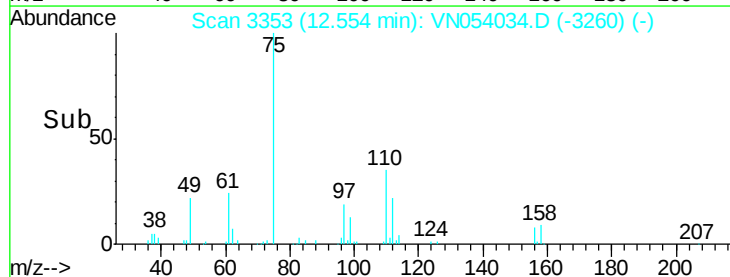
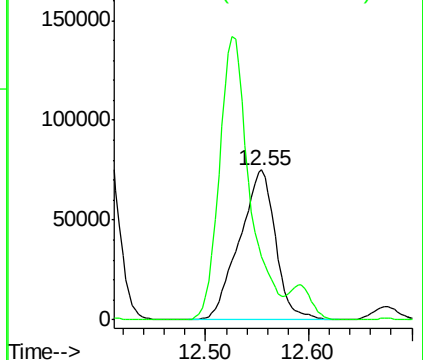
75 100

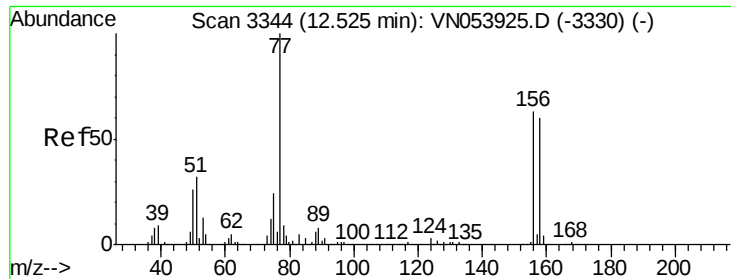
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.300 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

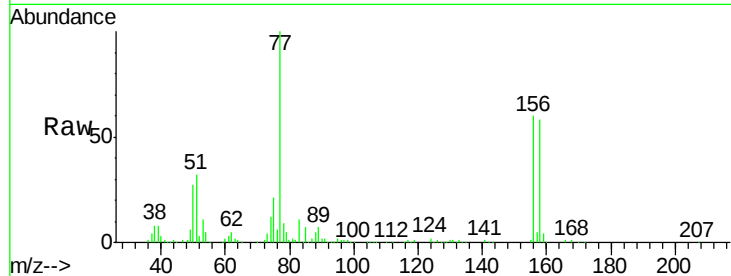
Tot Ion:156 Resp: 151244

Ion Ratio Lower Upper

156 100

77 191.7 84.0 252.2

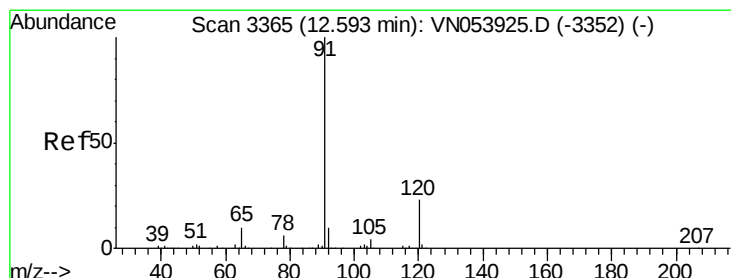
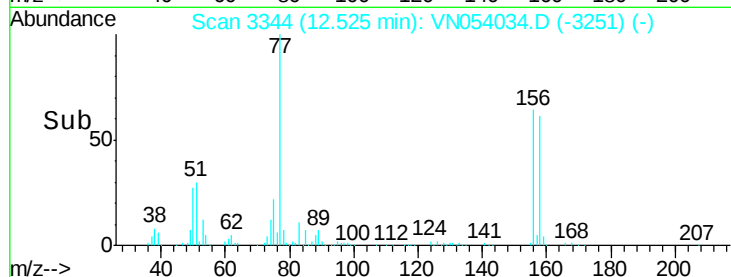
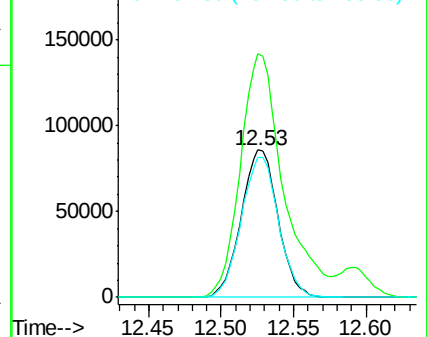
158 96.9 48.5 145.6



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: 20.946 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054034.D

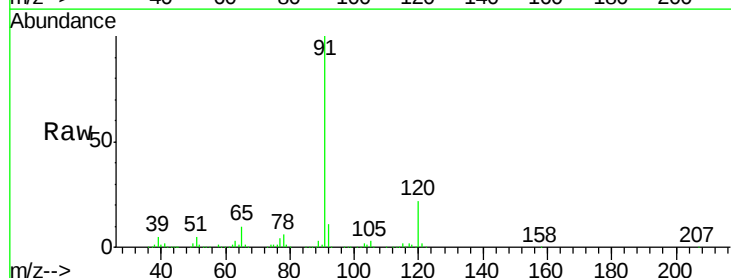
Acq: 1 Mar 2019 17:28

Tgt Ion: 91 Resp: 699011

Ion Ratio Lower Upper

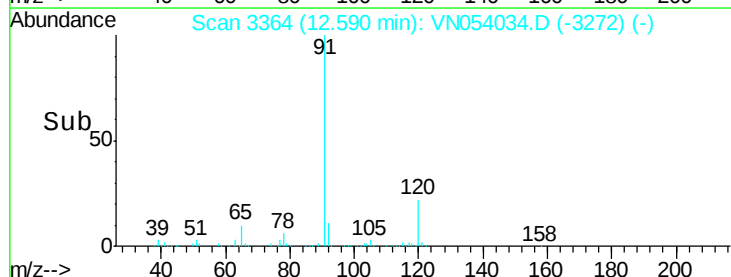
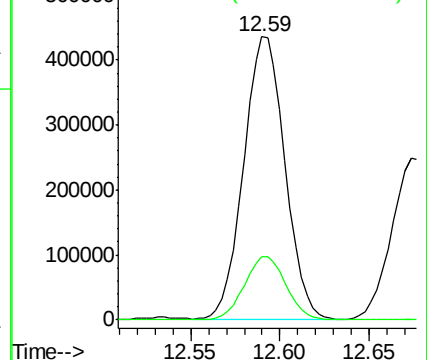
91 100

