

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055079.D
 Acq On : 16 Apr 2019 15:33
 Operator : JC/SP
 Sample : VN0416WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

Quant Time: Apr 17 01:39:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	670611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	218204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	270981	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	7.59	113	221462	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	10.09	98	804554	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	255462	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	91347	19.918	ug/l	100
3) Chloromethane	2.06	50	117871	19.705	ug/l	95
4) Vinyl Chloride	2.19	62	98172	19.526	ug/l	98
5) Bromomethane	2.56	94	57332	20.157	ug/l	96
6) Chloroethane	2.71	64	55345	20.412	ug/l	97
7) Trichlorofluoromethane	3.02	101	126855	20.175	ug/l	97
8) Diethyl Ether	3.41	74	39994	19.926	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	62673	19.046	ug/l	98
10) Methyl Iodide	3.94	142	118025	23.113	ug/l	95
11) Tert butyl alcohol	4.82	59	29306	99.670	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	62974	19.661	ug/l	93
13) Acrolein	3.61	56	30100	82.821	ug/l	98
14) Allyl chloride	4.32	41	155438	19.826	ug/l	99
15) Acrylonitrile	5.00	53	175681	99.865	ug/l	99
16) Acetone	3.82	43	117064	80.405	ug/l	97
17) Carbon Disulfide	4.04	76	192488	18.617	ug/l	99
18) Methyl Acetate	4.33	43	84404	19.851	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	231241	20.182	ug/l	98
20) Methylene Chloride	4.55	84	98526	19.251	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	83775	19.339	ug/l	90
22) Diisopropyl ether	5.96	45	334767	20.771	ug/l	100
23) Vinyl Acetate	5.90	43	1117146	104.864	ug/l	100
24) 1,1-Dichloroethane	5.85	63	175881	20.492	ug/l	99
25) 2-Butanone	6.84	43	202959	93.402	ug/l	99
26) 2,2-Dichloropropane	6.82	77	106134	19.592	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	100408	20.487	ug/l	99
28) Bromochloromethane	7.19	49	86076	20.805	ug/l	99
29) Tetrahydrofuran	7.22	42	138650	97.301	ug/l	100
30) Chloroform	7.37	83	170195	20.415	ug/l	98
31) Cyclohexane	7.65	56	159079	20.220	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	132512	20.062	ug/l	99
36) 1,1-Dichloropropene	7.79	75	118625	18.765	ug/l	98
37) Ethyl Acetate	6.94	43	95026	18.464	ug/l	98
38) Carbon Tetrachloride	7.77	117	111751	18.580	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	128544	18.764	ug/l	99
40) Benzene	8.04	78	374233	19.642	ug/l	99
41) Methacrylonitrile	7.18	41	49023	17.159	ug/l	93
42) 1,2-Dichloroethane	8.12	62	130677	19.754	ug/l	99
43) Isopropyl Acetate	8.17	43	153587	19.367	ug/l	98
44) Trichloroethene	8.83	130	90408	18.944	ug/l	98
45) 1,2-Dichloropropane	9.12	63	106989	20.135	ug/l	100
46) Dibromomethane	9.21	93	60201	19.905	ug/l	98
47) Bromodichloromethane	9.40	83	120080	19.257	ug/l	98
48) Methyl methacrylate	9.20	41	75848	19.296	ug/l	98
49) 1,4-Dioxane	9.20	88	15812	429.371	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	442691	96.625	ug/l	98
52) Toluene	10.15	92	218234	19.999	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	105309	19.325	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	134184	19.840	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	81642	19.419	ug/l	98
56) Ethyl methacrylate	10.43	69	103263	20.466	ug/l	97
57) 1,3-Dichloropropane	10.71	76	143336	20.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	179895	88.424	ug/l	100
59) 2-Hexanone	10.75	43	269528	93.663	ug/l	99
60) Dibromochloromethane	10.90	129	81168	19.771	ug/l	100
61) 1,2-Dibromoethane	11.00	107	77986	20.153	ug/l	98
64) Tetrachloroethene	10.63	164	89544	19.220	ug/l	99
65) Chlorobenzene	11.43	112	225249	19.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	84194	19.849	ug/l	99
67) Ethyl Benzene	11.51	91	401111	19.476	ug/l	100
68) m/p-Xylenes	11.62	106	289385	38.803	ug/l	99
69) o-Xylene	11.95	106	142905	19.784	ug/l	100
70) Styrene	11.96	104	234996	20.098	ug/l	99
71) Bromoform	12.13	173	47539	19.553	ug/l #	100
73) Isopropylbenzene	12.25	105	374937	19.364	ug/l	99
74) N-amyl acetate	12.07	43	111534	20.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	98718	19.053	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	111824	28.499	ug/l #	100
77) Bromobenzene	12.53	156	91738	19.004	ug/l	99
78) n-propylbenzene	12.59	91	404376	19.330	ug/l	99
79) 2-Chlorotoluene	12.67	91	257937	19.768	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	301831	19.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19014	19.378	ug/l	94
82) 4-Chlorotoluene	12.77	91	239138	19.643	ug/l	99
83) tert-Butylbenzene	12.99	119	259416	19.658	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	294809	19.908	ug/l	99
85) sec-Butylbenzene	13.17	105	324551	19.301	ug/l	99
86) p-Isopropyltoluene	13.29	119	276394	19.159	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	144970	19.758	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	136644	19.529	ug/l	98
89) n-Butylbenzene	13.61	91	206356	19.269	ug/l	99
90) Hexachloroethane	13.87	117	45457	19.365	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	146676	19.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12602	19.752	ug/l	95

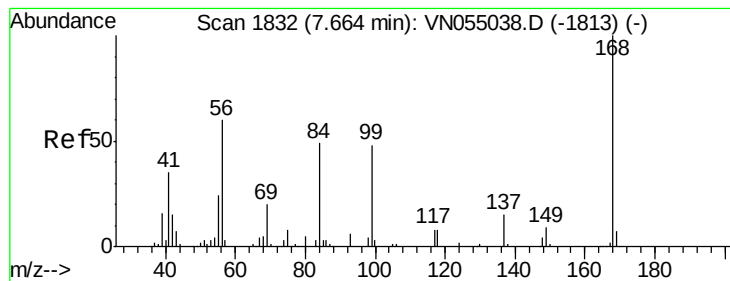
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55245	18.302	ug/l	100
94) Hexachlorobutadiene	15.01	225	44129	19.353	ug/l	99
95) Naphthalene	15.13	128	119578	17.413	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	56670	19.899	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

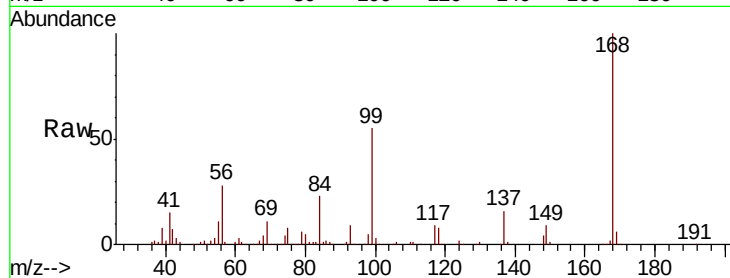
VN0416WBS02

Tot Ion:168 Resp: 403549

Ion Ratio Lower Upper

168 100

99 54.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

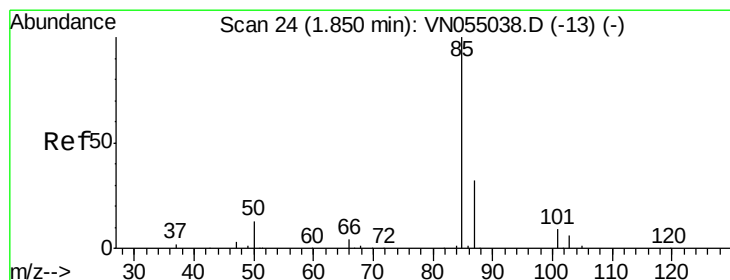
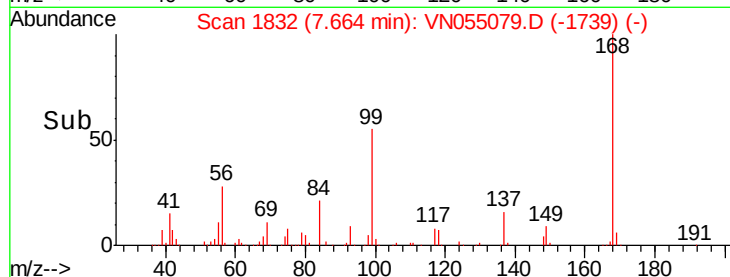
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.918 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055079.D

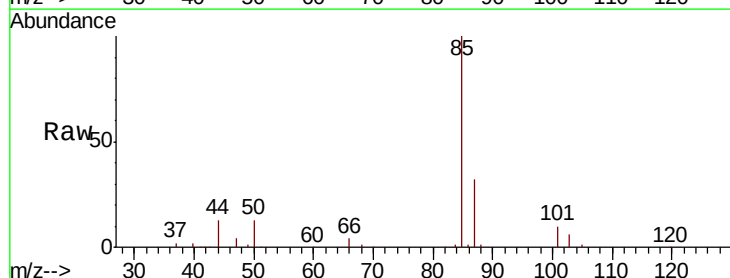
Acq: 16 Apr 2019 15:33

Tgt Ion: 85 Resp: 91347

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

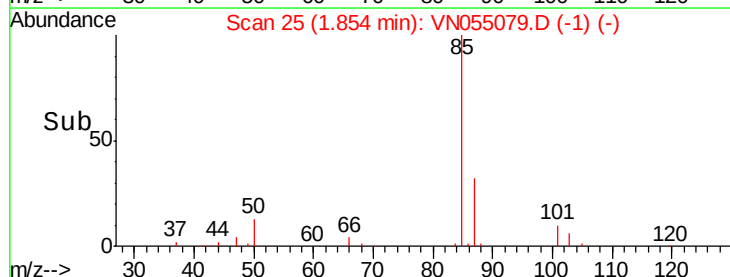
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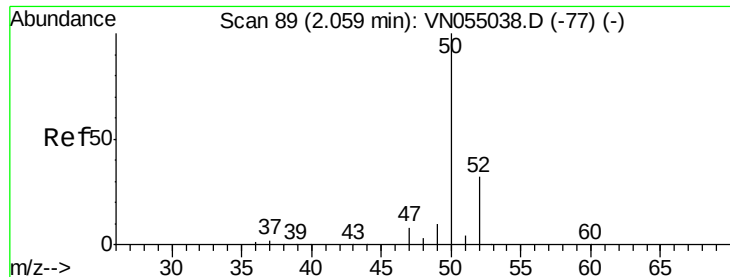
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20000

0

Time-->





#3

Chloromethane

Concen: 19.705 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

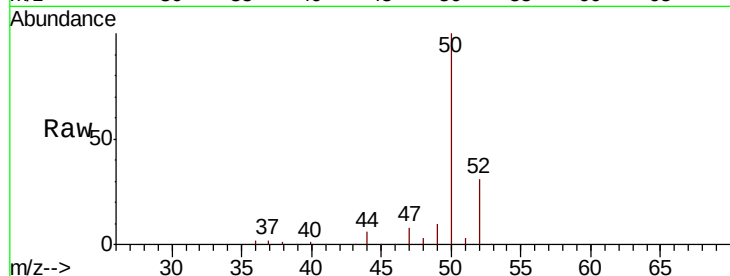
VN0416WBS02

Tot Ion: 50 Resp: 117871

Ion Ratio Lower Upper

50 100

52 30.7 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN055079.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN055079.D (-1) (-)

2.06

80000

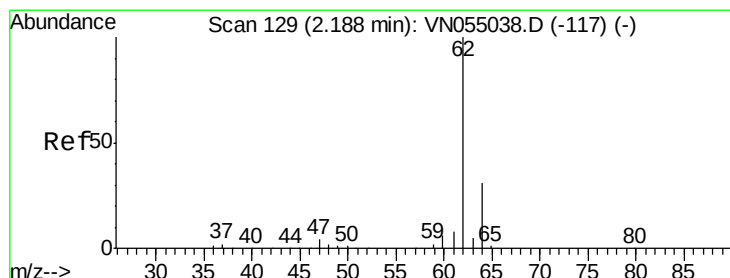
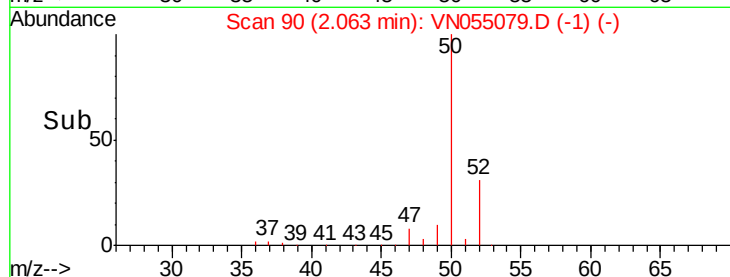
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 19.526 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055079.D

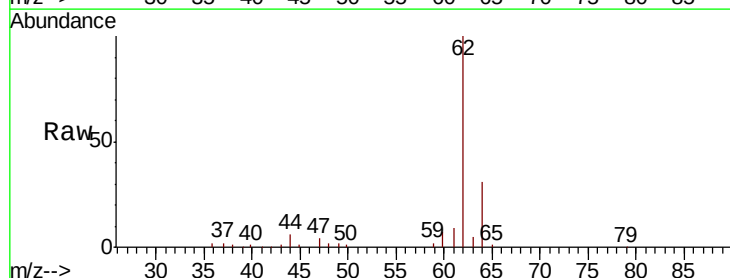
Acq: 16 Apr 2019 15:33

Tgt Ion: 62 Resp: 98172

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VN055079.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VN055079.D (-36) (-)

2.19

80000

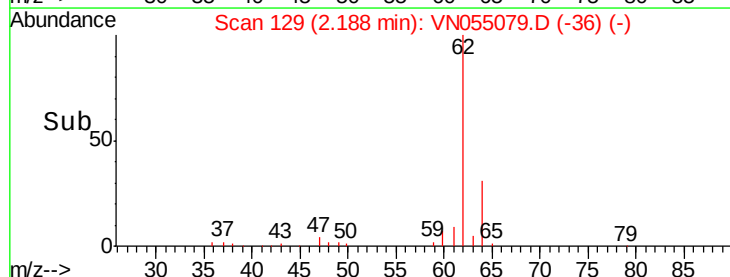
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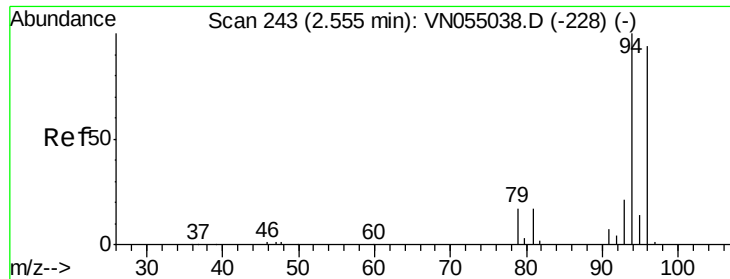
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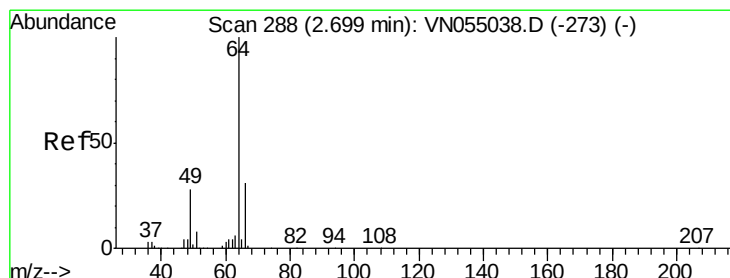
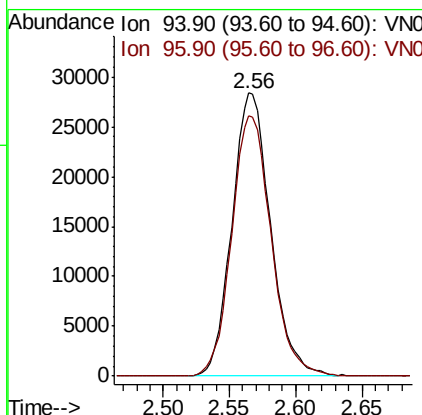
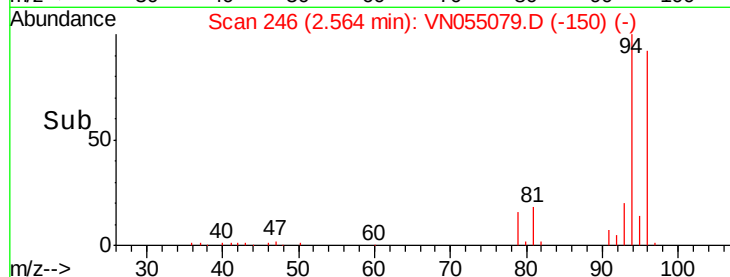
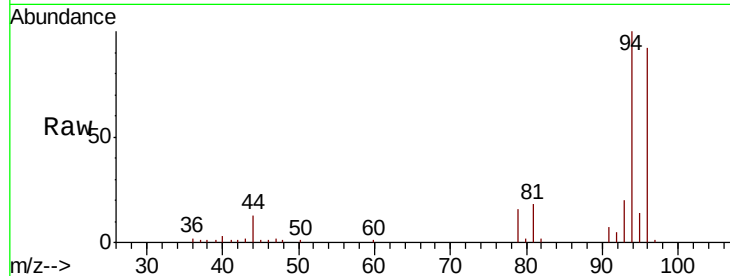




#5
Bromomethane
Concen: 20.157 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.01 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

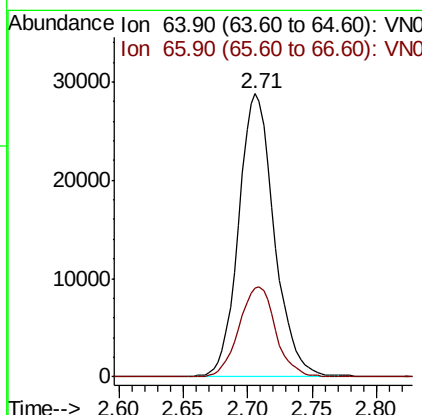
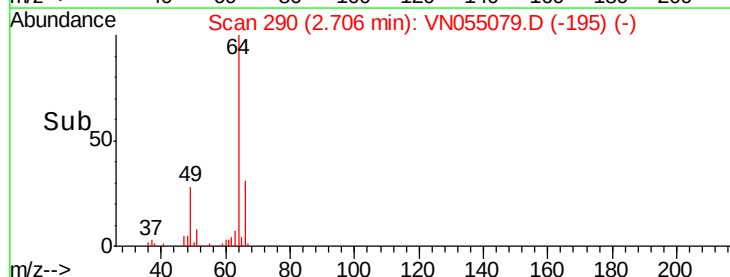
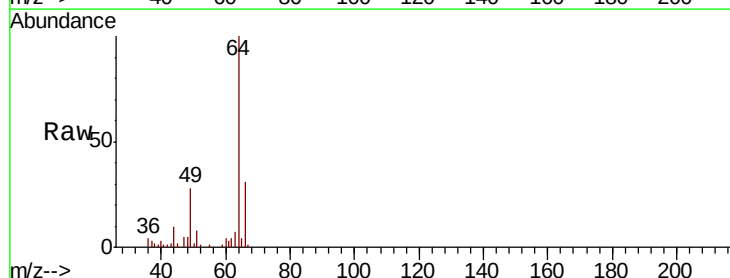
Instrument :
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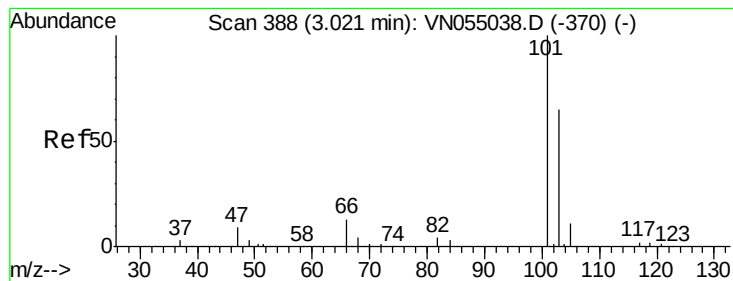
Tot Ion: 94 Resp: 57332
Ion Ratio Lower Upper
94 100
96 91.9 76.2 114.4



#6
Chloroethane
Concen: 20.412 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.01 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 64 Resp: 55345
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0