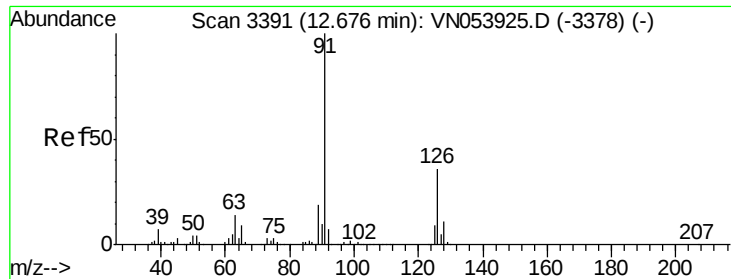
120 22.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

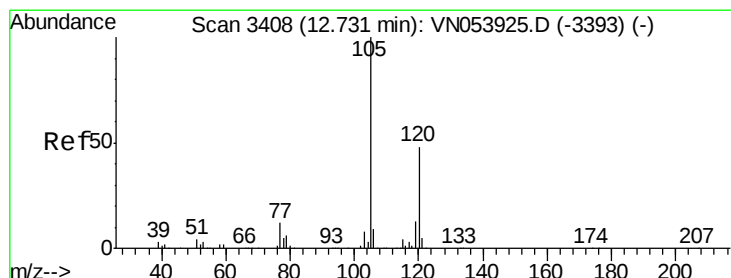
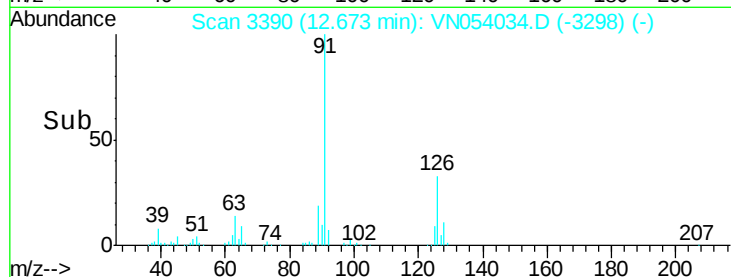
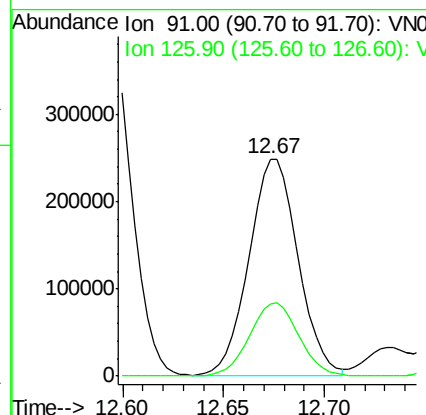
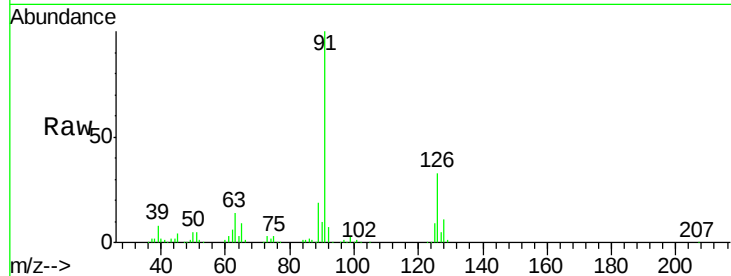




#79
 2-Chlorotoluene
 Concen: 21.021 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

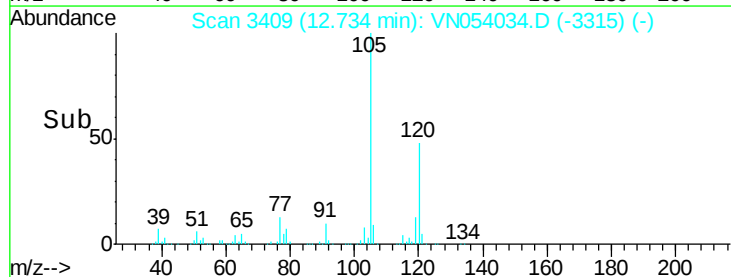
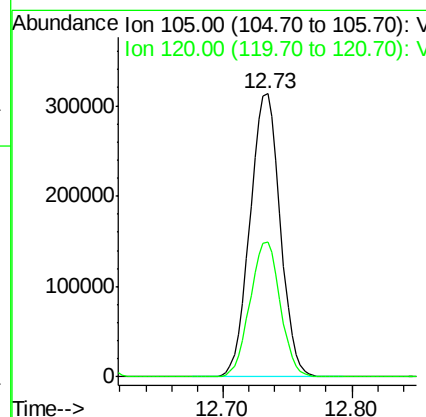
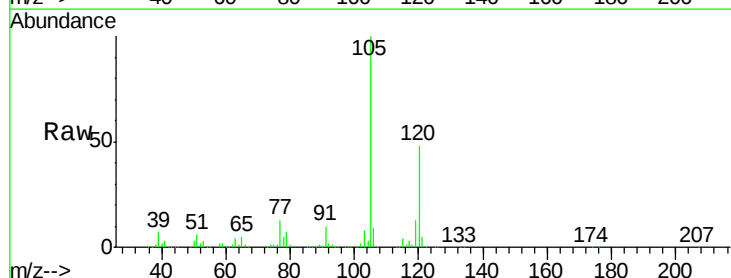
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

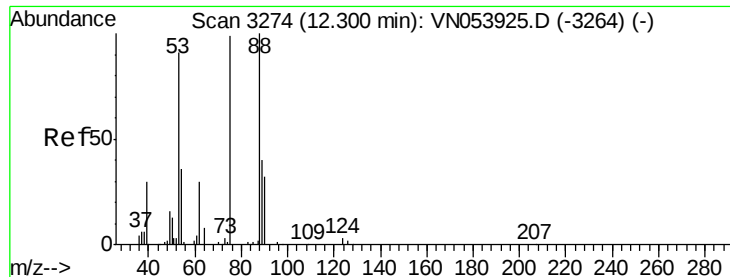
Tot Ion: 91 Resp: 421422
 Ion Ratio Lower Upper
 91 100
 126 34.1 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.293 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion: 105 Resp: 511541
 Ion Ratio Lower Upper
 105 100
 120 47.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.292 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