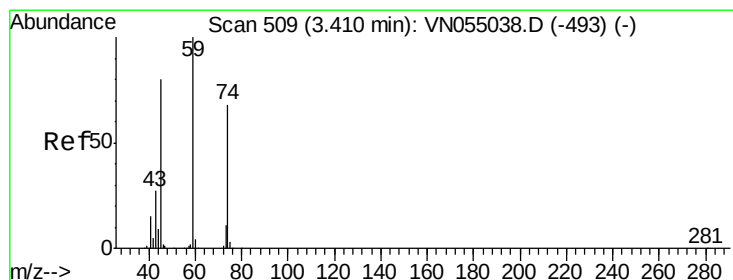
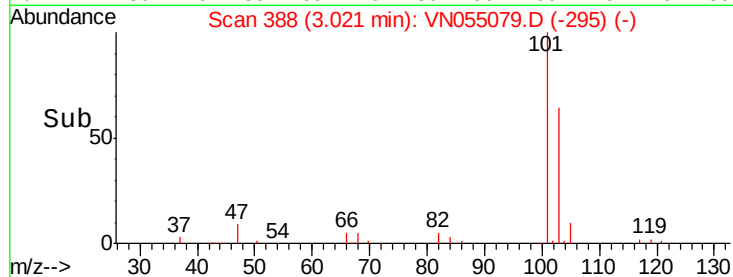
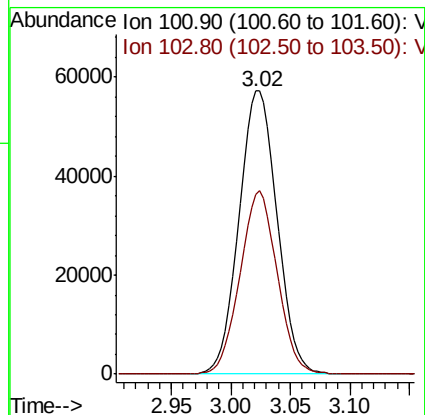
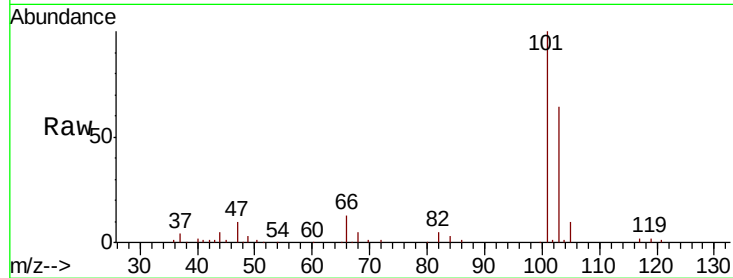


#7

Trichlorofluoromethane
Concen: 20.175 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

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ClientSampleId :
VN0416WBS02

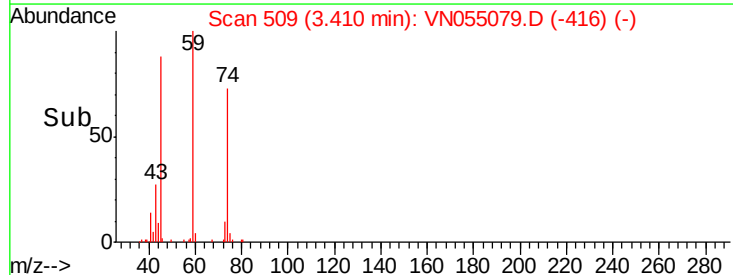
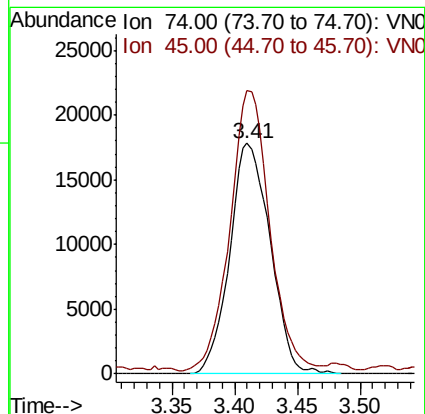
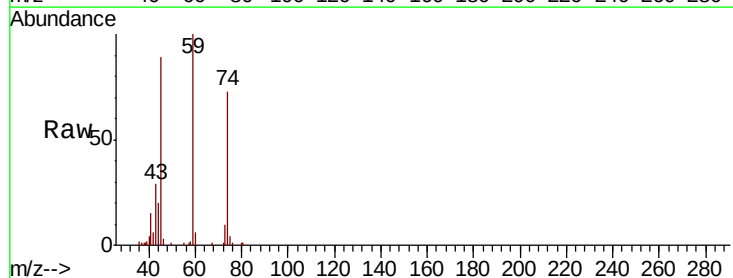
Tot Ion:101 Resp: 126855
Ion Ratio Lower Upper
101 100
103 63.5 52.5 78.7

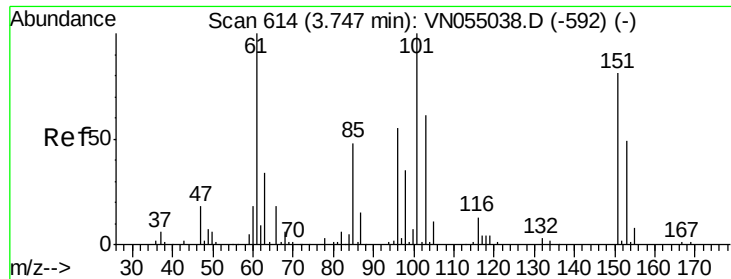


#8

Diethyl Ether
Concen: 19.926 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 74 Resp: 39994
Ion Ratio Lower Upper
74 100
45 118.9 55.7 167.1

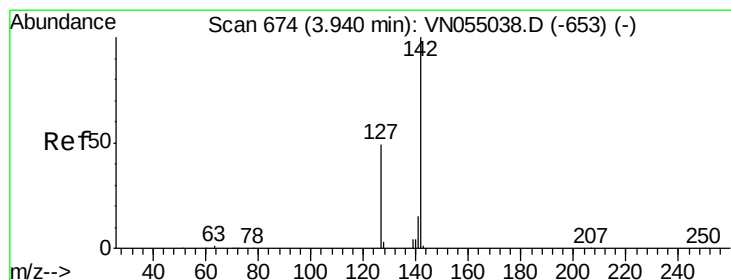
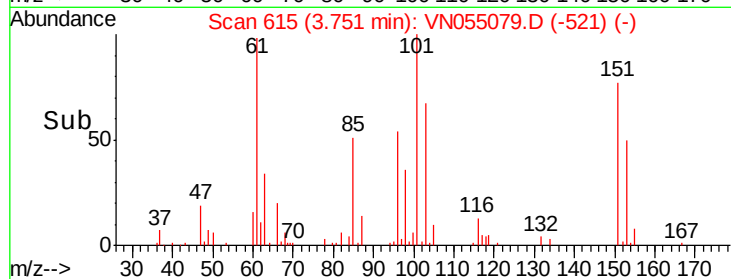
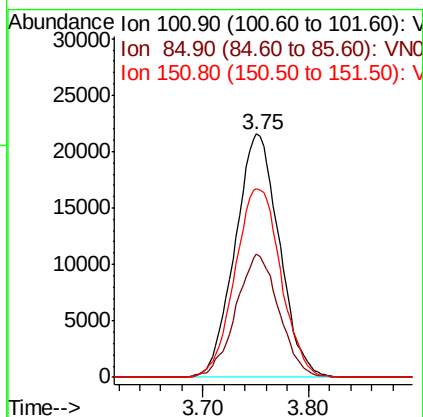
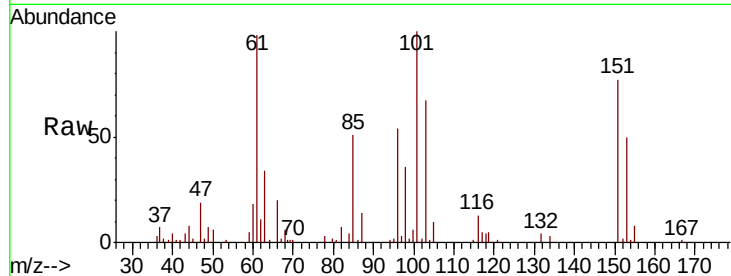




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.046 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

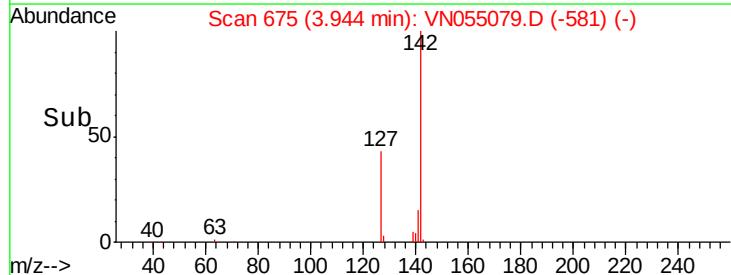
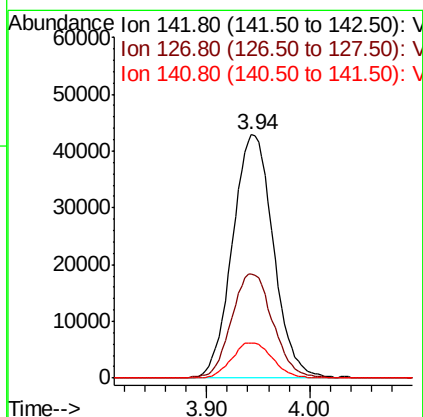
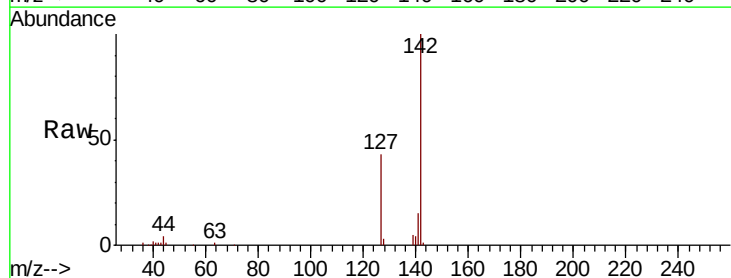
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 ClientSampleId :
 VN0416WBS02

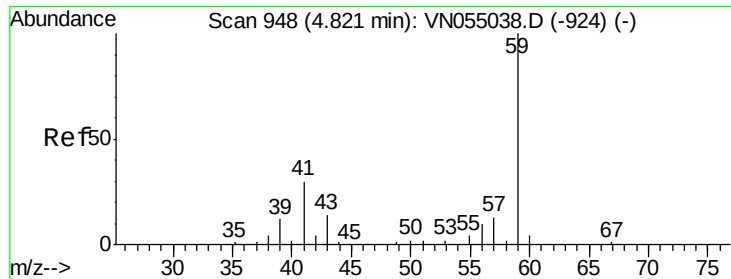
Tot Ion:101 Resp: 62673
 Ion Ratio Lower Upper
 101 100
 85 49.5 36.9 55.3
 151 80.5 64.4 96.6



#10
 Methyl Iodide
 Concen: 23.113 ug/l
 RT: 3.94 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion:142 Resp: 118025
 Ion Ratio Lower Upper
 142 100
 127 43.5 37.9 56.9
 141 14.4 11.8 17.8



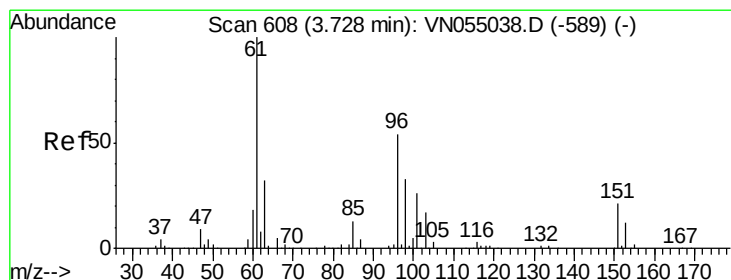
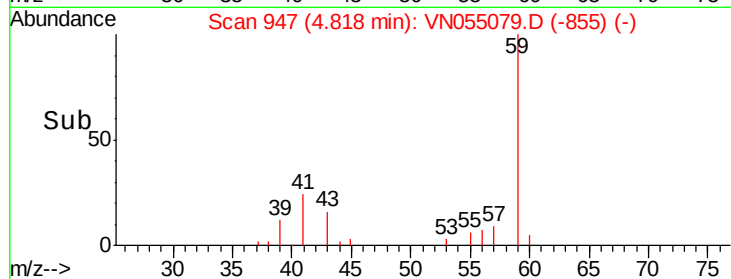
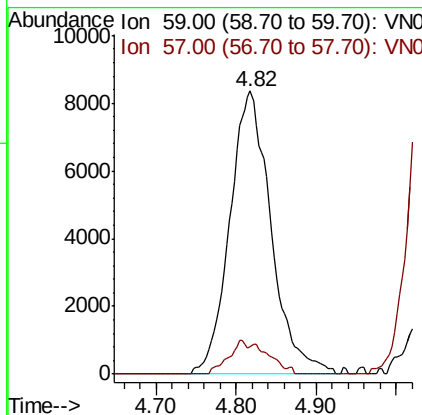
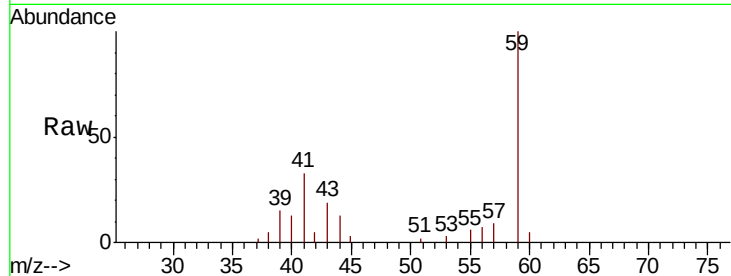


#11

Tert butyl alcohol
 Concen: 99.670 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

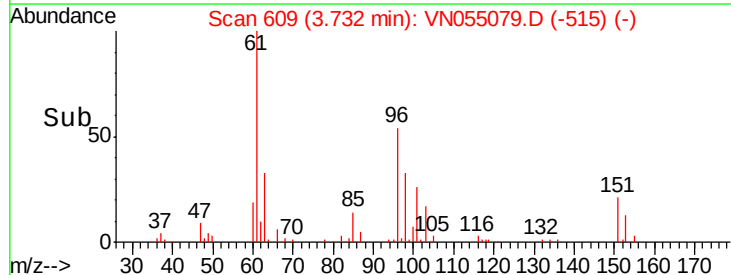
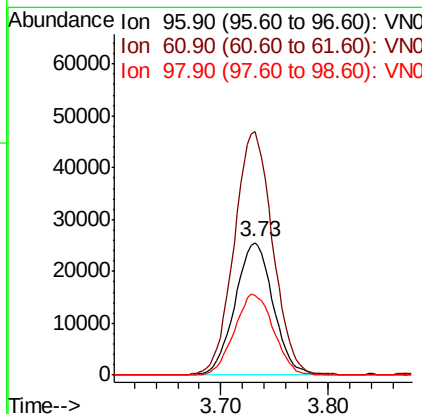
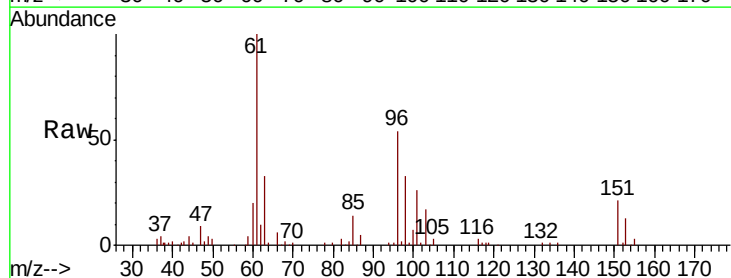
Tot Ion: 59 Resp: 29306
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

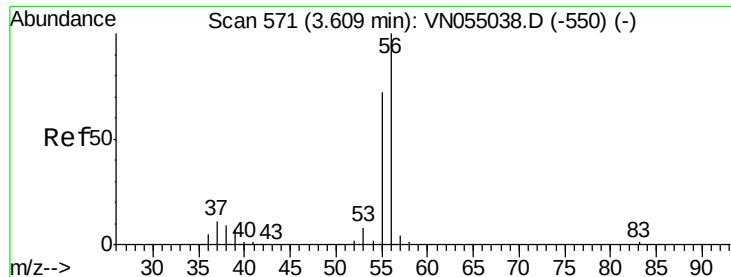


#12

1,1-Dichloroethene
 Concen: 19.661 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 96 Resp: 62974
 Ion Ratio Lower Upper
 96 100
 61 183.0 154.2 231.4
 98 60.4 52.9 79.3





#13

Acrolein

Concen: 82.821 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

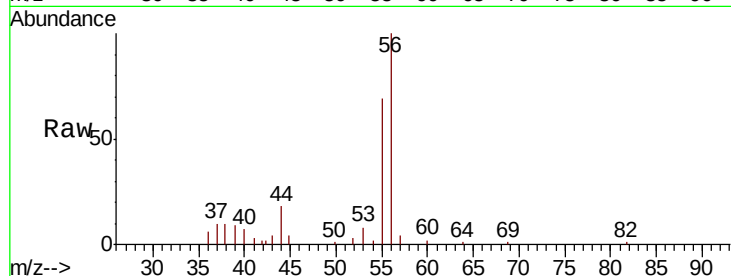
VN0416WBS02

Tot Ion: 56 Resp: 30100

Ion Ratio Lower Upper

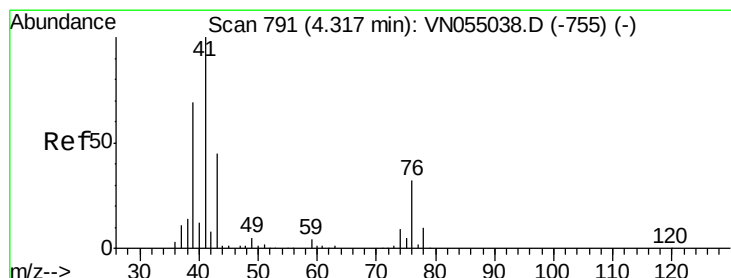
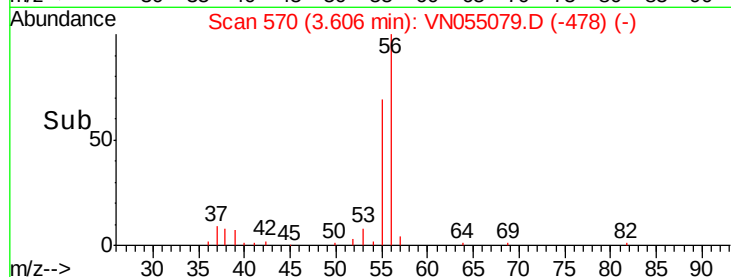
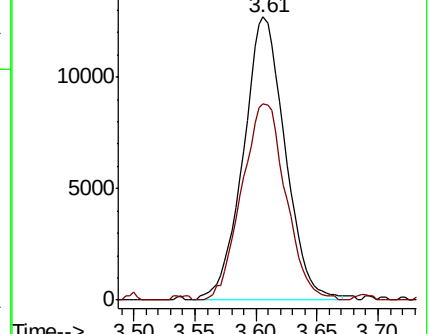
56 100

55 73.0 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.826 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

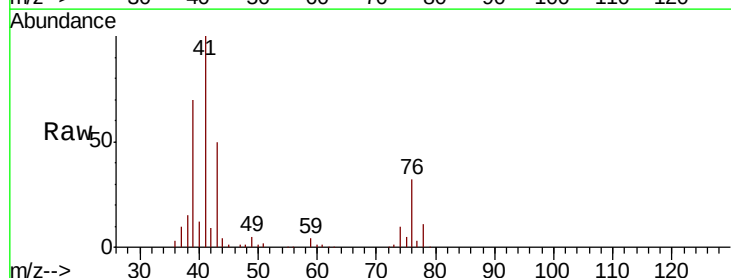
Tgt Ion: 41 Resp: 155438

Ion Ratio Lower Upper

41 100

39 66.6 52.7 79.1

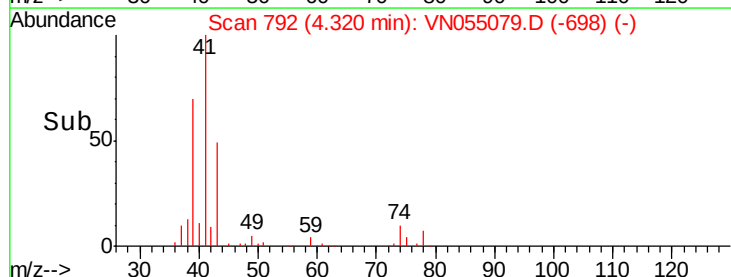
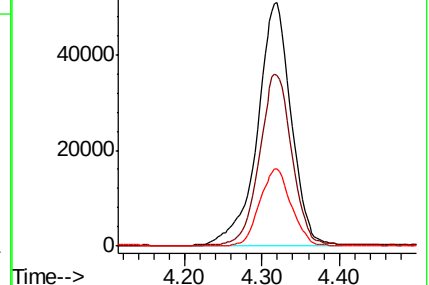
76 29.5 23.2 34.8

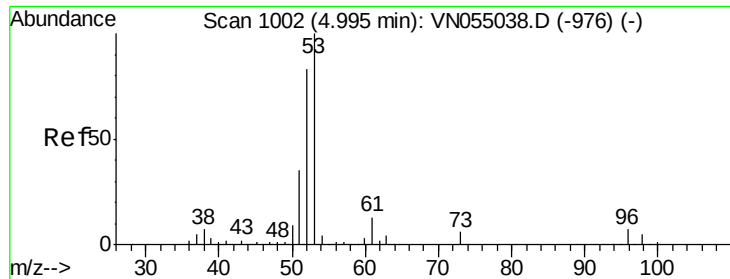


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

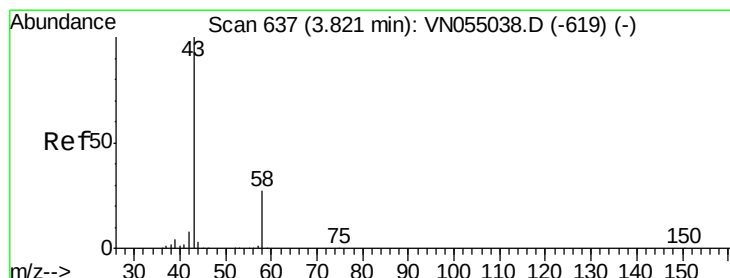
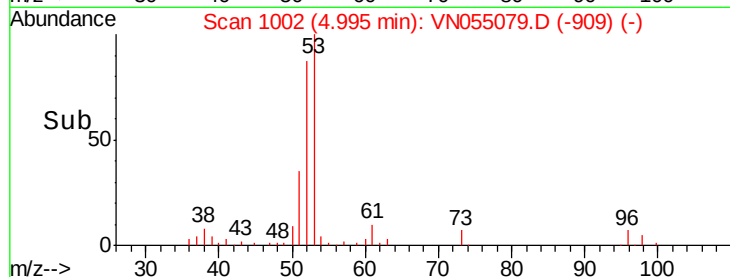
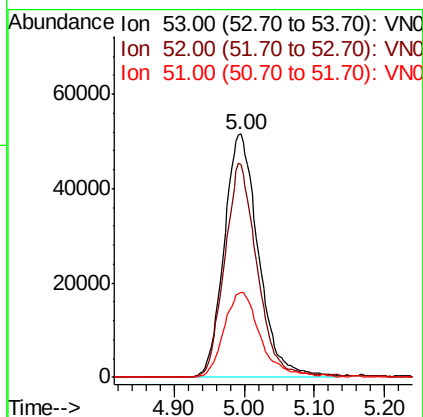
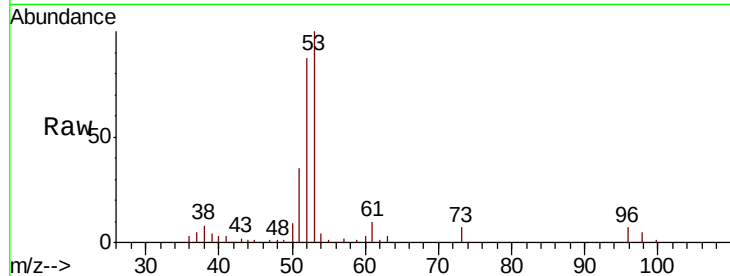




#15
 Acrylonitrile
 Concen: 99.865 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

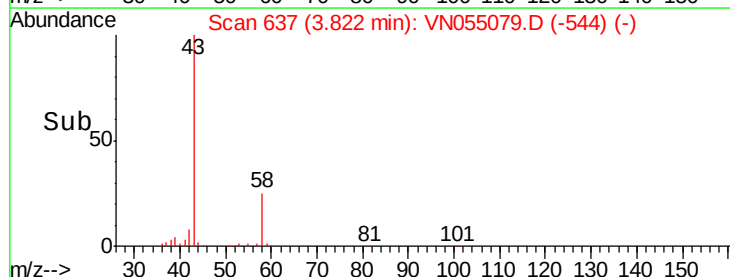
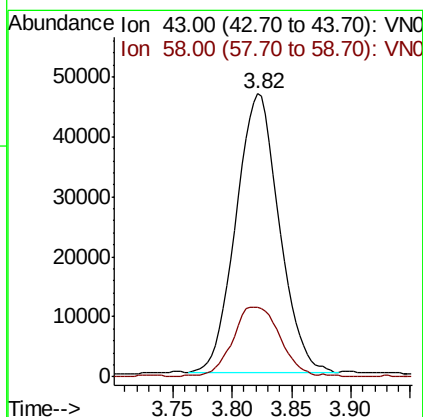
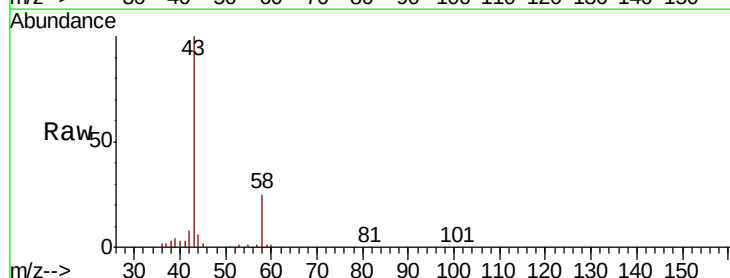
Instrument :
 MSVOA_N
 ClientSampled :
 VN0416WBS02

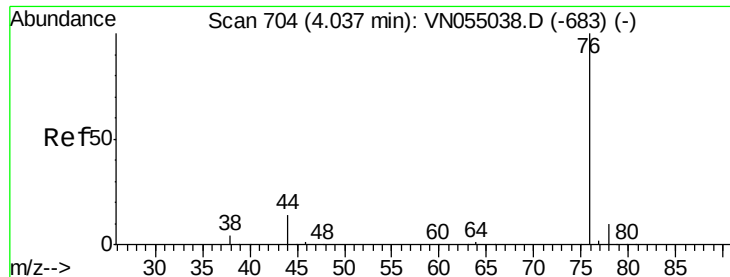
Tot Ion: 53 Resp: 175681
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.9 98.9
 51 35.9 29.7 44.5



#16
 Acetone
 Concen: 80.405 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 43 Resp: 117064
 Ion Ratio Lower Upper
 43 100
 58 24.5 20.9 31.3

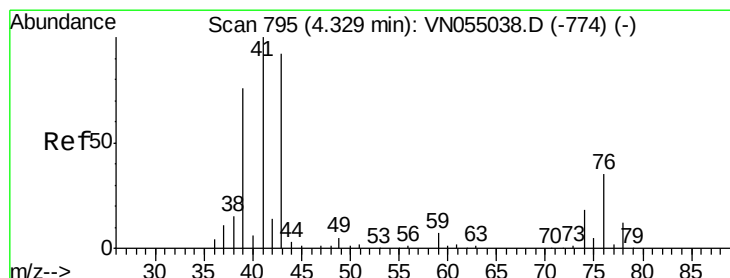
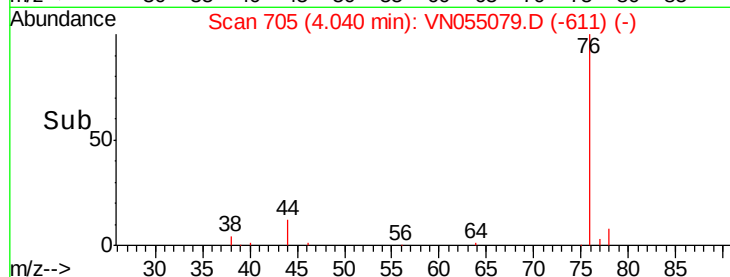
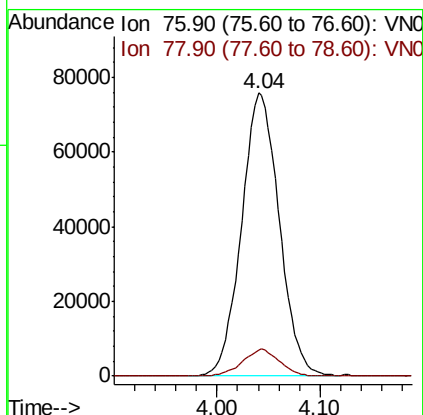
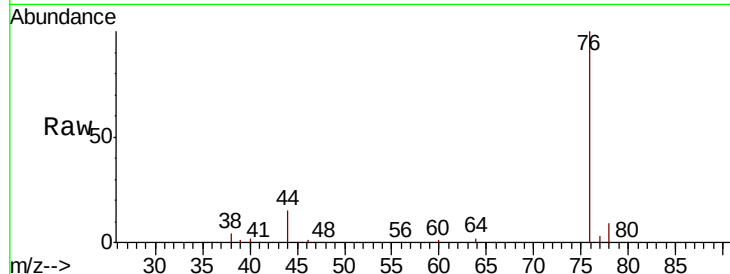




#17
Carbon Disulfide
Concen: 18.617 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

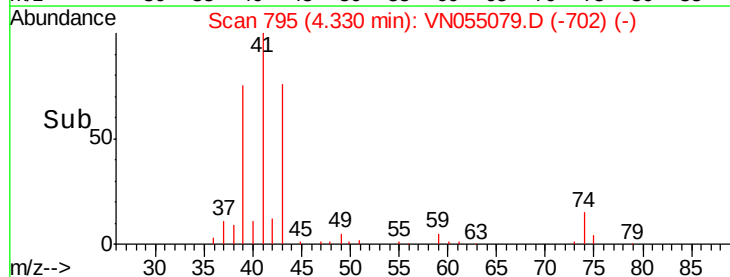
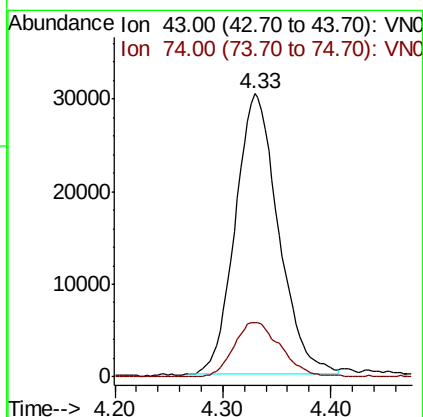
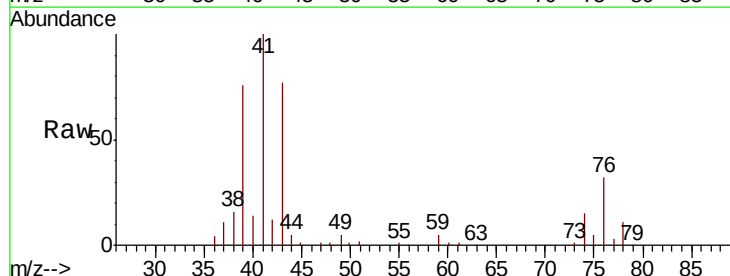
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

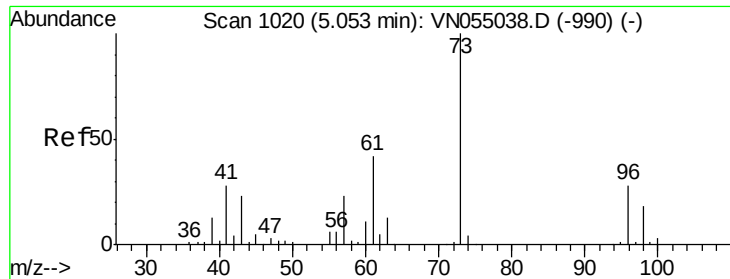
Tot Ion: 76 Resp: 192488
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 19.851 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 43 Resp: 84404
Ion Ratio Lower Upper
43 100
74 20.9 16.1 24.1

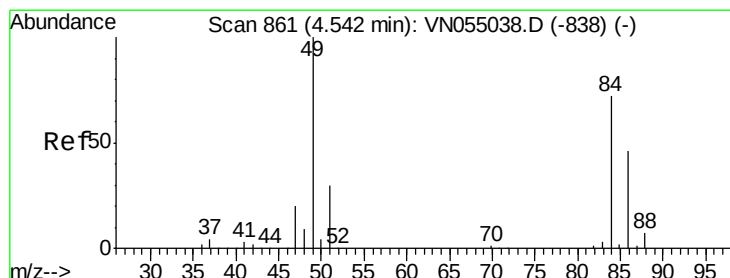
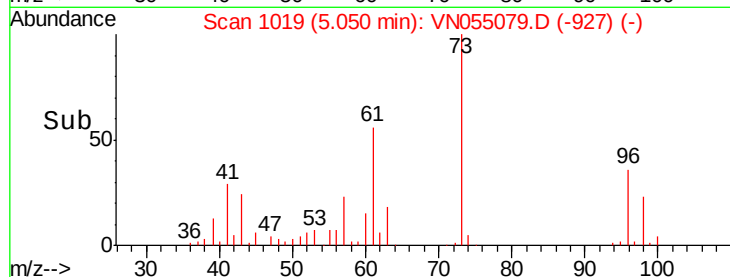
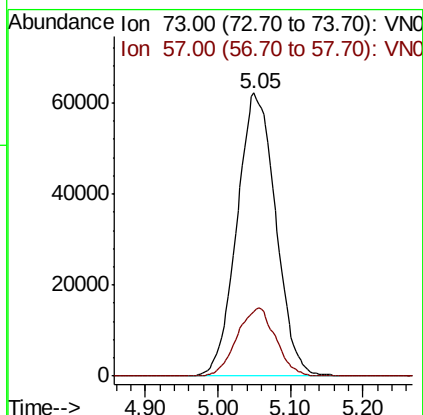
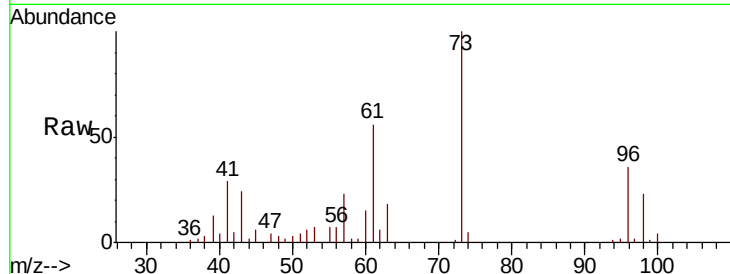




#19
Methyl tert-butyl Ether
Concen: 20.182 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

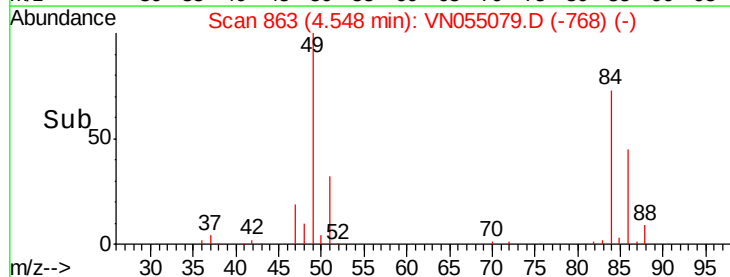
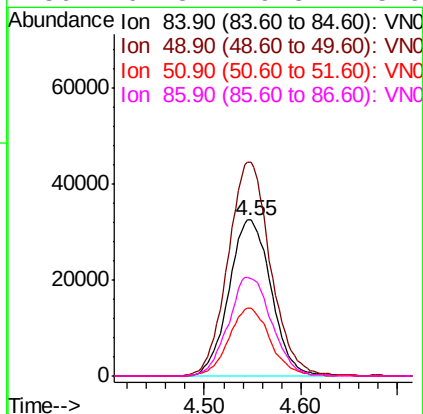
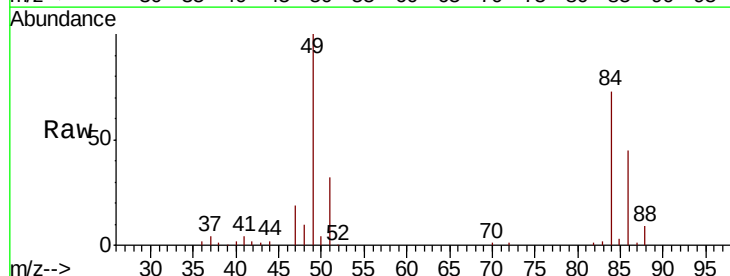
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

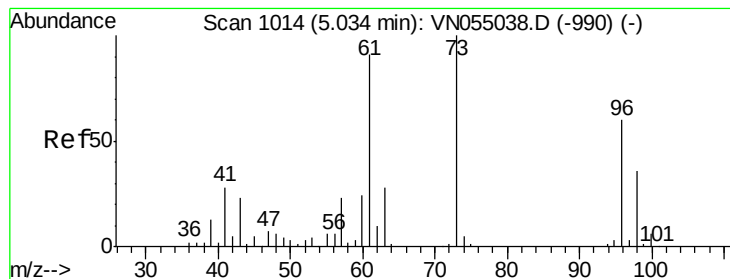
Tot Ion: 73 Resp: 231241
Ion Ratio Lower Upper
73 100
57 22.7 19.0 28.4



#20
Methylene Chloride
Concen: 19.251 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 84 Resp: 98526
Ion Ratio Lower Upper
84 100
49 136.2 109.4 164.2
51 43.5 32.2 48.4
86 62.3 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 19.339 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampled :

VN0416WBS02

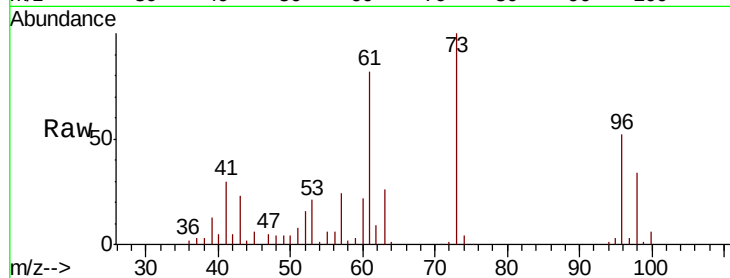
Tot Ion: 96 Resp: 83775

Ion Ratio Lower Upper

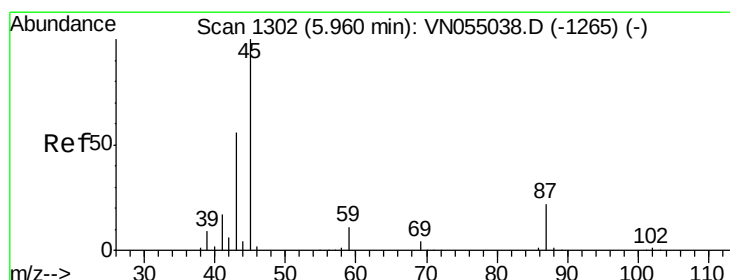
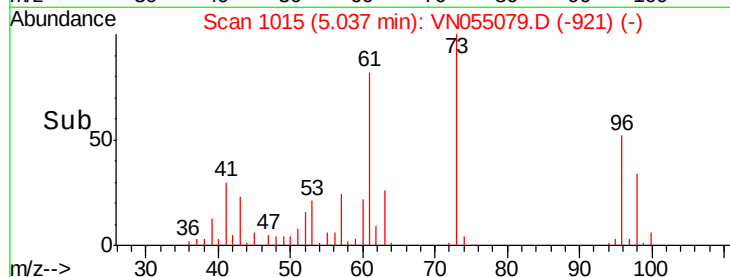
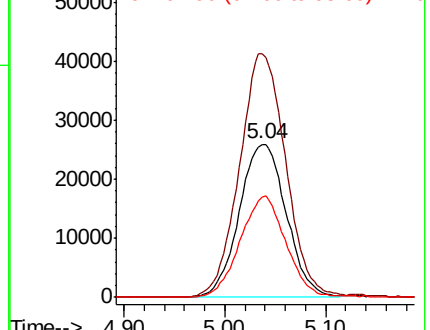
96 100

61 158.2 114.9 172.3

98 65.4 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.771 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Tgt Ion: 45 Resp: 334767