VN0302WBS01

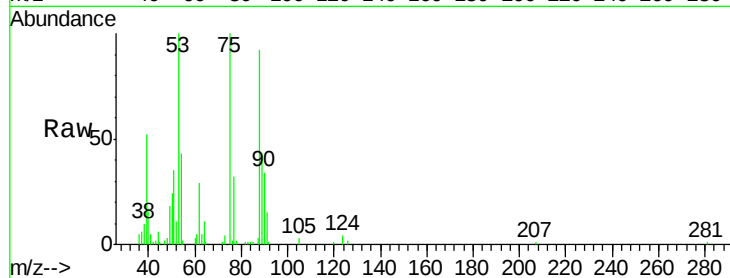
Tot Ion: 75 Resp: 36912

Ion Ratio Lower Upper

75 100

53 100.6 68.6 102.8

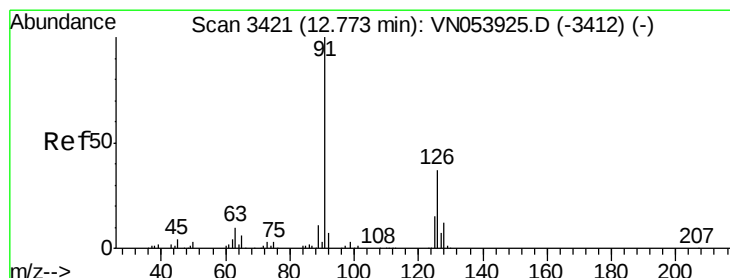
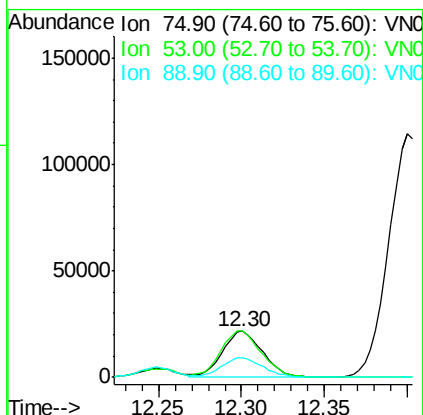
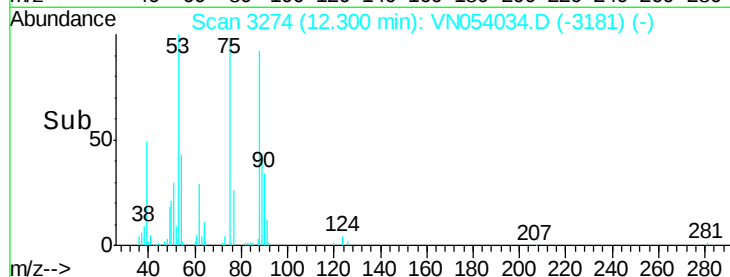
89 42.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.922 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054034.D

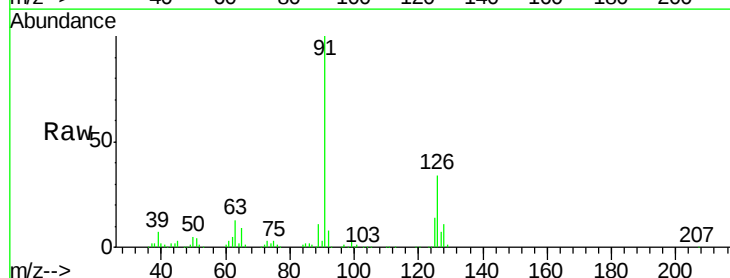
Acq: 1 Mar 2019 17:28

Tgt Ion: 91 Resp: 414545

Ion Ratio Lower Upper

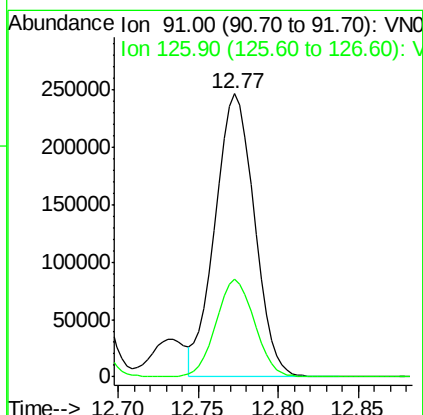
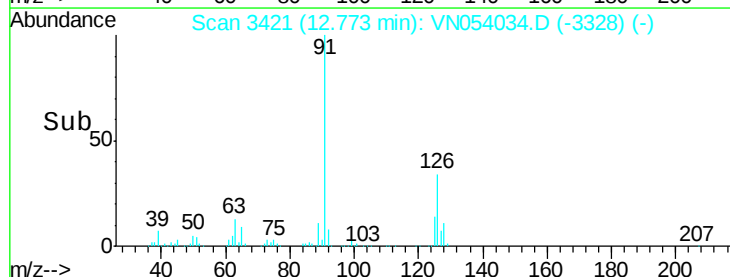
91 100

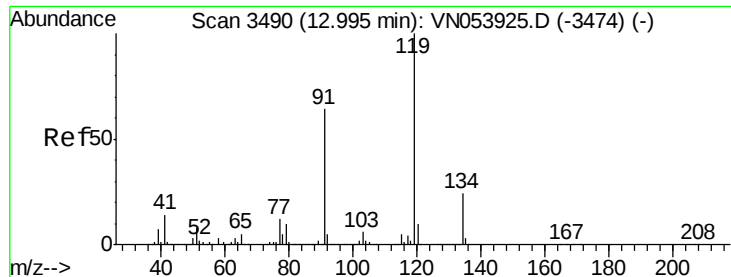
126 33.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

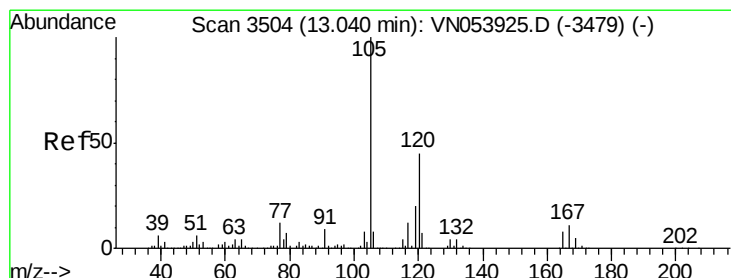
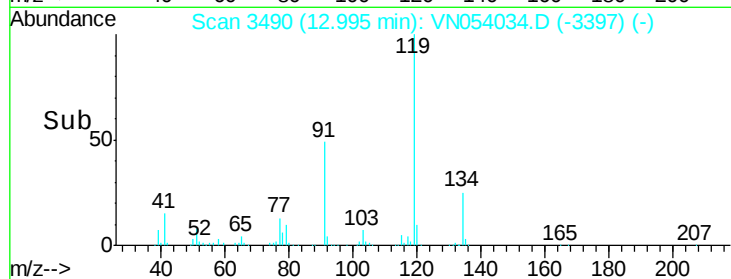
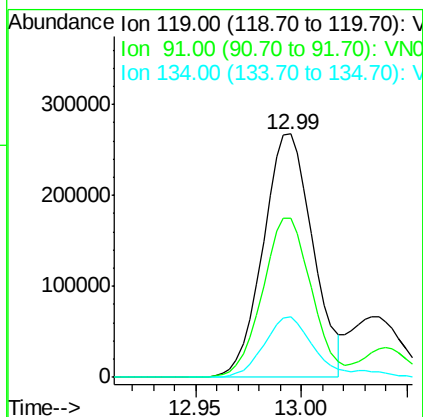
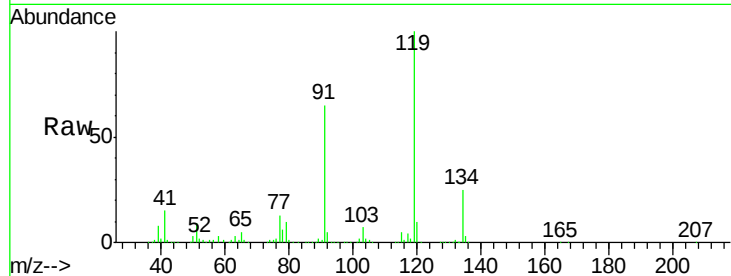