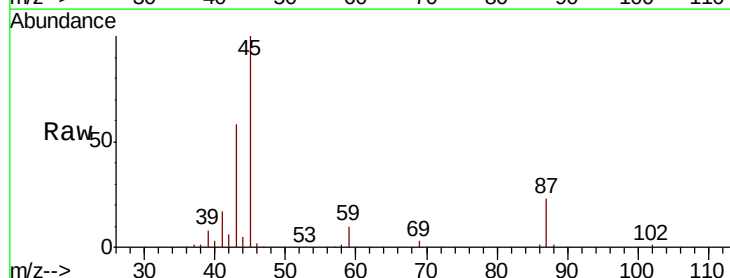
Ion Ratio Lower Upper

45 100

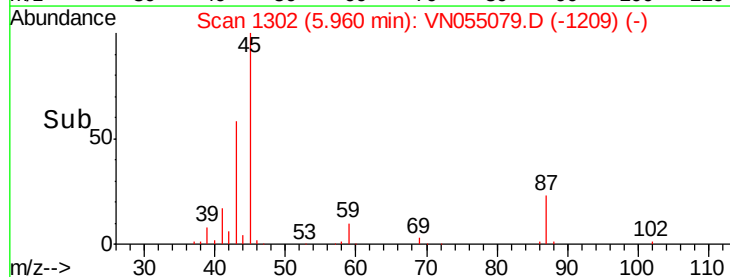
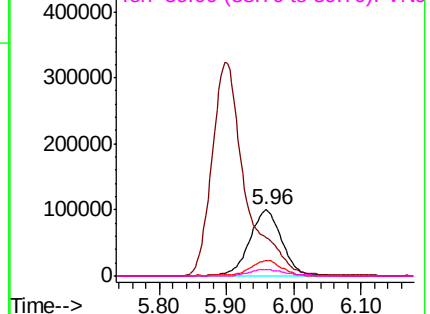
43 56.0 44.8 67.2

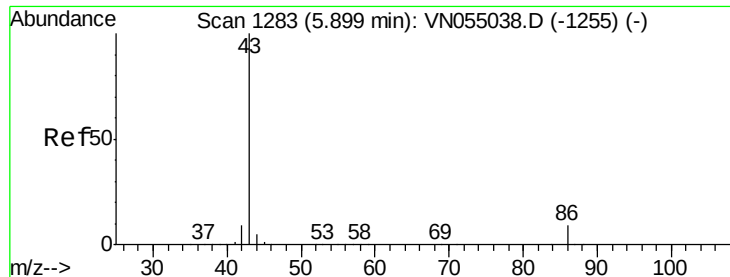
87 22.9 18.9 28.3

59 9.6 7.9 11.9



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: 104.864 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

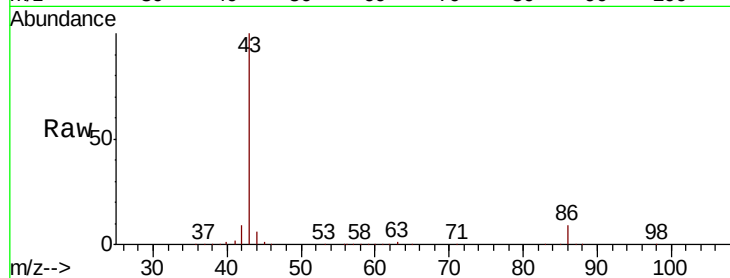
VN0416WBS02

Tot Ion: 43 Resp: 1117146

Ion Ratio Lower Upper

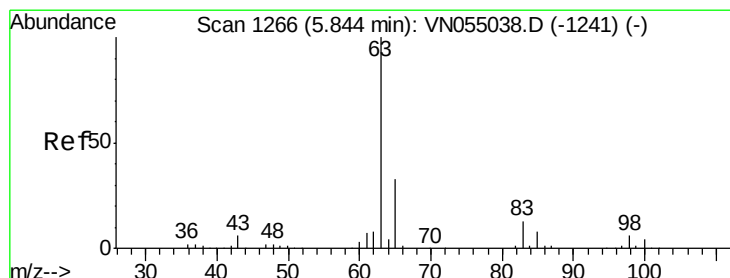
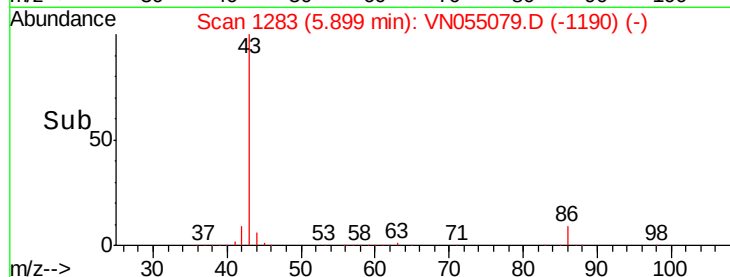
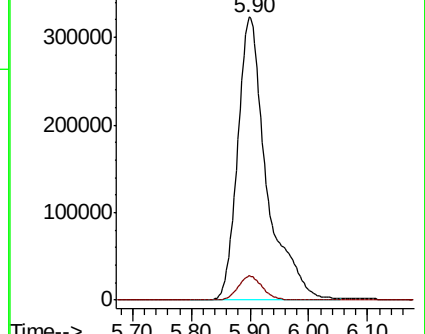
43 100

86 8.6 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.492 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

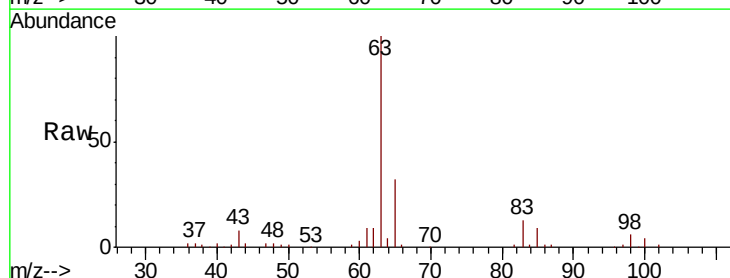
Tgt Ion: 63 Resp: 175881

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

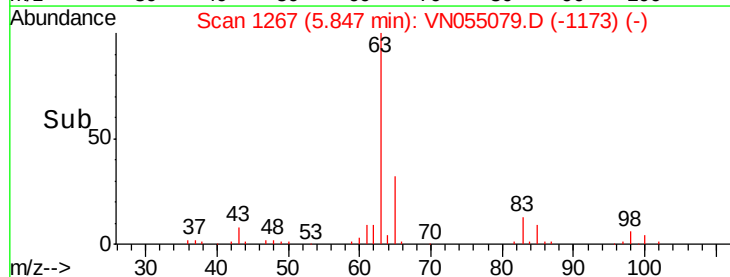
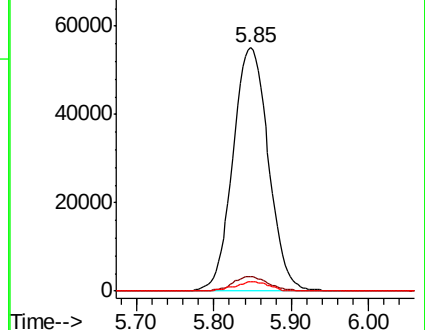
100 3.8 2.0 5.8

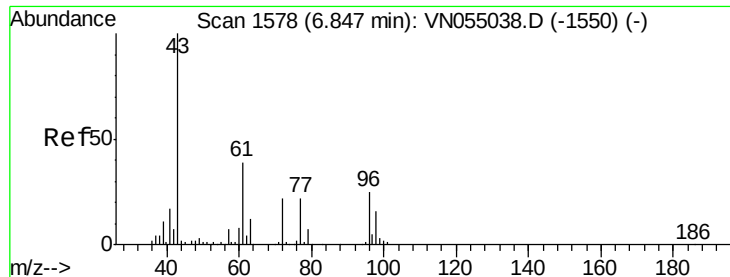


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

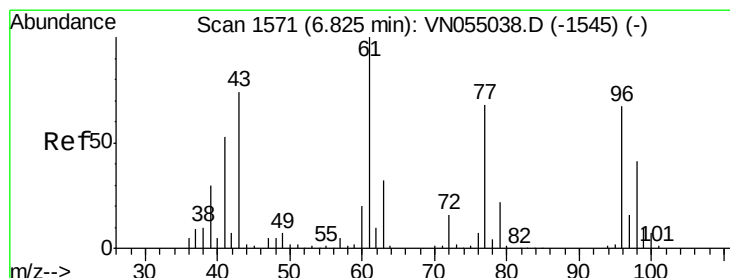
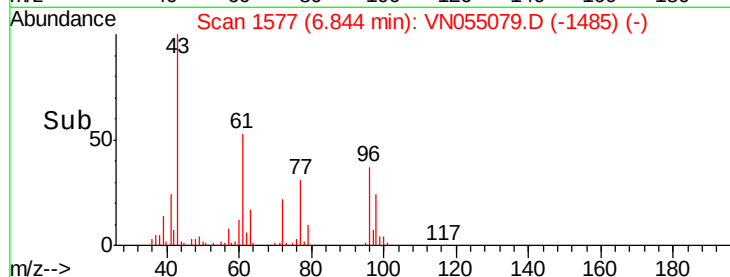
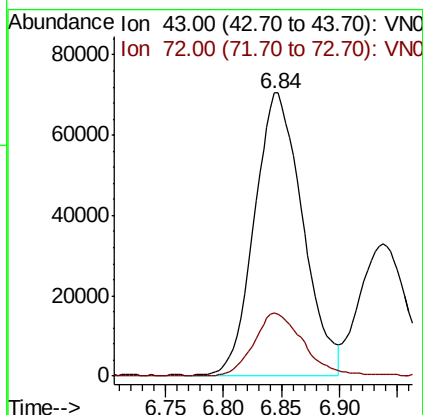
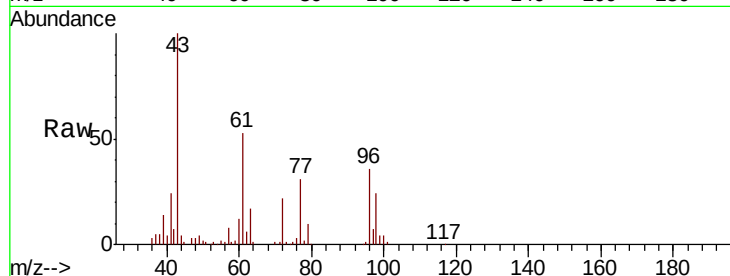




#25
2-Butanone
Concen: 93.402 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

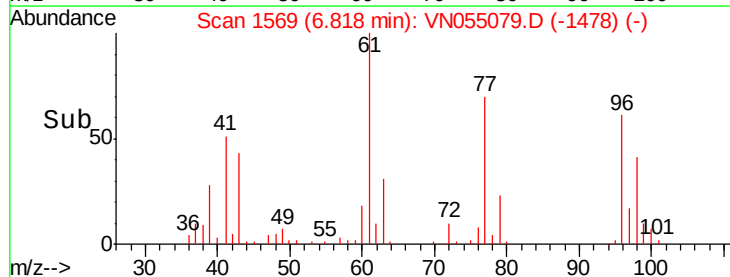
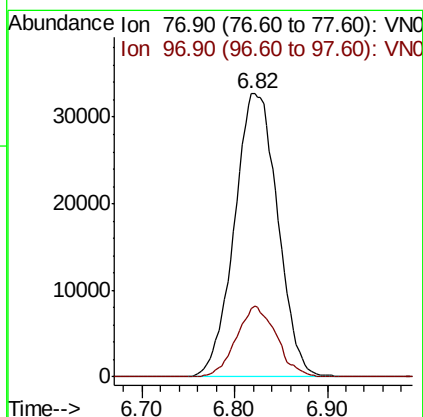
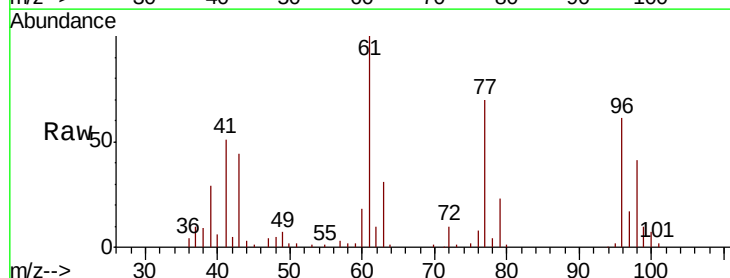
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

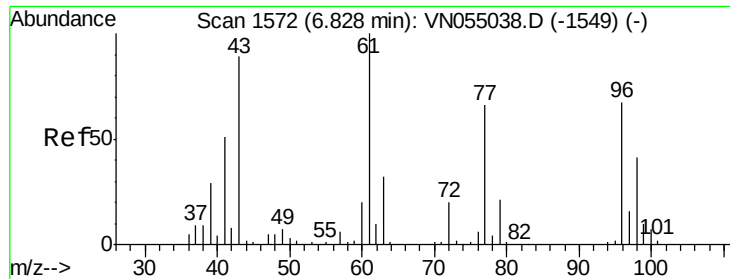
Tot Ion: 43 Resp: 202959
Ion Ratio Lower Upper
43 100
72 22.4 18.1 27.1



#26
2,2-Dichloropropane
Concen: 19.592 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 77 Resp: 106134
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.487 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

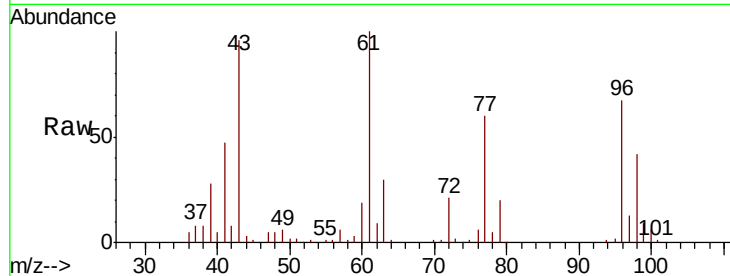
Tot Ion: 96 Resp: 100408

Ion Ratio Lower Upper

96 100

61 153.9 0.0 311.0

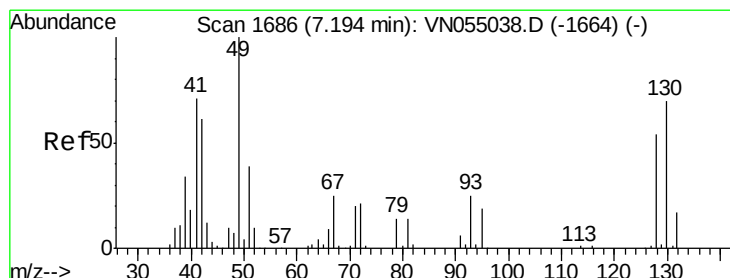
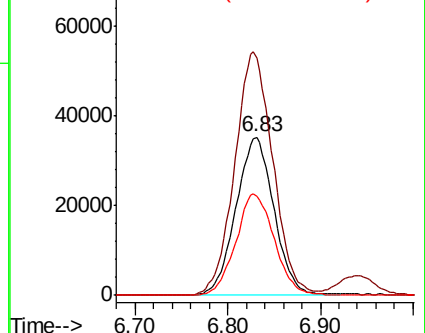
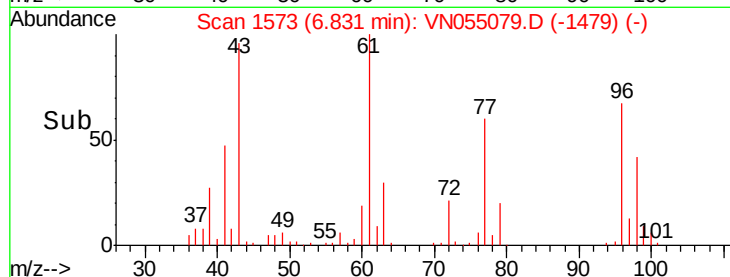
98 64.9 0.0 127.4



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: 20.805 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

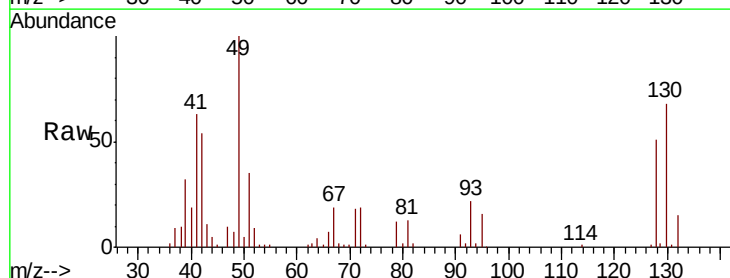
Tgt Ion: 49 Resp: 86076

Ion Ratio Lower Upper

49 100

129 1.1 0.0 2.0

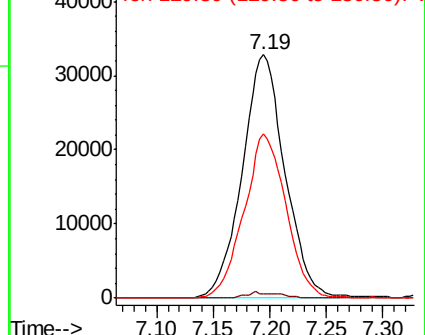
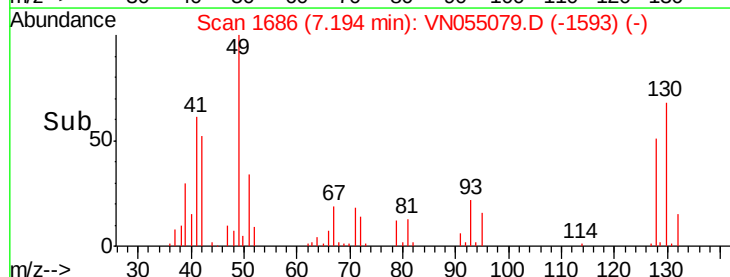
130 66.2 53.4 80.2

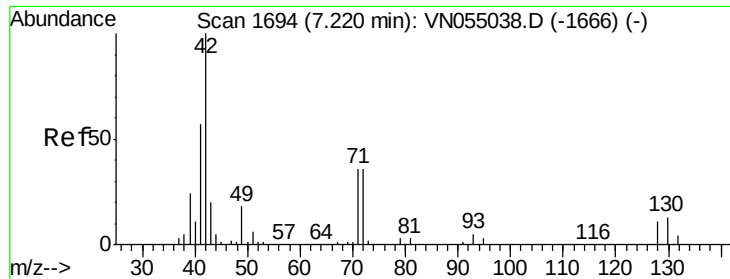


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

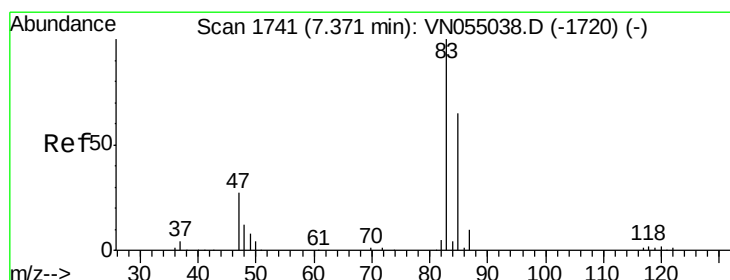
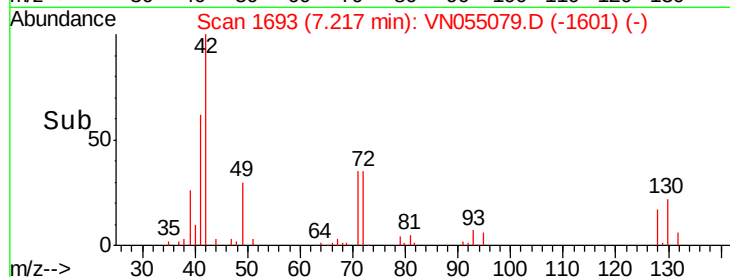
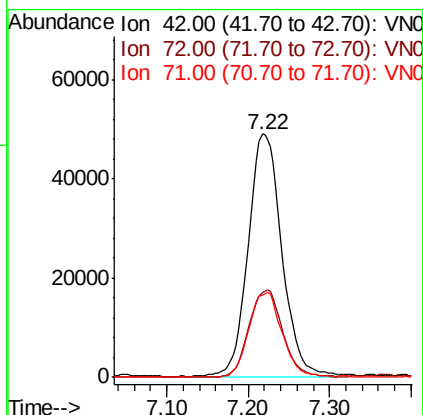
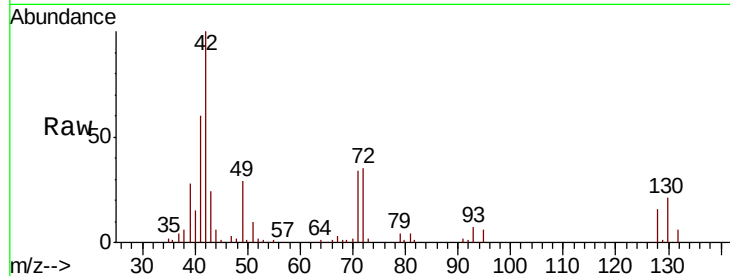




#29
Tetrahydrofuran
Concen: 97.301 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

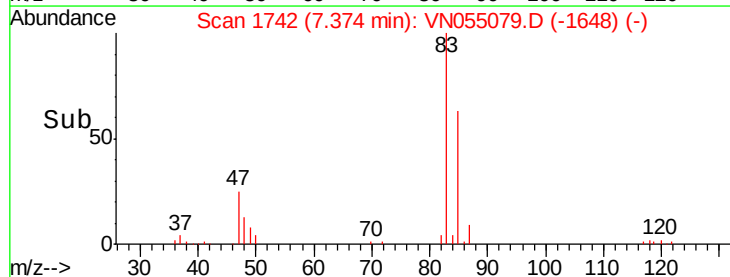
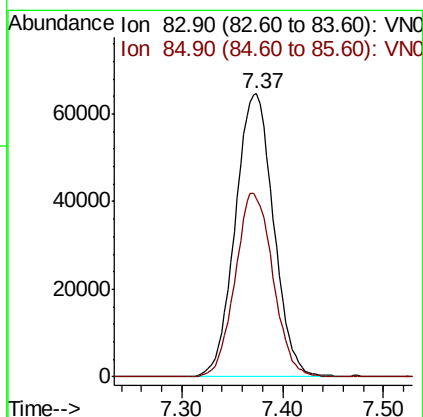
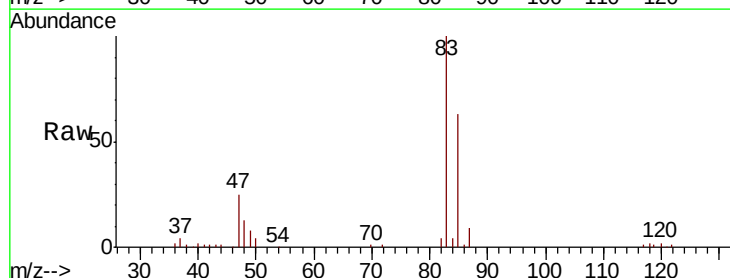
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

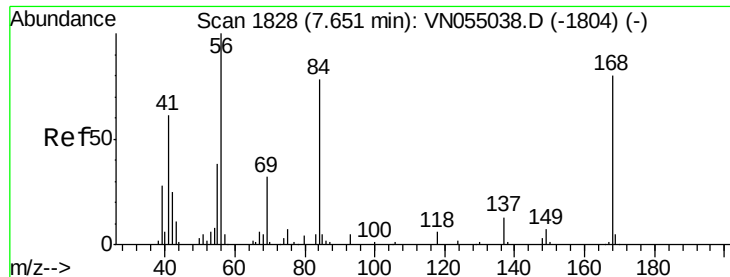
Tot Ion: 42 Resp: 138650
Ion Ratio Lower Upper
42 100
72 36.3 29.4 44.0
71 34.8 27.8 41.6



#30
Chloroform
Concen: 20.415 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 83 Resp: 170195
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.6

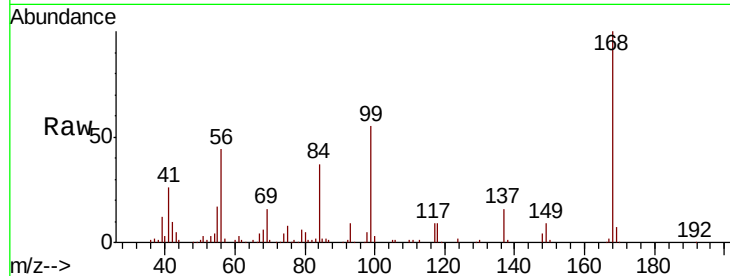




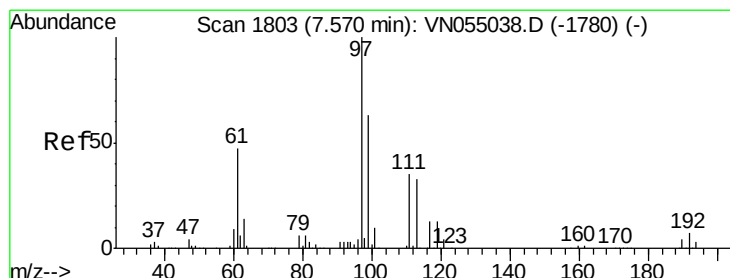
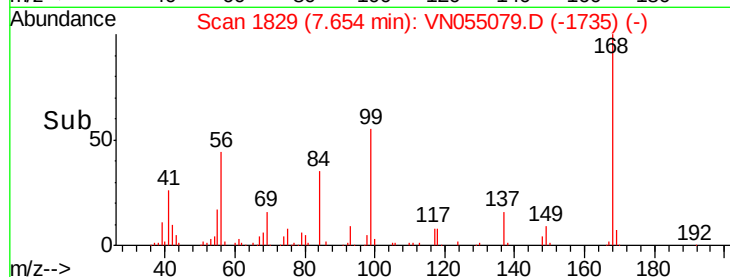
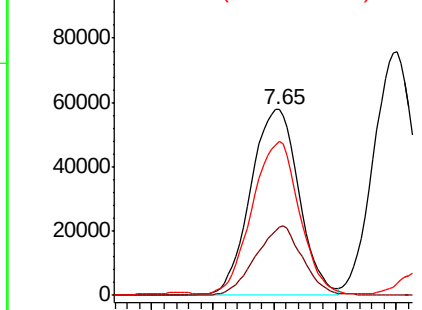
#31
Cyclohexane
Concen: 20.220 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tot Ion: 56 Resp: 159079
Ion Ratio Lower Upper
56 100
69 36.1 24.5 36.7
84 81.5 62.9 94.3

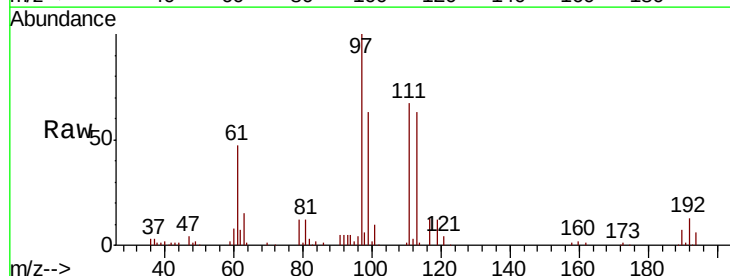


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

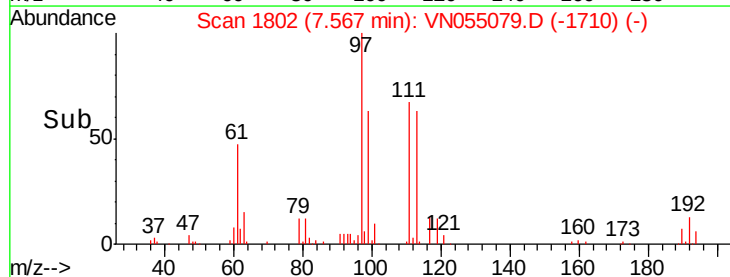
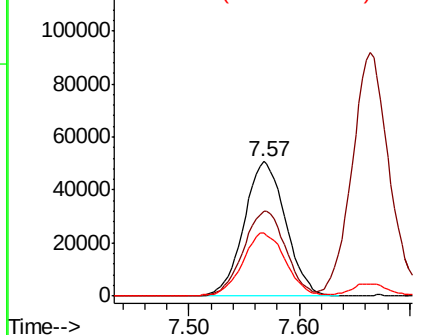


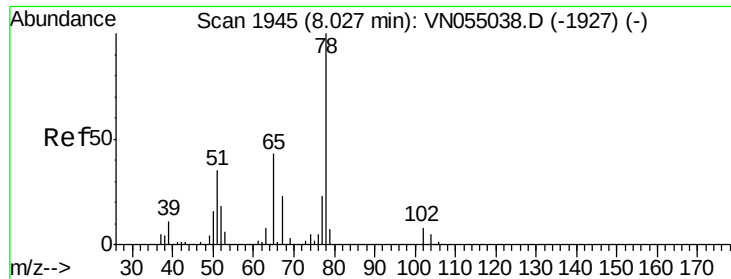
#32
1,1,1-Trichloroethane
Concen: 20.062 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 97 Resp: 132512
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 48.2 38.3 57.5



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

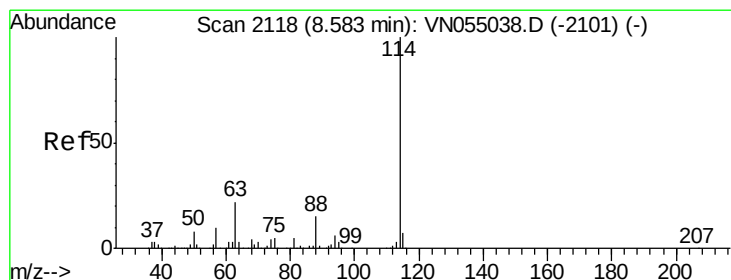
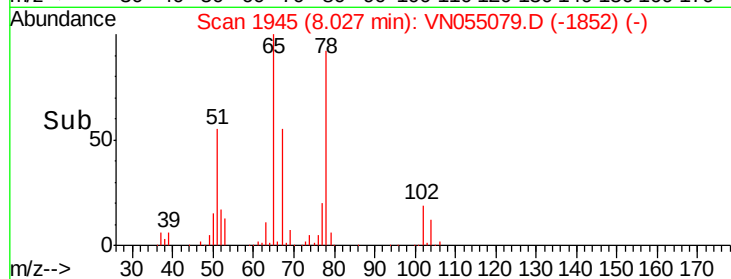
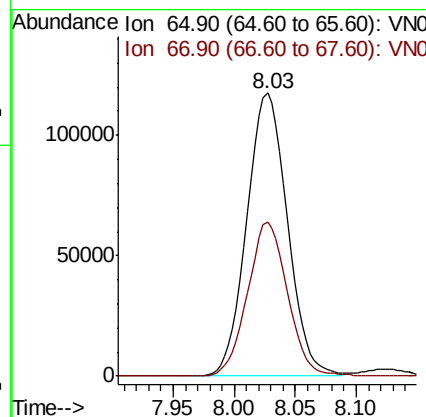
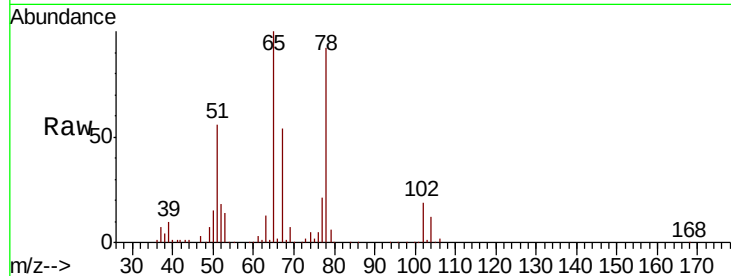




#33
 1,2-Dichloroethane-d4
 Concen: 50.517 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

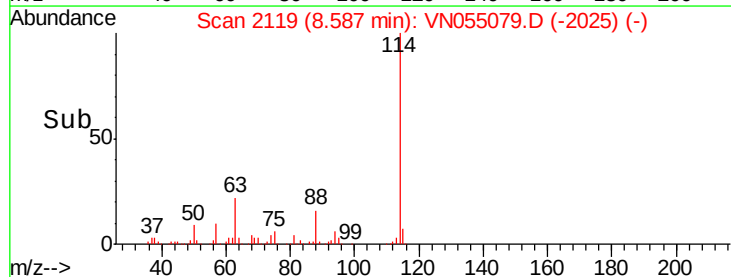
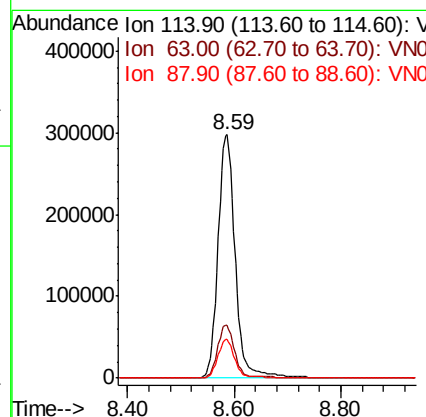
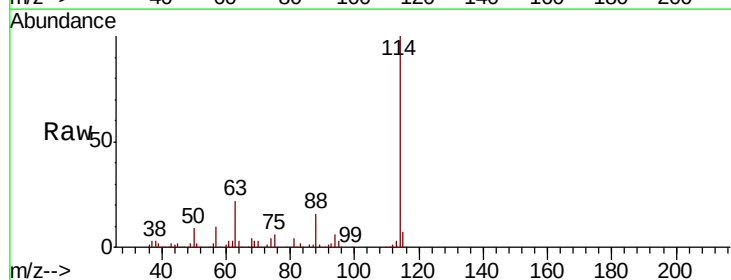
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

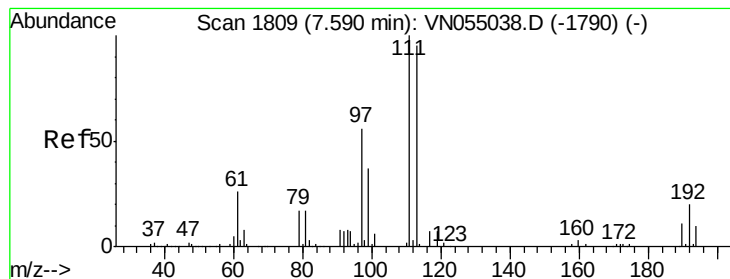
Tot Ion: 65 Resp: 270981
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 114 Resp: 670611
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.2
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

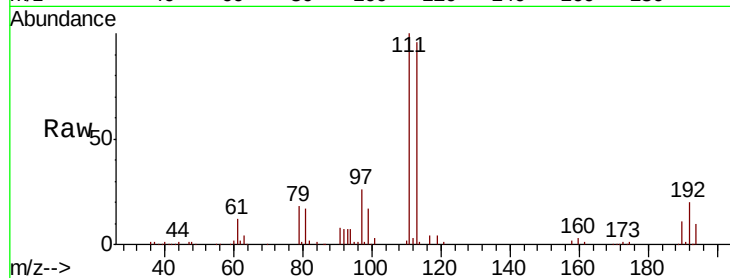
Tot Ion:113 Resp: 221462

Ion Ratio Lower Upper

113 100

111 103.9 82.1 123.1

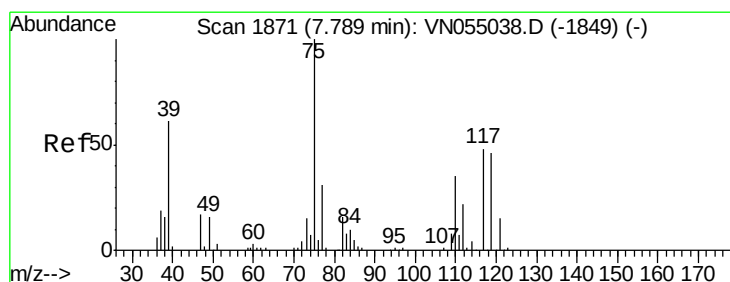
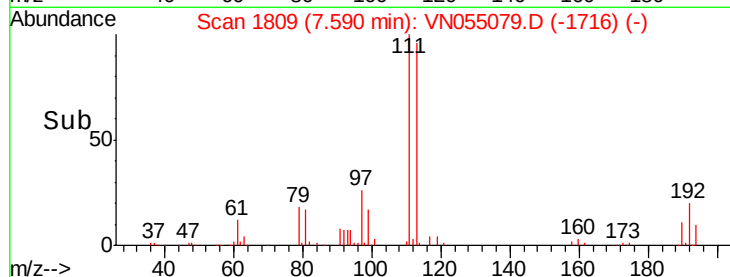
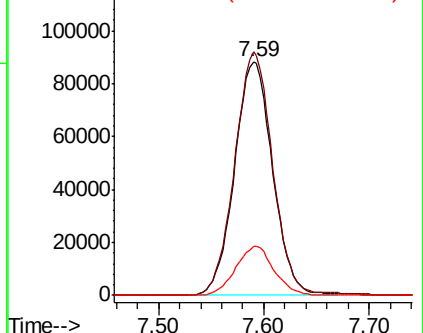
192 21.0 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.765 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

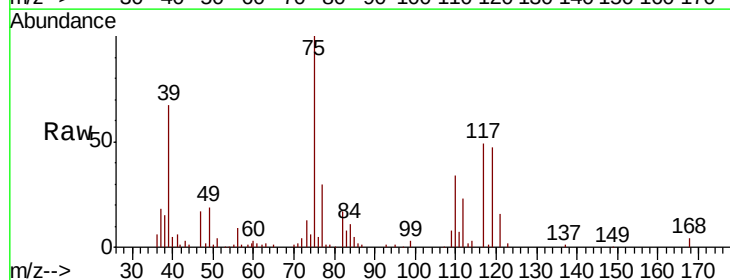
Tgt Ion: 75 Resp: 118625

Ion Ratio Lower Upper

75 100

110 36.0 17.5 52.5

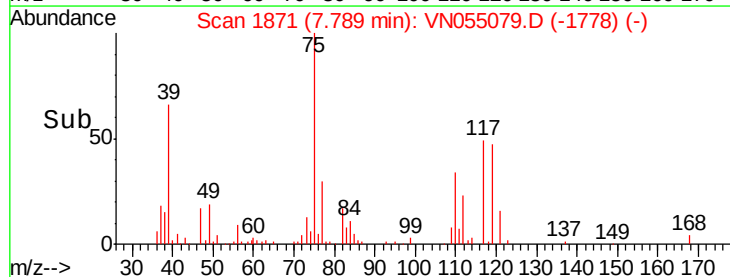
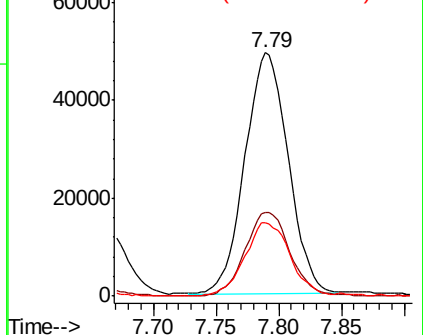
77 32.0 24.9 37.3

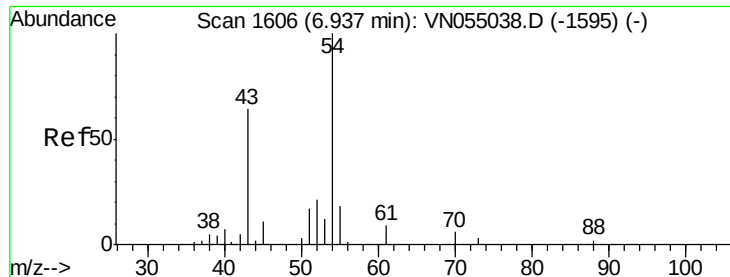


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

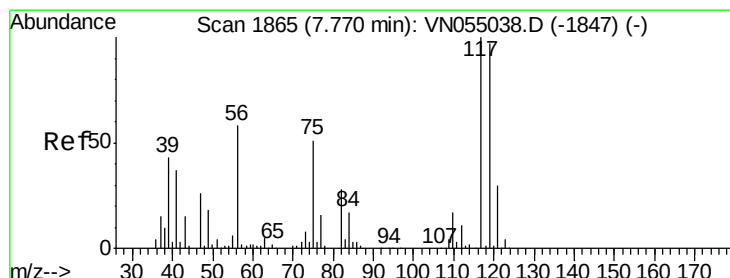
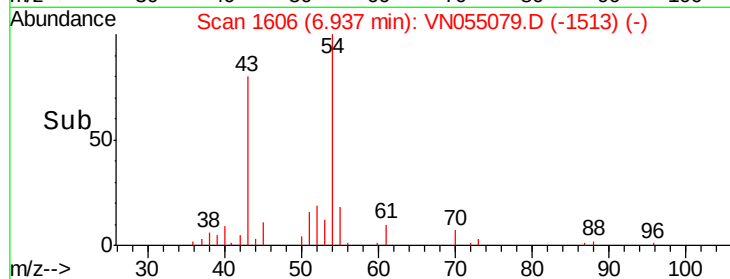
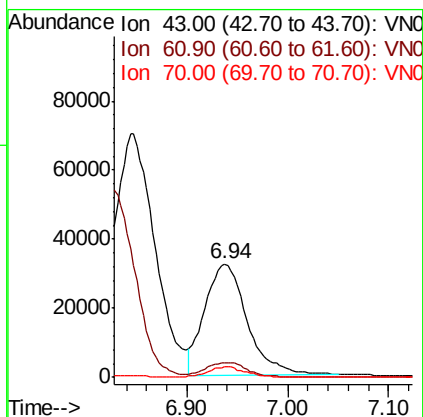
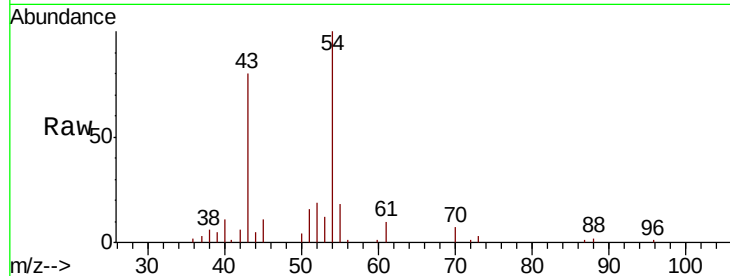