#83
 tert-Butylbenzene
 Concen: 20.646 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

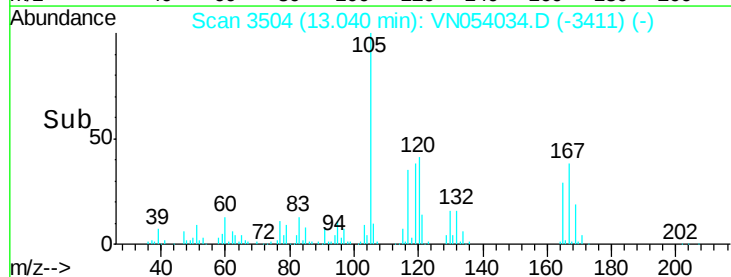
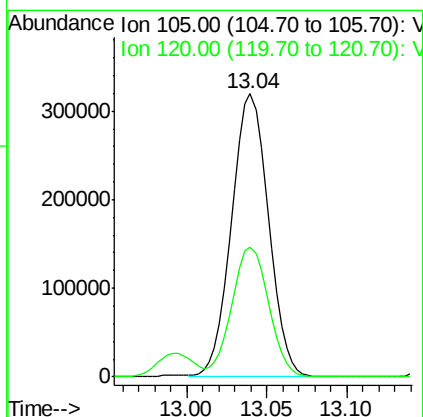
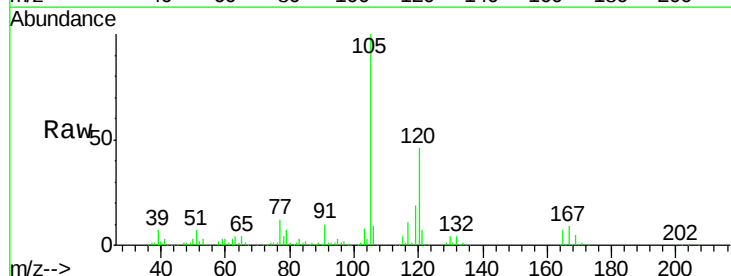
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

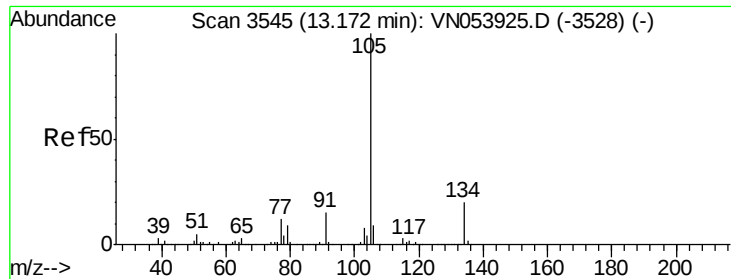
Tot Ion:119 Resp: 438666
 Ion Ratio Lower Upper
 119 100
 91 64.4 30.6 91.8
 134 26.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.918 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion:105 Resp: 501683
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.508 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

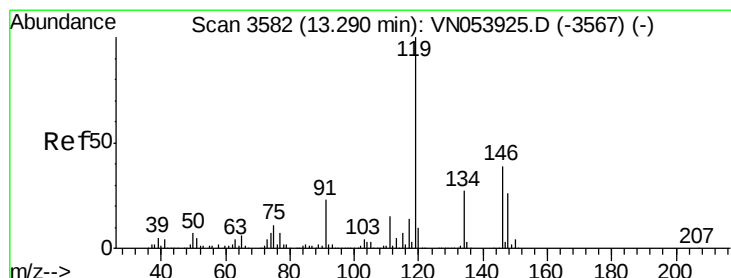
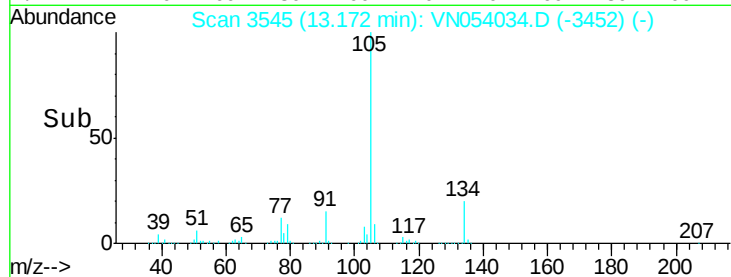
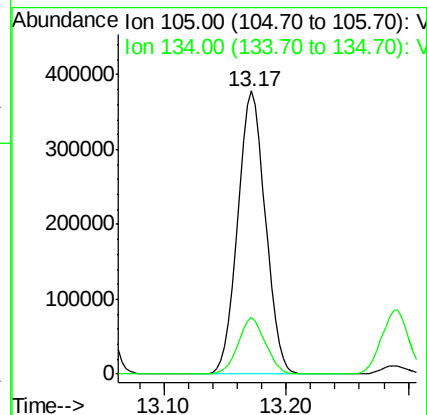
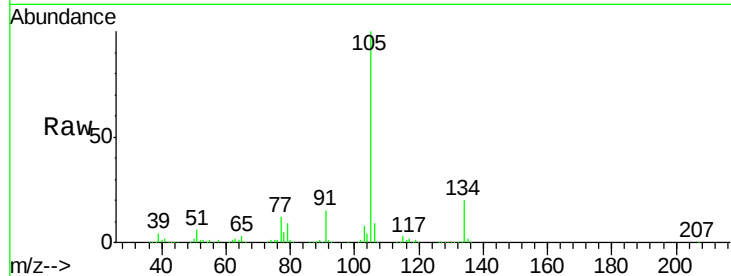
VN0302WBS01

Tot Ion:105 Resp: 595146

Ion Ratio Lower Upper

105 100

134 19.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.449 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