#37
Ethyl Acetate
Concen: 18.464 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

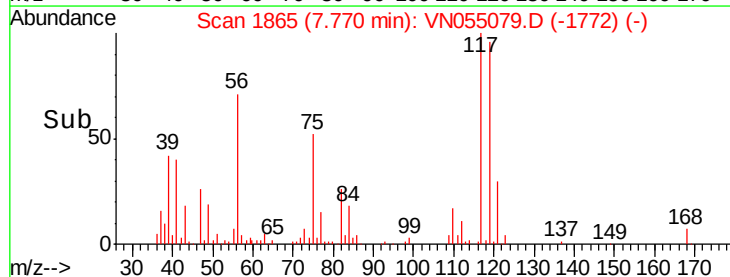
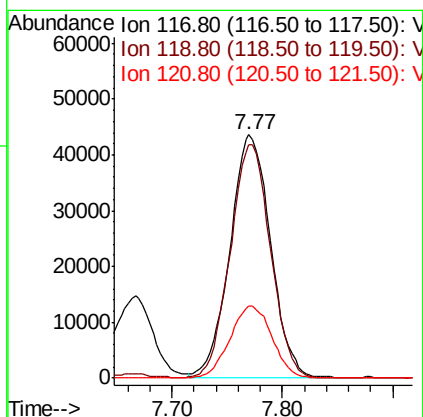
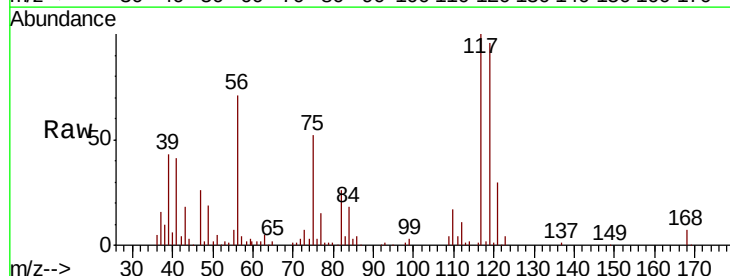
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

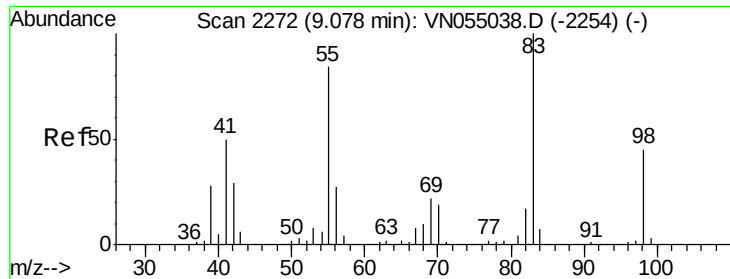
Tot Ion: 43 Resp: 95026
Ion Ratio Lower Upper
43 100
61 13.3 10.0 15.0
70 8.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.580 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 117 Resp: 111751
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5
121 29.7 23.9 35.9

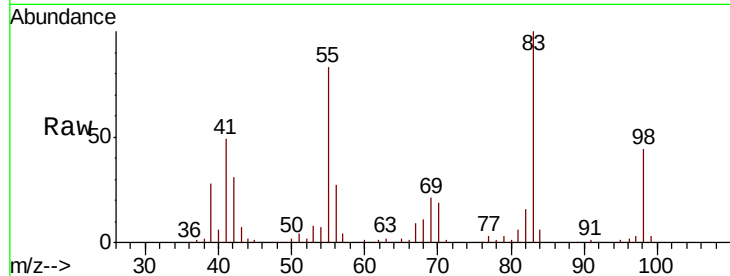




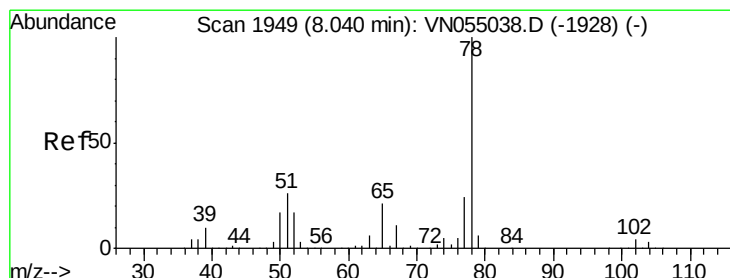
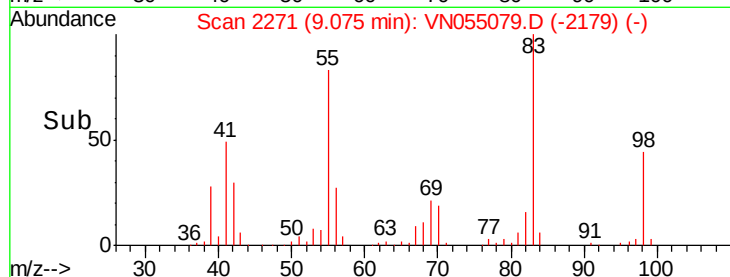
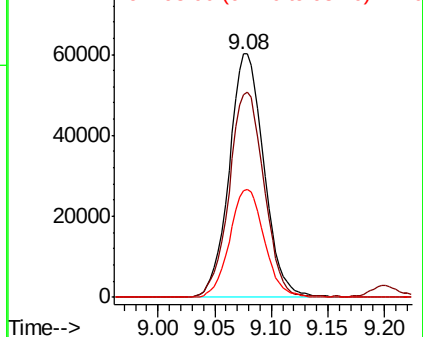
#39
Methylvlcyclohexane
Concen: 18.764 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tot Ion: 83 Resp: 128544
Ion Ratio Lower Upper
83 100
55 83.2 67.0 100.4
98 43.8 35.6 53.4

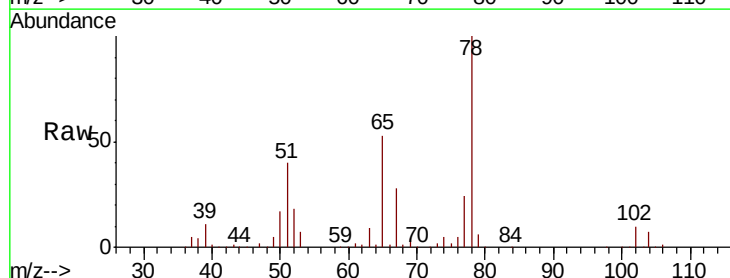


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

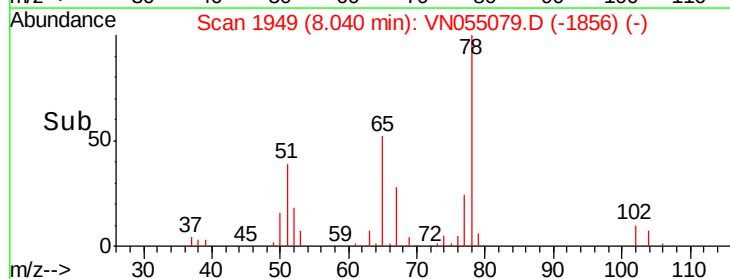
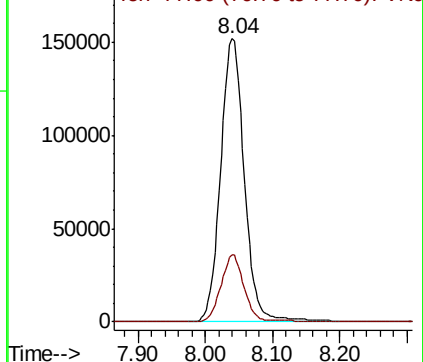


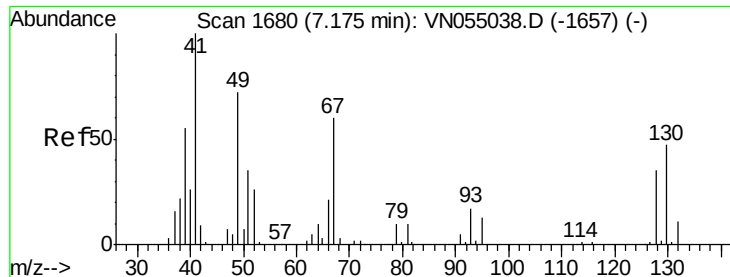
#40
Benzene
Concen: 19.642 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 78 Resp: 374233
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

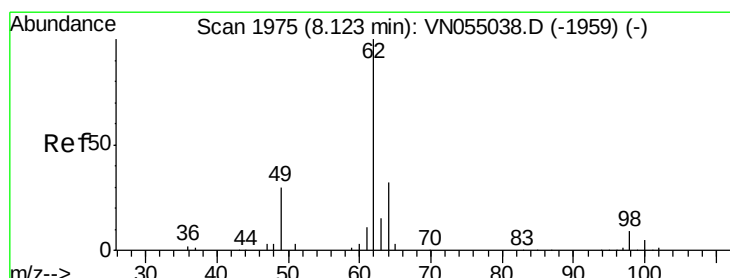
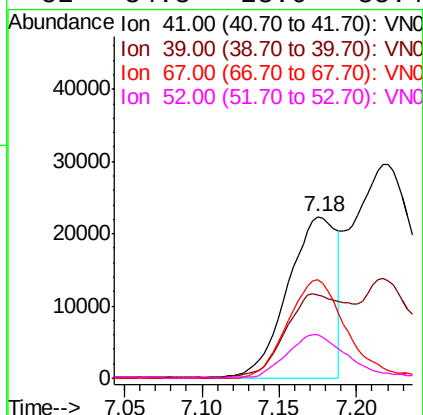
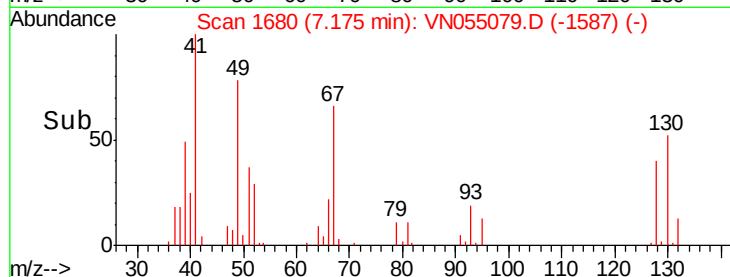
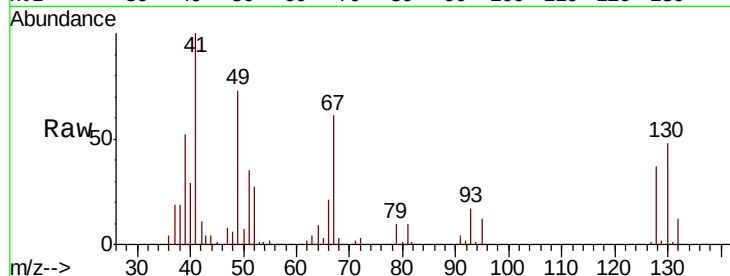




#41
Methacrylonitrile
Concen: 17.159 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

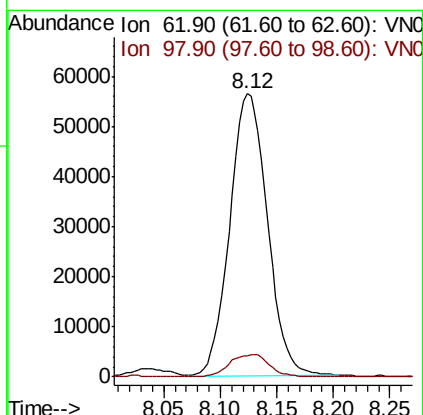
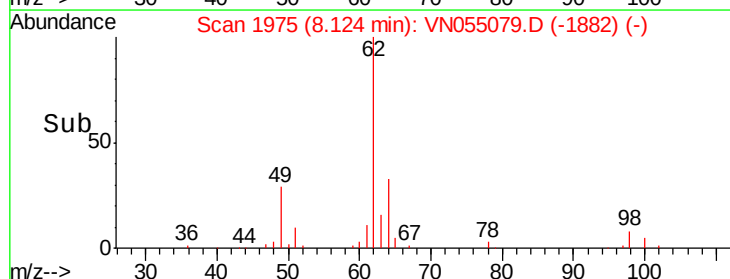
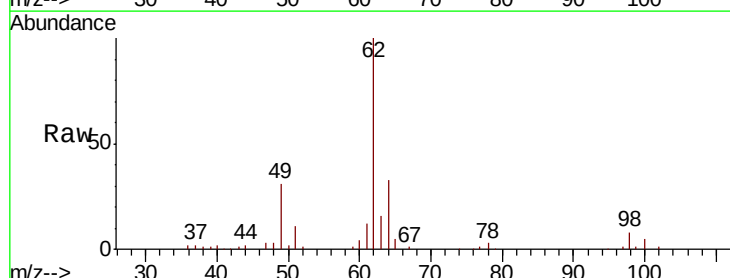
Instrument :
MSVOA_N
ClientSampled :
VN0416WBS02

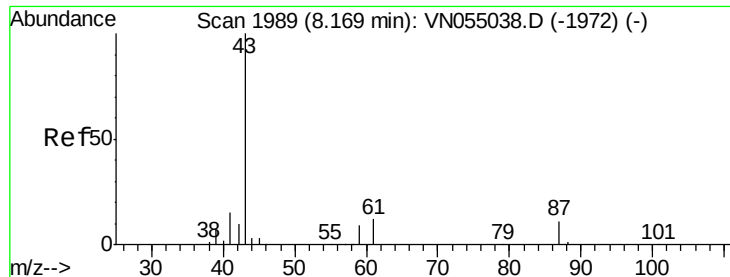
Tot Ion:	41	Resp:	49023
Ion	Ratio	Lower	Upper
41	100		
39	66.3	45.6	68.4
67	73.5	57.0	85.6
52	34.3	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.754 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion:	62	Resp:	130677
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4





#43

Isopropyl Acetate

Concen: 19.367 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

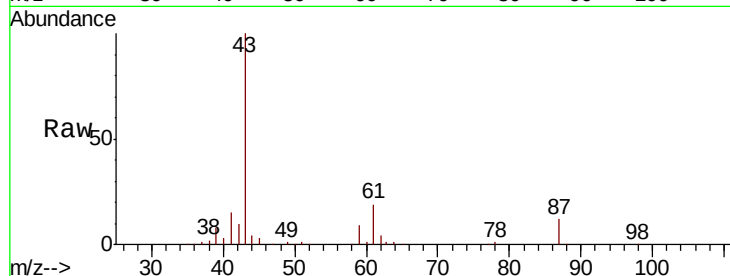
Tot Ion: 43 Resp: 153587

Ion Ratio Lower Upper

43 100

61 19.2 14.3 21.5

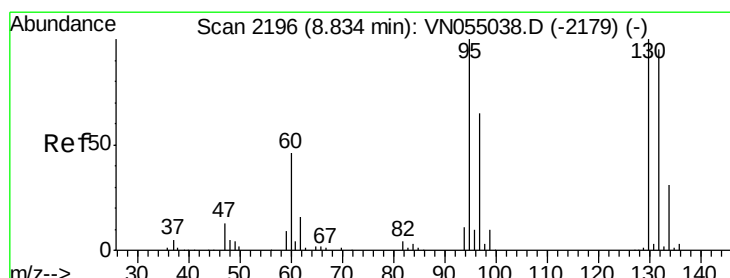
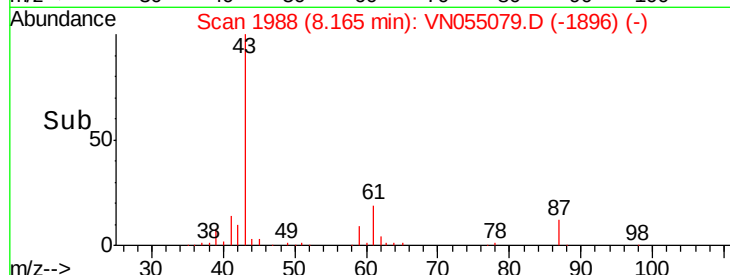
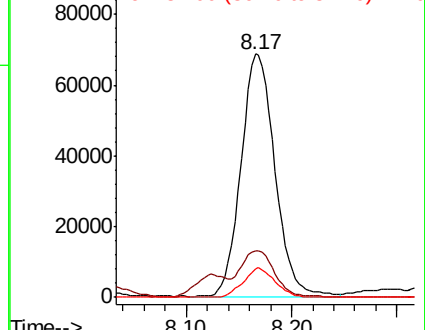
87 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.944 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055079.D

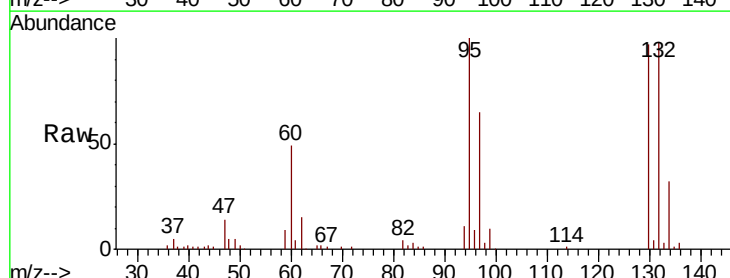
Acq: 16 Apr 2019 15:33

Tgt Ion:130 Resp: 90408

Ion Ratio Lower Upper

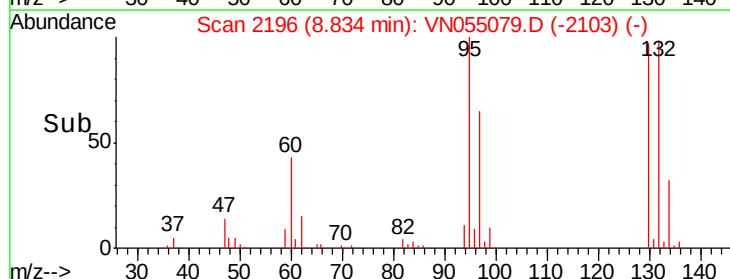
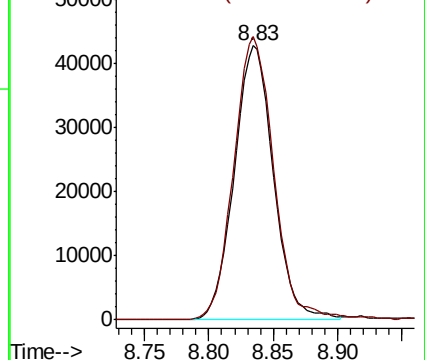
130 100

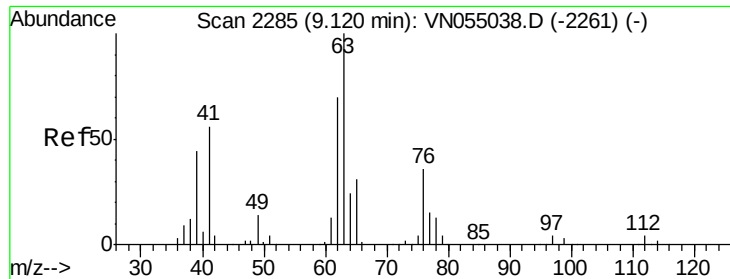
95 103.2 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

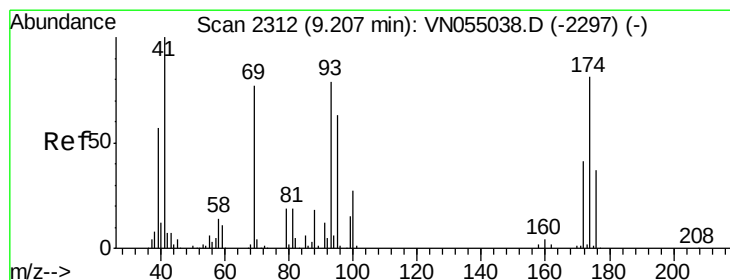
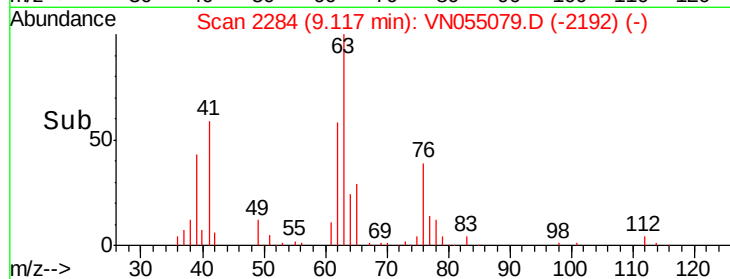
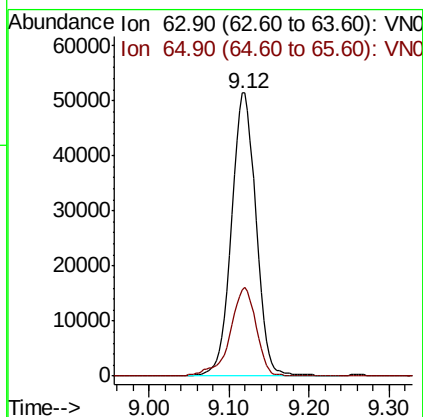
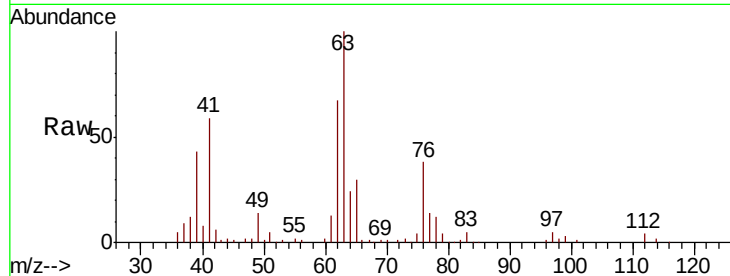




#45
 1,2-Dichloropropane
 Concen: 20.135 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

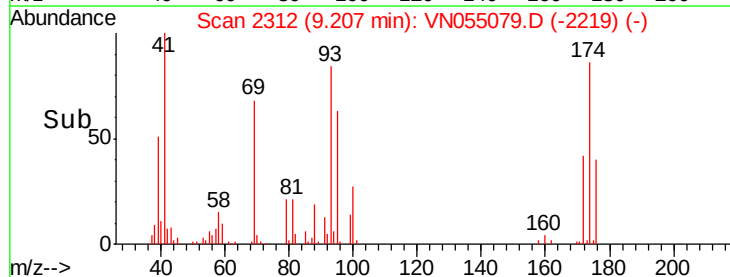
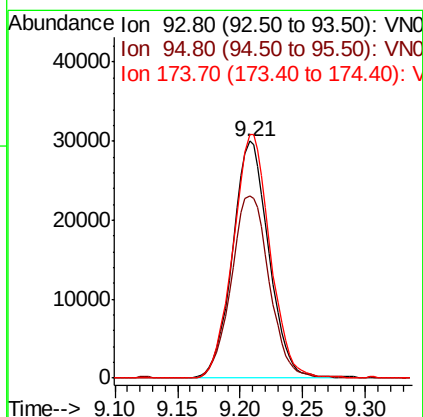
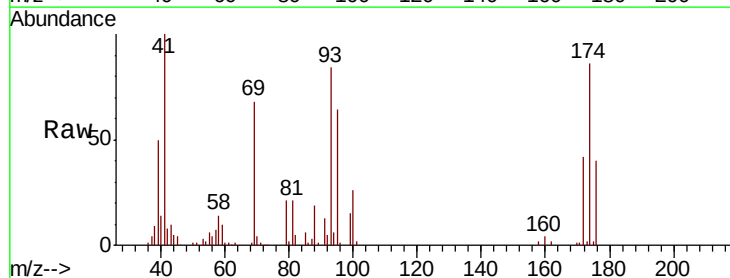
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

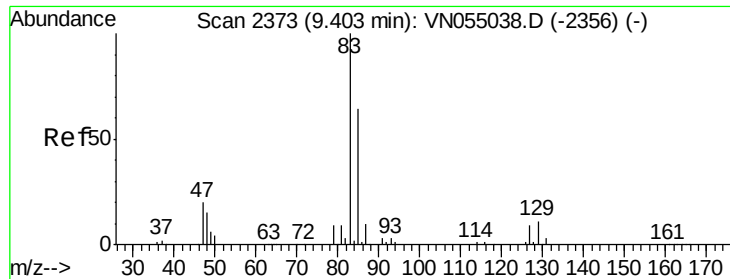
Tot Ion: 63 Resp: 106989
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 19.905 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 93 Resp: 60201
 Ion Ratio Lower Upper
 93 100
 95 80.4 65.0 97.6
 174 104.7 81.0 121.6





#47

Bromodichloromethane

Concen: 19.257 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

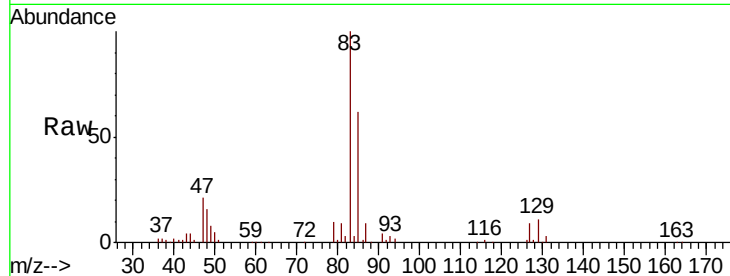
Tot Ion: 83 Resp: 120080

Ion Ratio Lower Upper

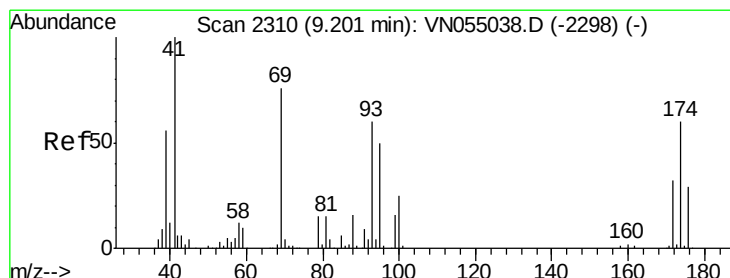
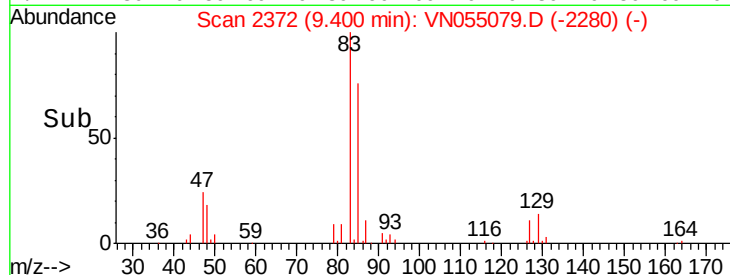
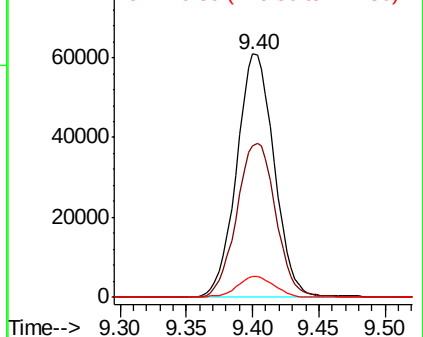
83 100

85 62.4 51.2 76.8

127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.296 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

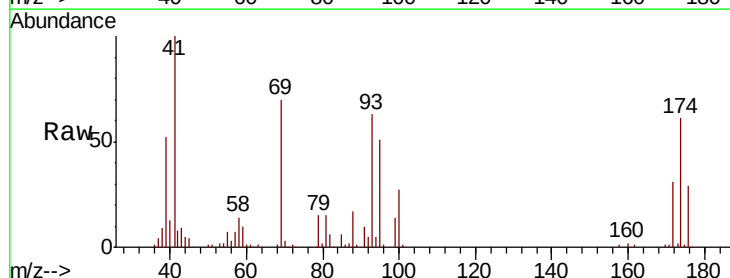
Tgt Ion: 41 Resp: 75848

Ion Ratio Lower Upper

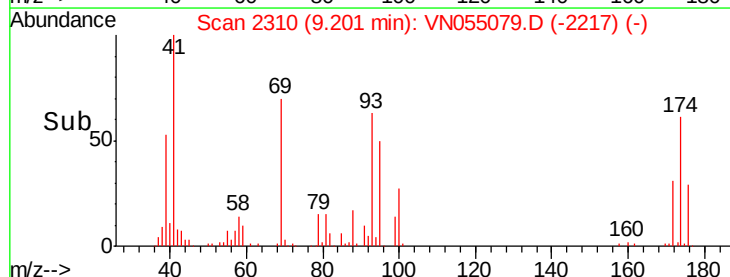
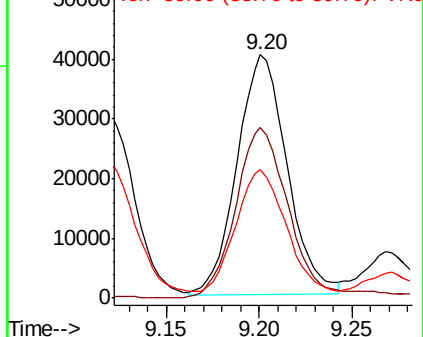
41 100

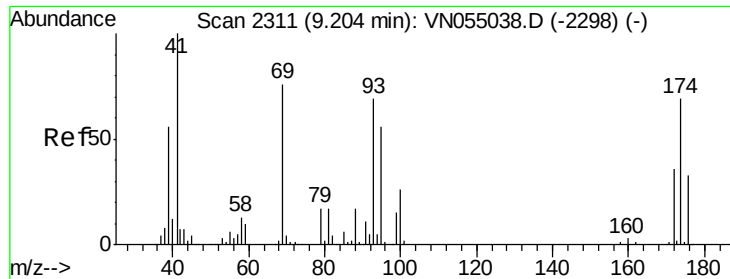
69 73.6 60.5 90.7

39 54.1 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 429.371 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

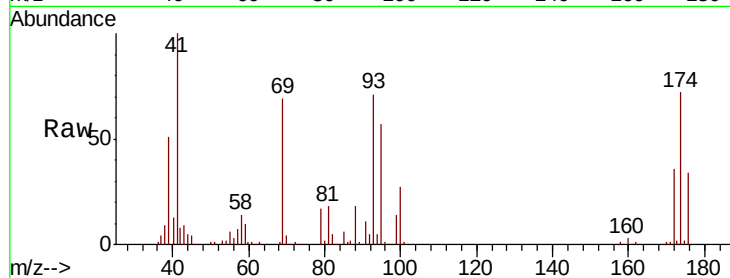
Tot Ion: 88 Resp: 15812

Ion Ratio Lower Upper

88 100

43 38.4 31.8 47.8

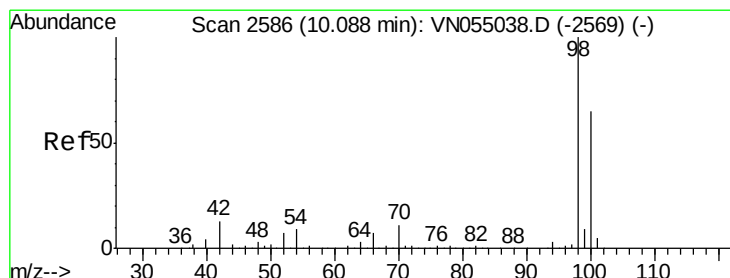
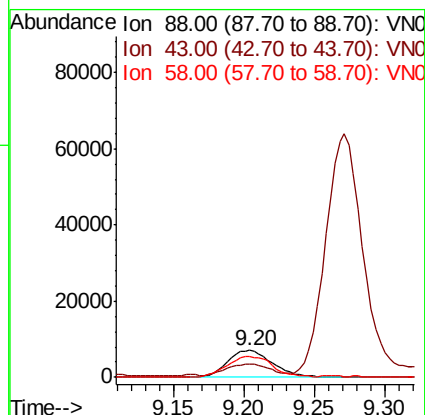
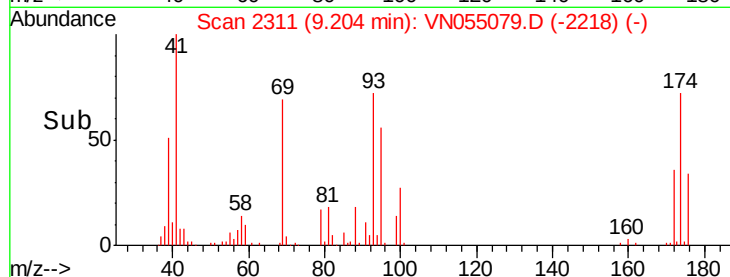
58 78.1 61.6 92.4



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: 50.158 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055079.D

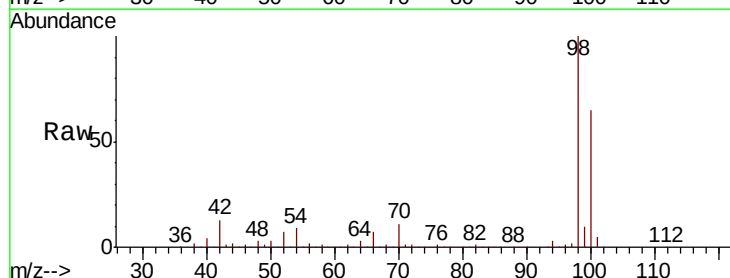
Acq: 16 Apr 2019 15:33

Tgt Ion: 98 Resp: 804554

Ion Ratio Lower Upper

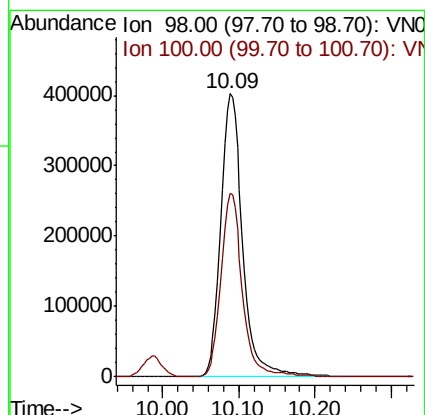
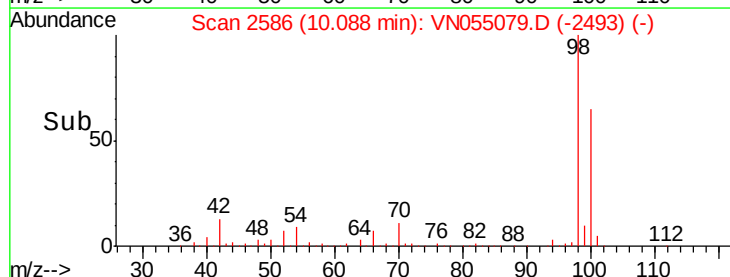
98 100

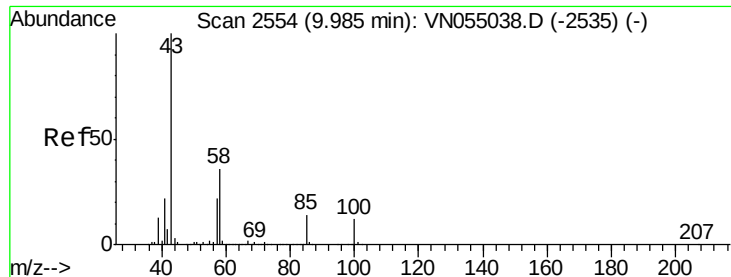
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

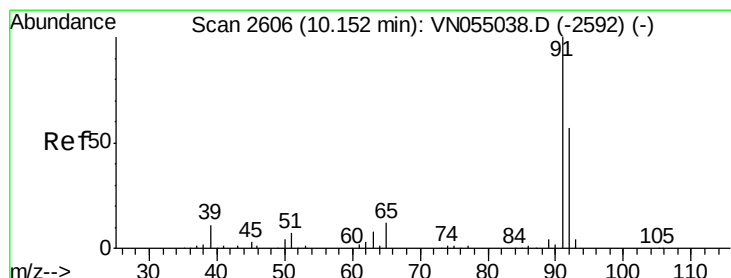
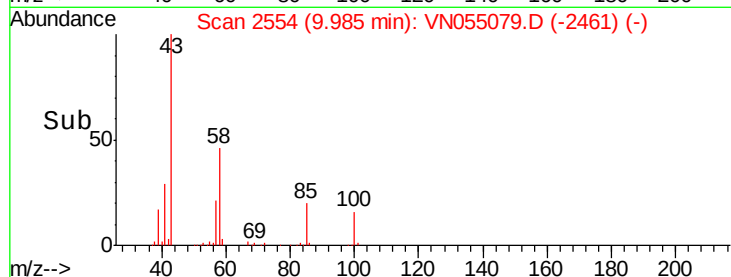
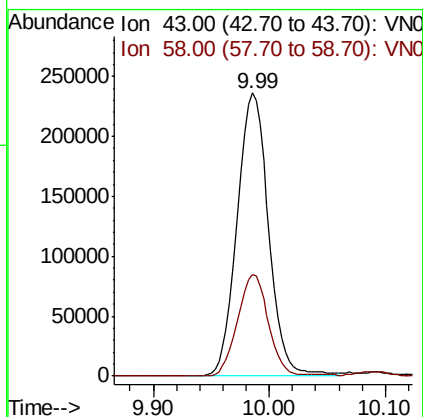
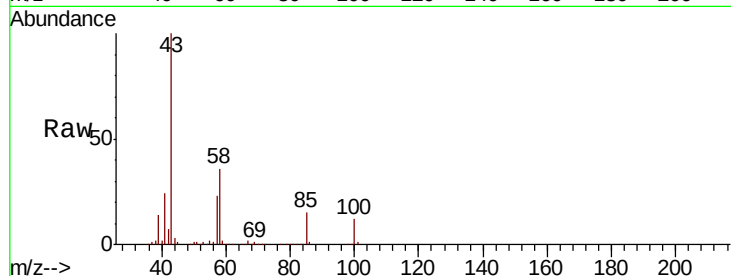




#51
 4-Methyl-2-Pentanone
 Concen: 96.625 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

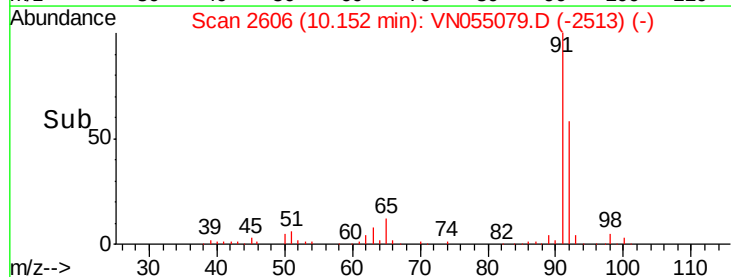
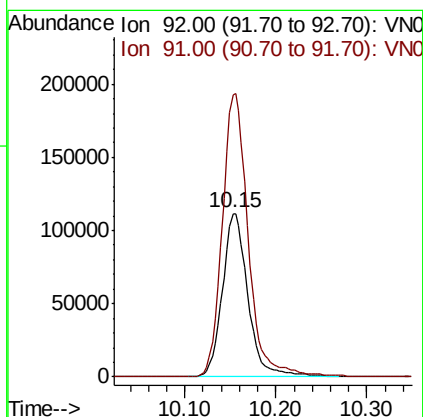
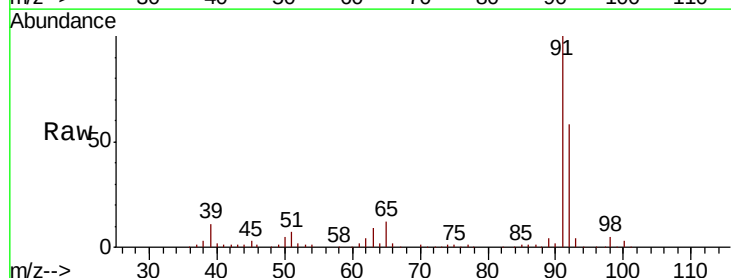
Instrument :
 MSVOA_N
 ClientSampled :
 VN0416WBS02

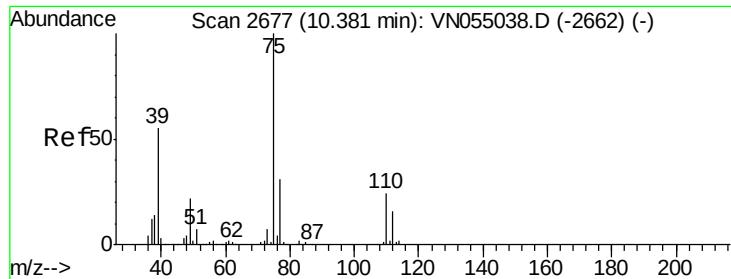
Tot Ion: 43 Resp: 442691
 Ion Ratio Lower Upper
 43 100
 58 35.3 29.0 43.4