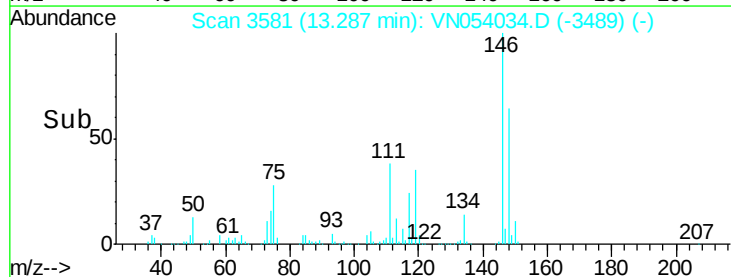
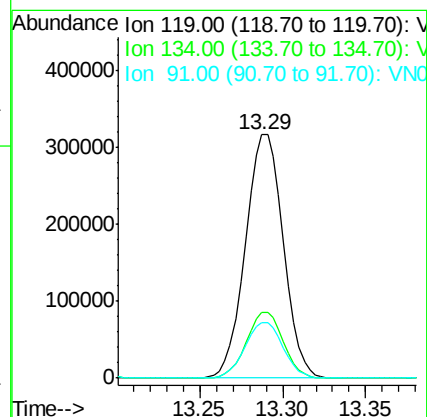
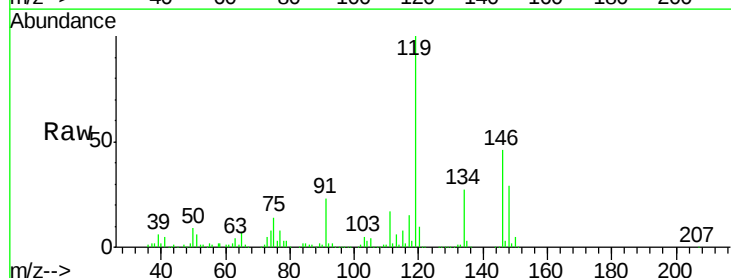
Tgt Ion:119 Resp: 501669

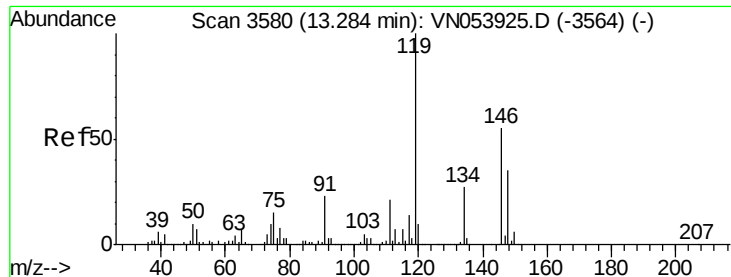
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.8 10.9 32.6

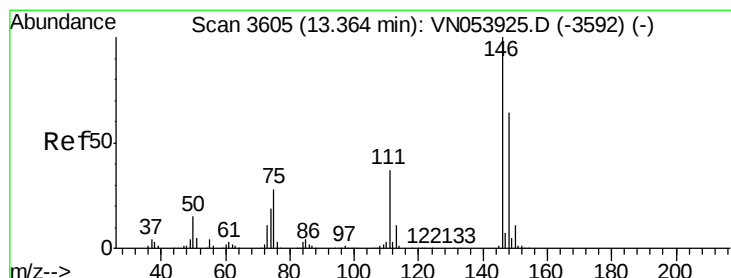
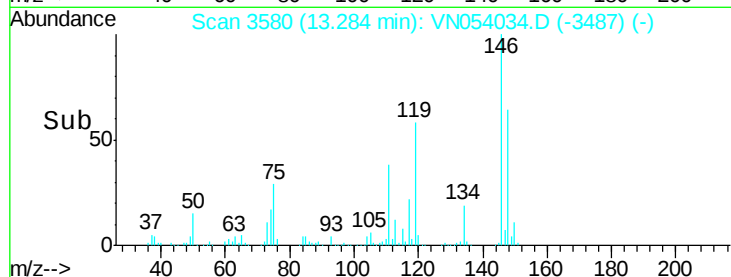
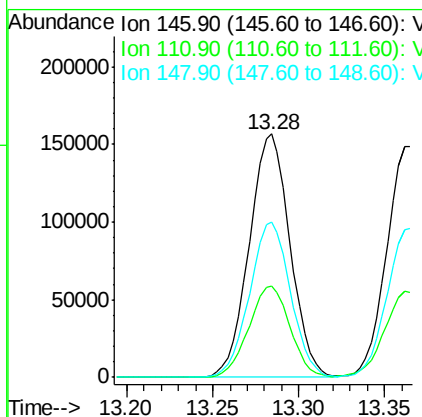
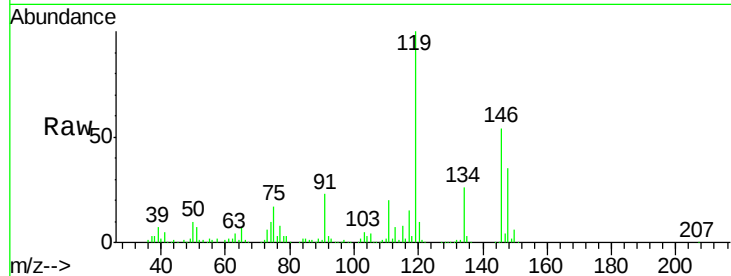




#87
 1,3-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

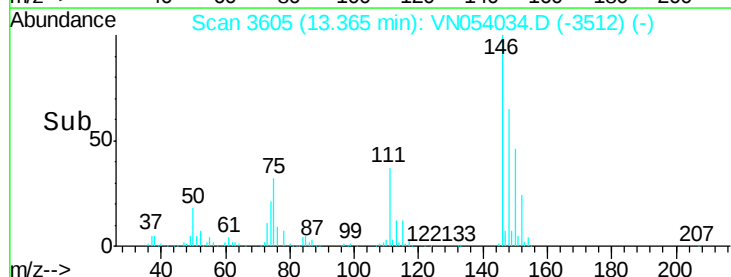
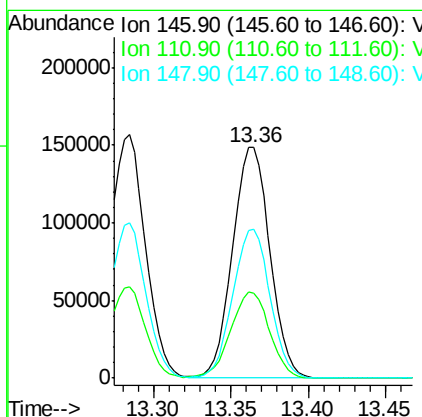
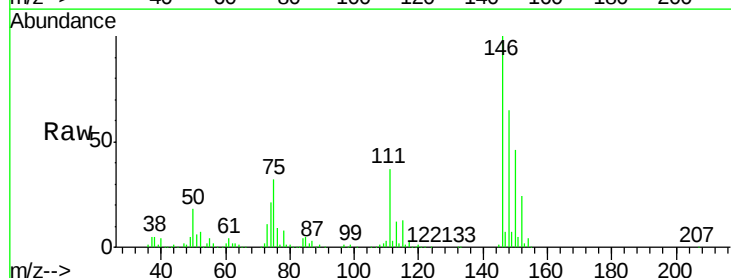
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

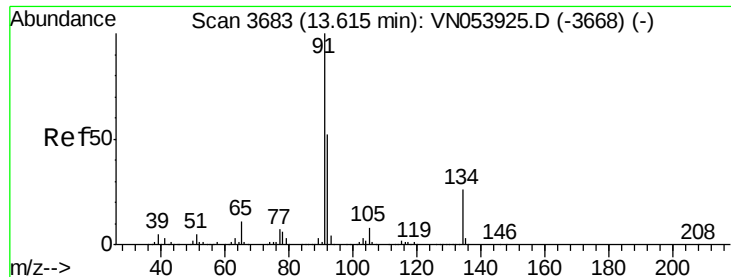
Tot Ion:146 Resp: 258015
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.901 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion:146 Resp: 248839
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.0 54.0
 148 64.6 32.1 96.5

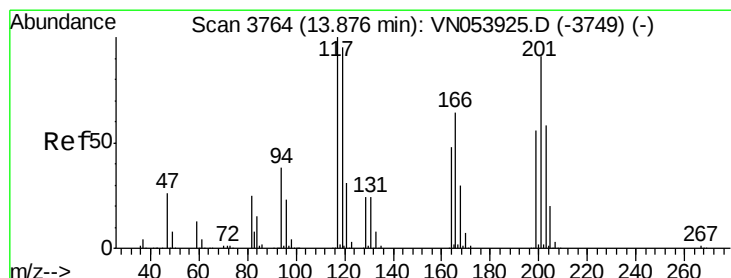
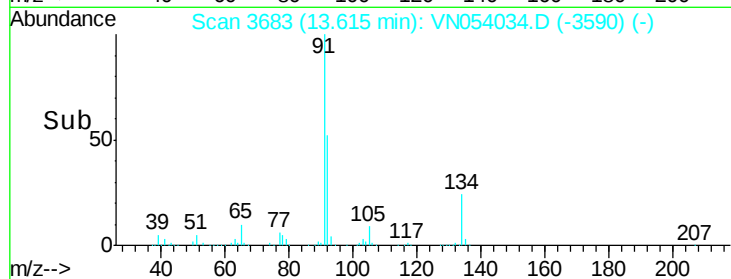
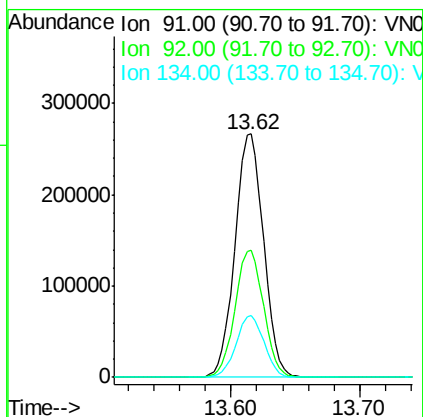
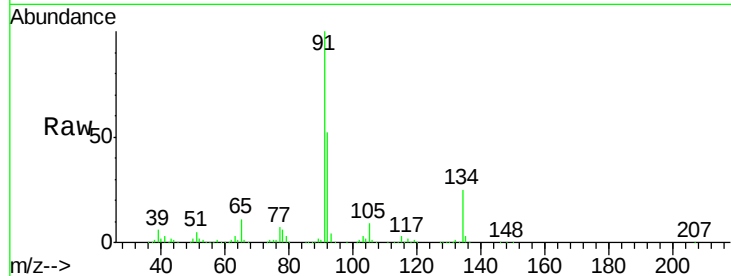




#89
n-Butylbenzene
Concen: 19.917 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

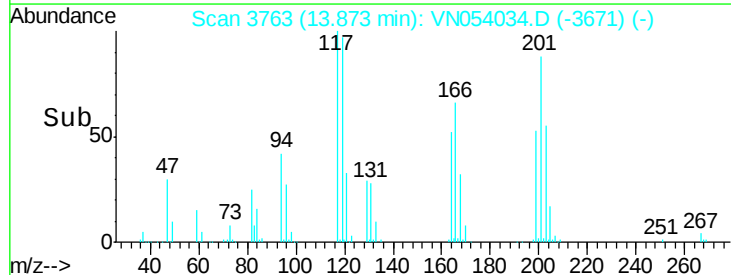
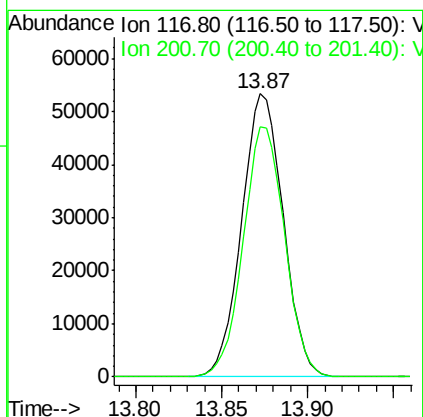
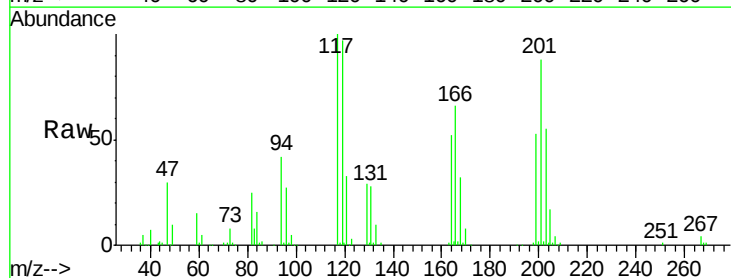
Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

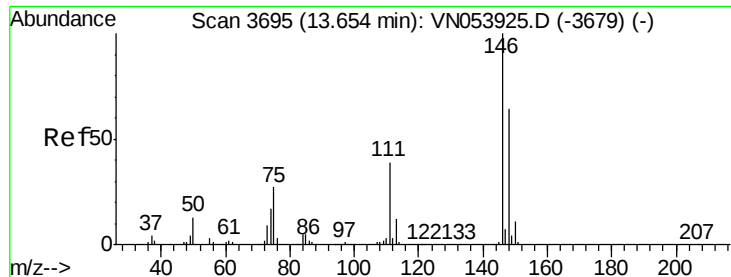
Tot Ion: 91 Resp: 411788
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 24.8 13.6 40.8



#90
Hexachloroethane
Concen: 18.853 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054034.D
Acq: 1 Mar 2019 17:28

Tgt Ion: 117 Resp: 89628
Ion Ratio Lower Upper
117 100
201 88.0 48.0 144.2

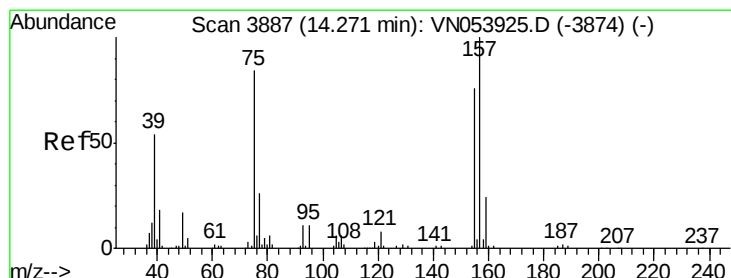
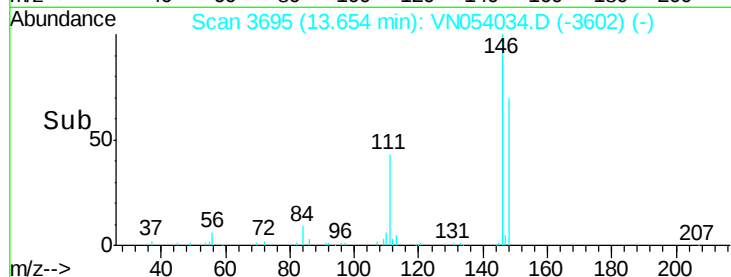
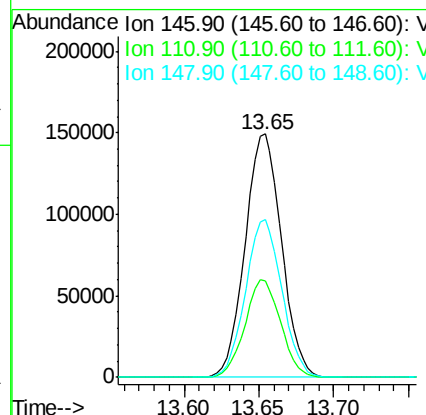
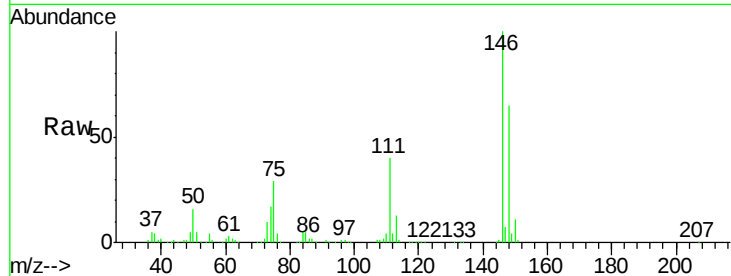




#91
 1,2-Dichlorobenzene
 Concen: 20.287 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

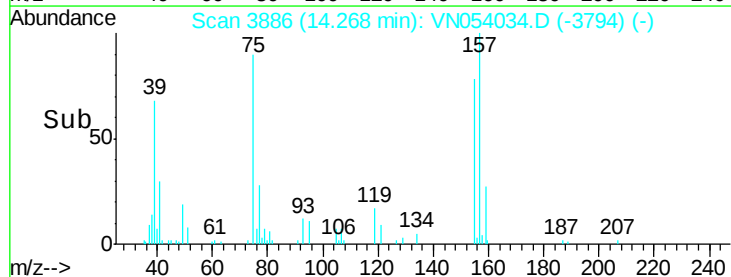
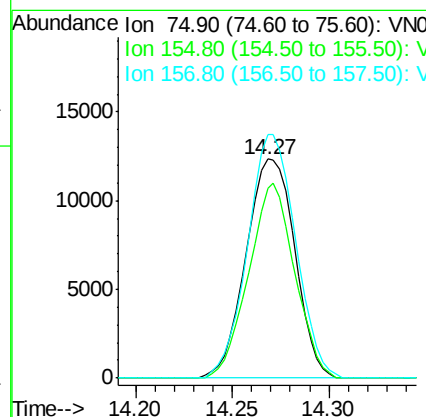
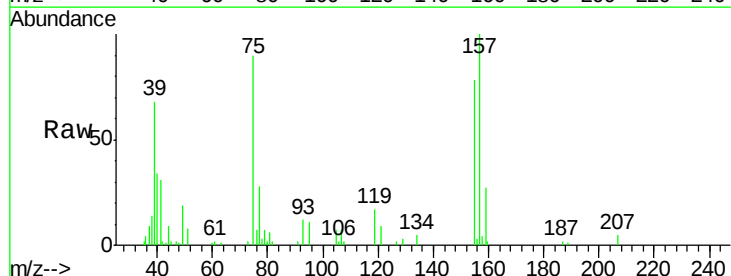
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

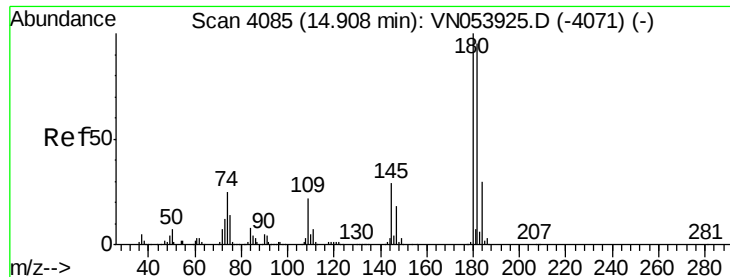
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.5
148	64.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.907 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	49.5	148.5
157	109.4	64.8	194.6

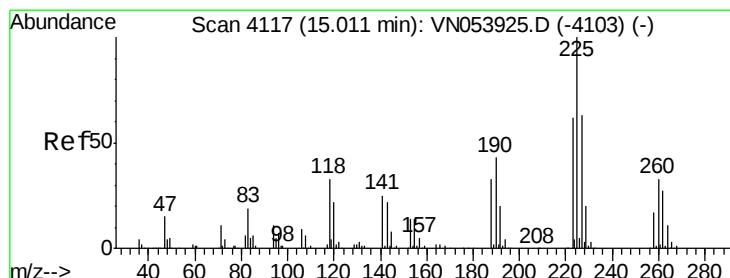
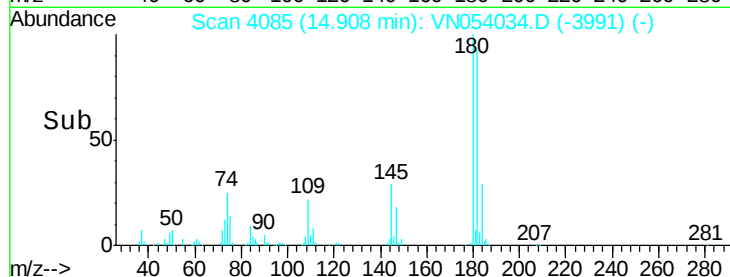
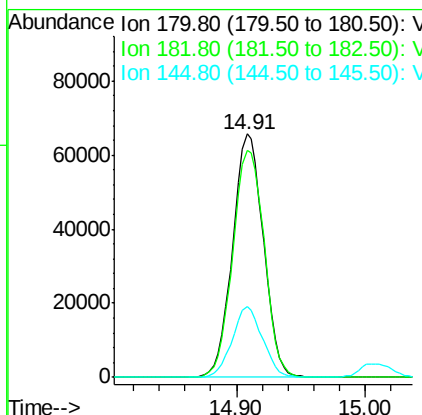
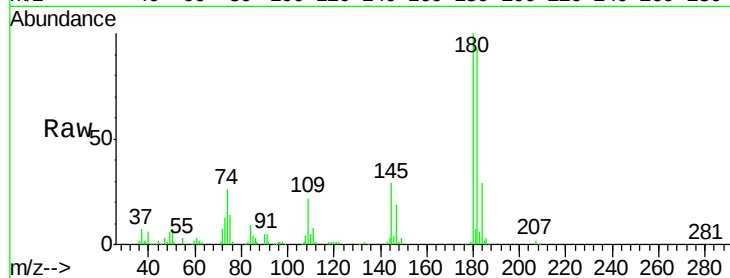




#93
 1,2,4-Trichlorobenzene
 Concen: 17.247 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

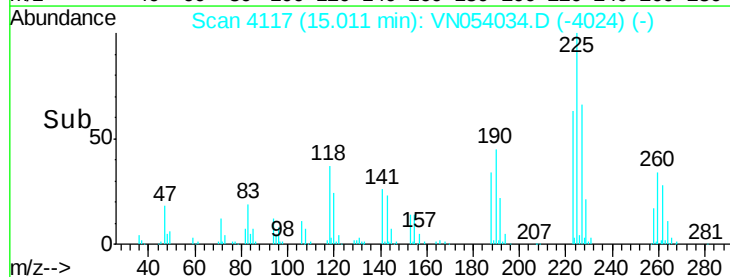
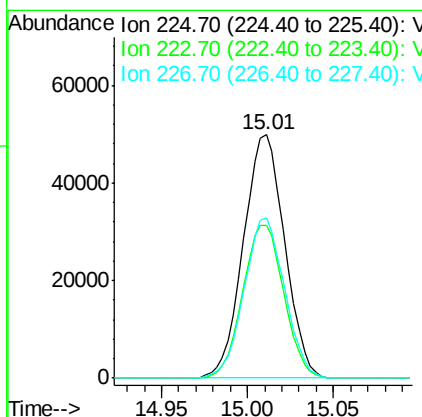
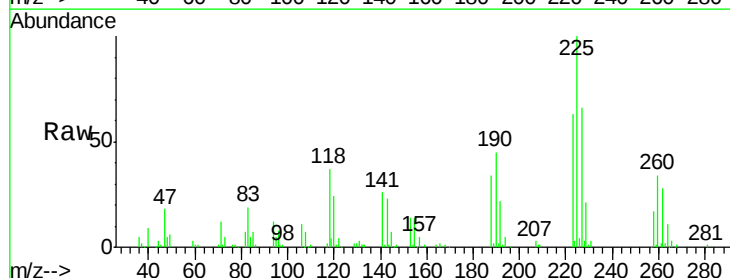
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

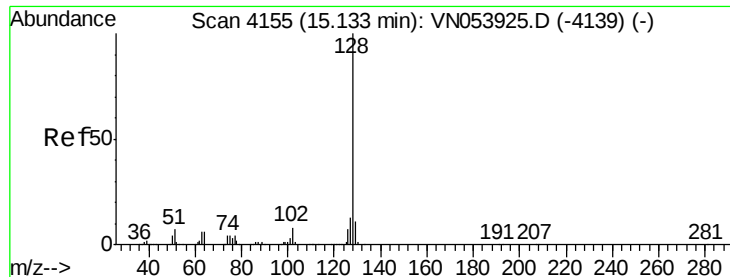
Tot Ion:180 Resp: 108949
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.6 145.9
 145 28.6 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 18.428 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054034.D
 Acq: 1 Mar 2019 17:28

Tgt Ion:225 Resp: 83050
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 64.5 32.5 97.4





#95

Naphthalene

Concen: 16.601 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

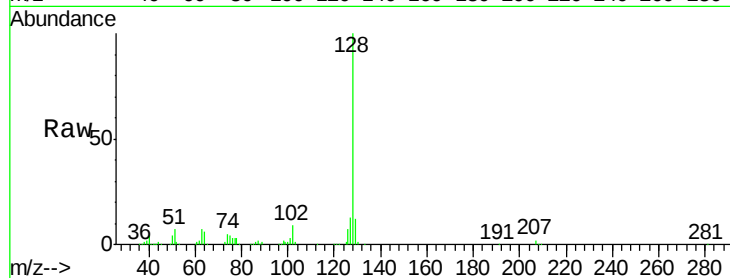
Tot Ion:128 Resp: 213570

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

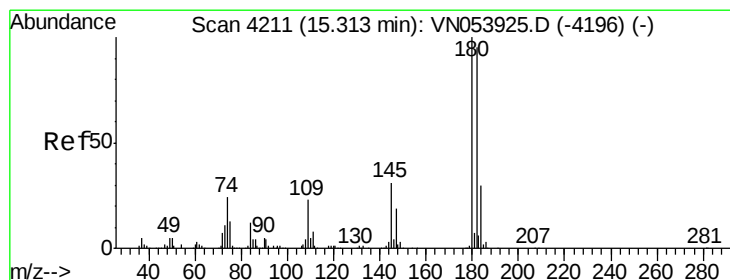
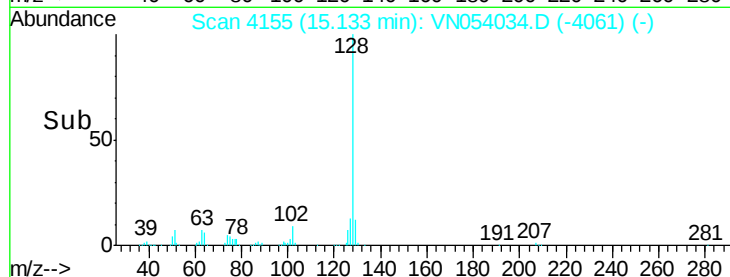
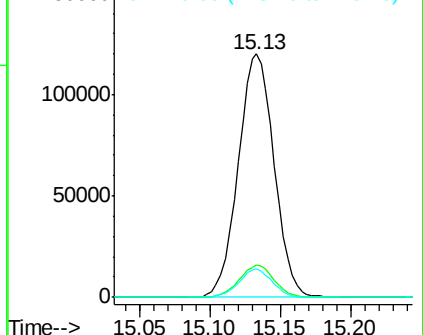
129 10.9 8.6 12.8



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: 17.528 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054034.D

Acq: 1 Mar 2019 17:28

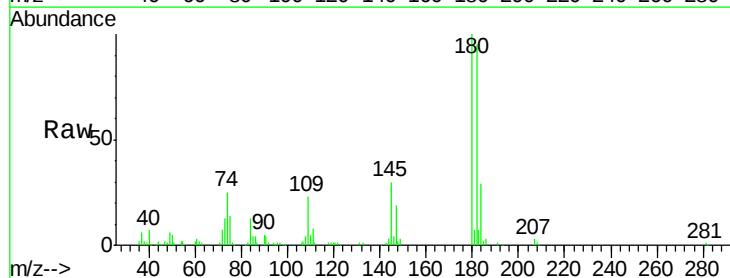
Tgt Ion:180 Resp: 109556

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 30.0 14.4 43.0



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