#52
 Toluene
 Concen: 19.999 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 92 Resp: 218234
 Ion Ratio Lower Upper
 92 100
 91 176.3 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 19.325 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

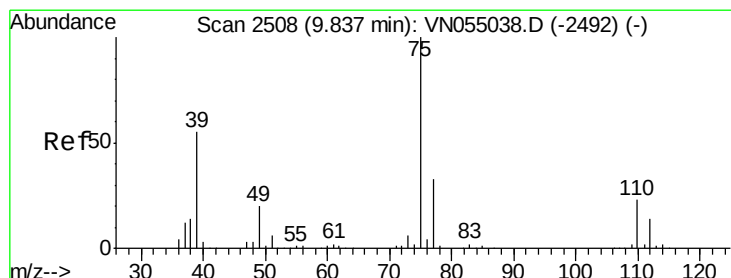
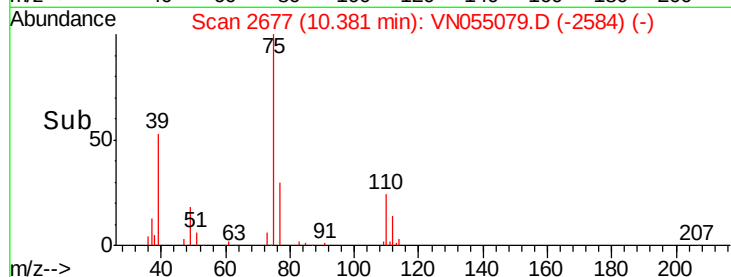
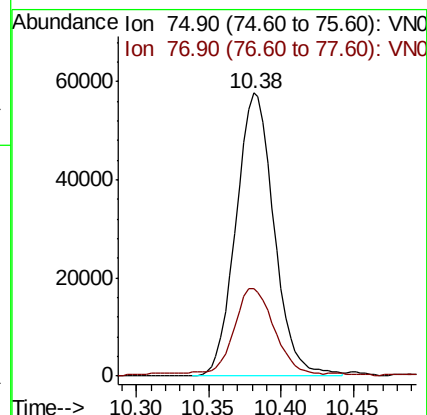
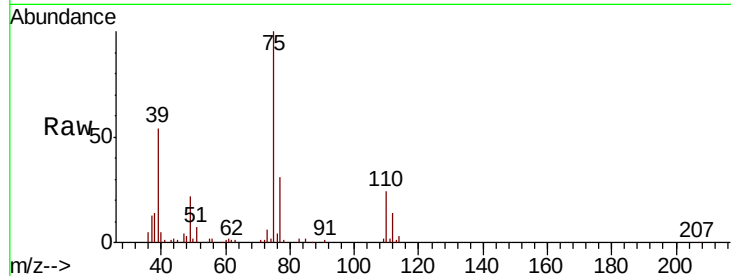
VN0416WBS02

Tot Ion: 75 Resp: 105309

Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.840 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

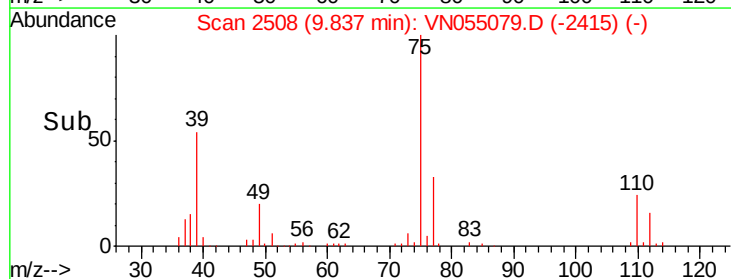
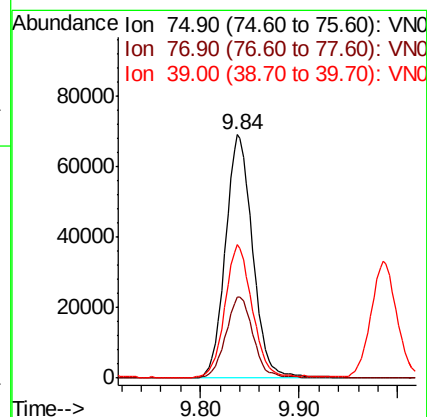
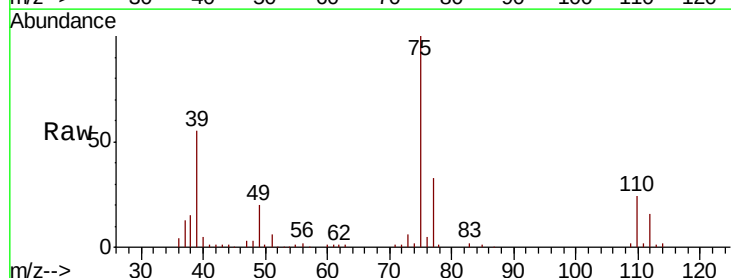
Tgt Ion: 75 Resp: 134184

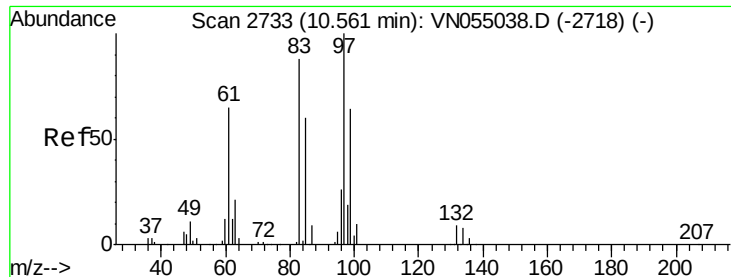
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

39 54.3 43.8 65.8





#55

1,1,2-Trichloroethane

Concen: 19.419 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampled :

VN0416WBS02

Tot Ion: 97 Resp: 81642

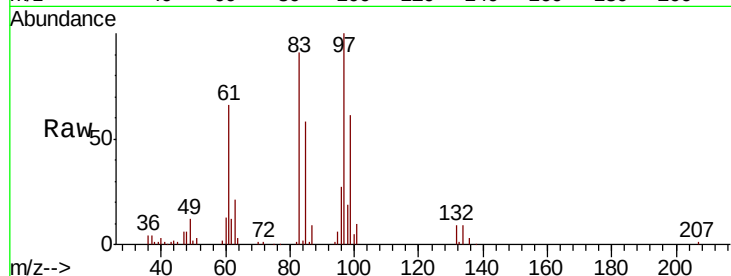
Ion Ratio Lower Upper

97 100

83 91.5 70.5 105.7

85 57.6 45.5 68.3

99 60.9 49.4 74.0

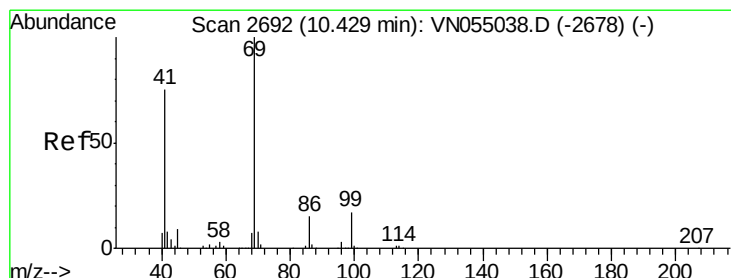
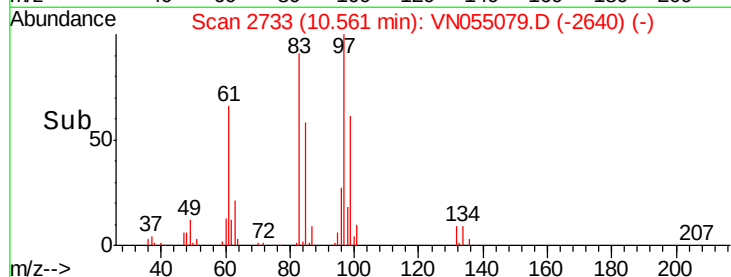
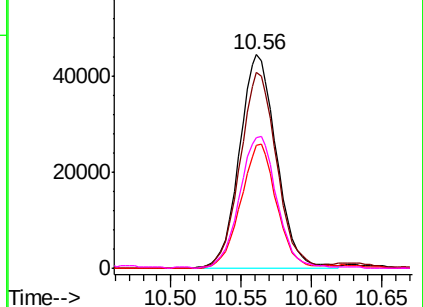


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.466 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

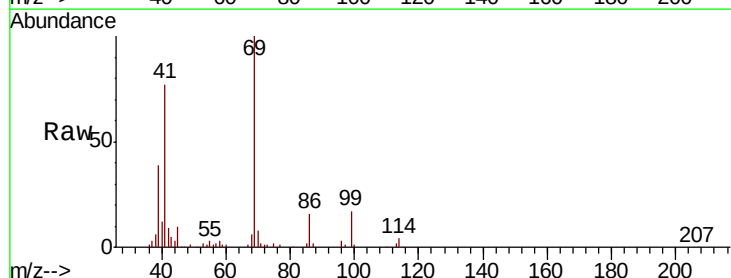
Tgt Ion: 69 Resp: 103263

Ion Ratio Lower Upper

69 100

41 73.7 61.4 92.0

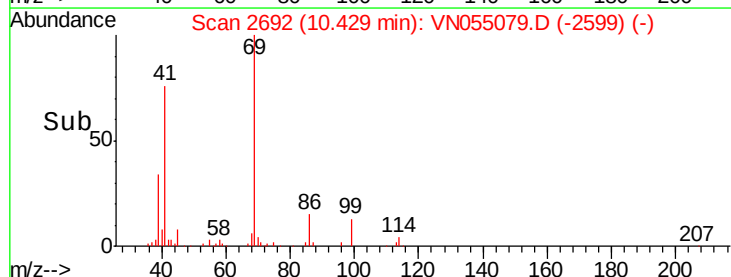
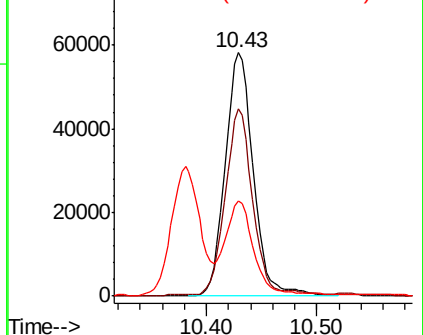
39 37.5 30.8 46.2

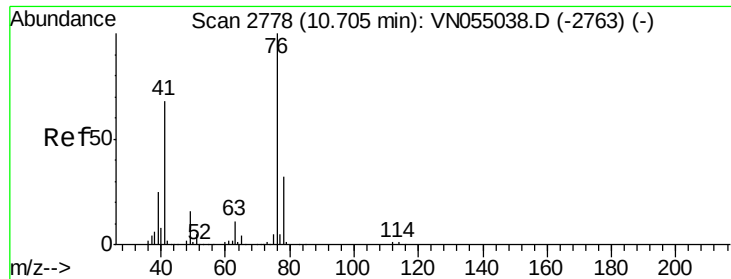


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

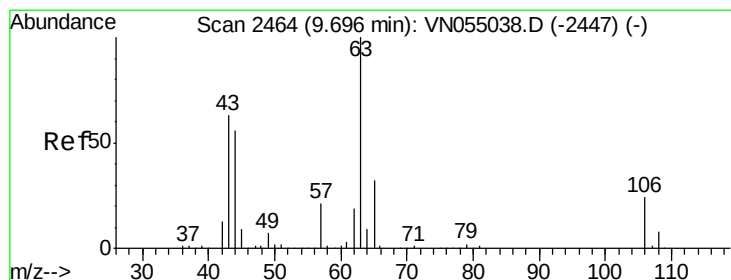
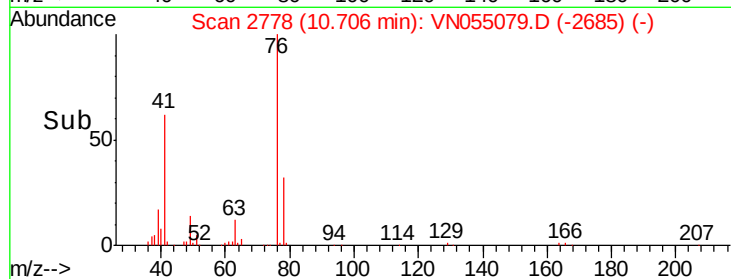
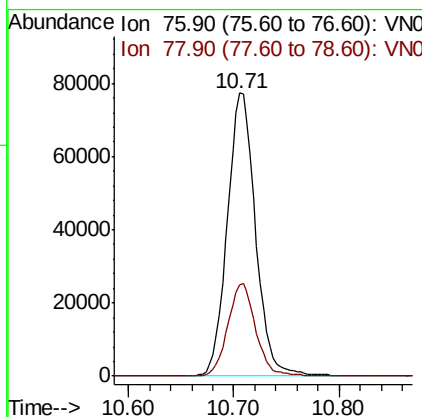
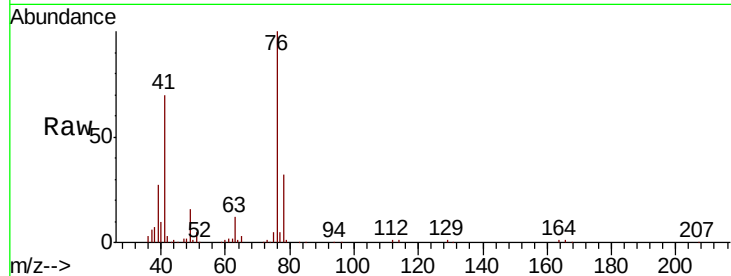




#57
 1,3-Dichloropropane
 Concen: 20.024 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

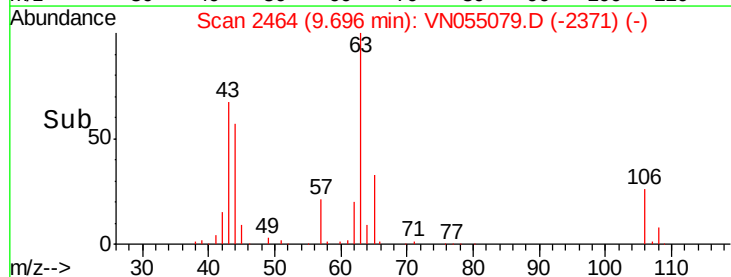
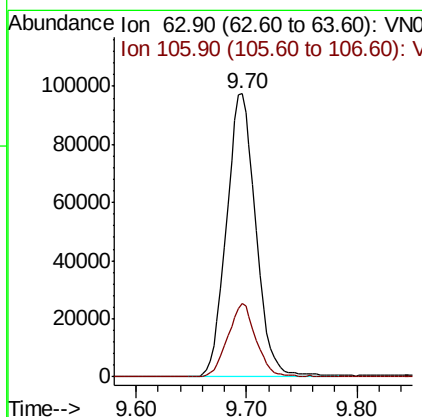
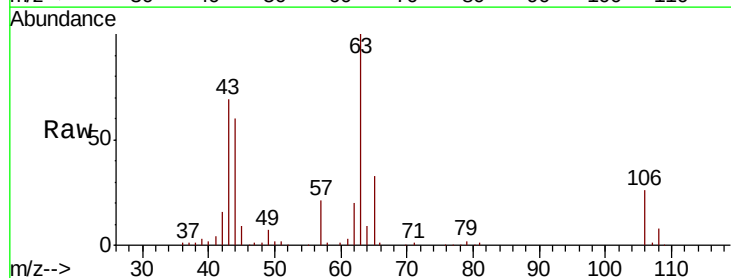
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

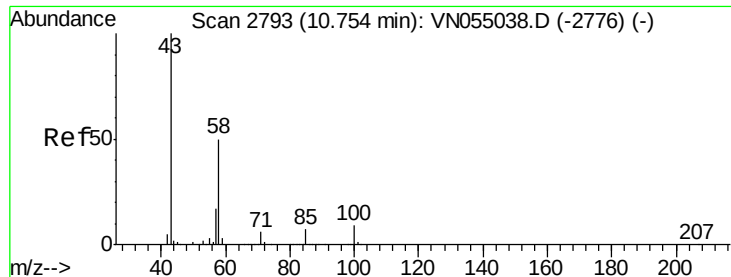
Tot Ion: 76 Resp: 143336
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.424 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 63 Resp: 179895
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.0 30.0

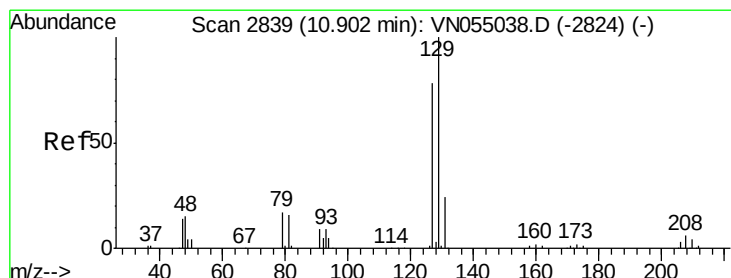
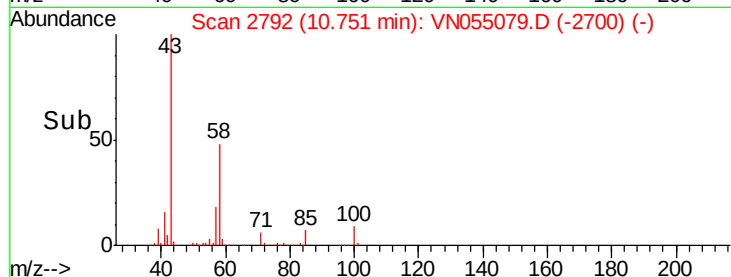
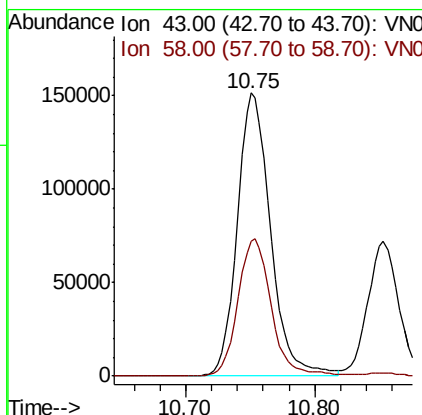
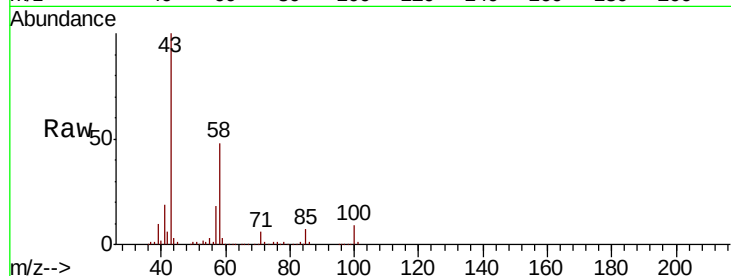




#59
2-Hexanone
Concen: 93.663 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

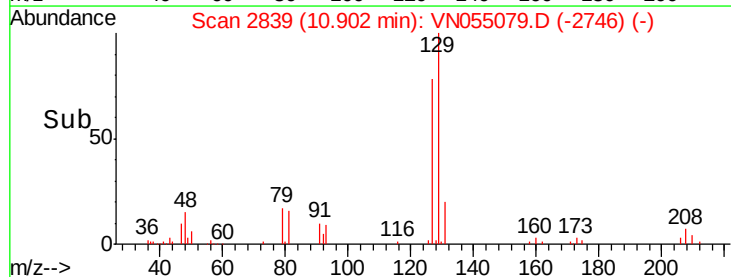
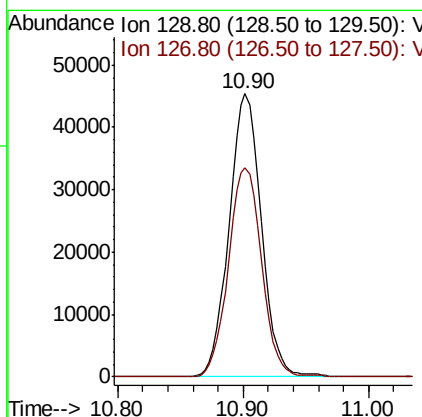
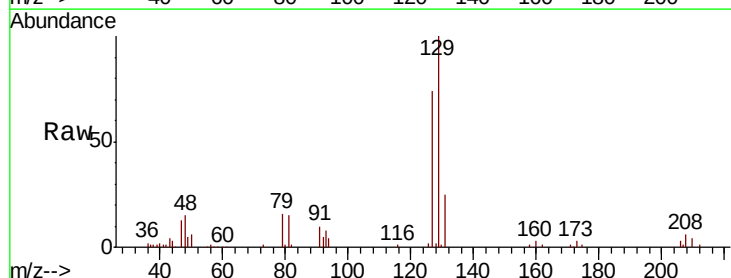
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

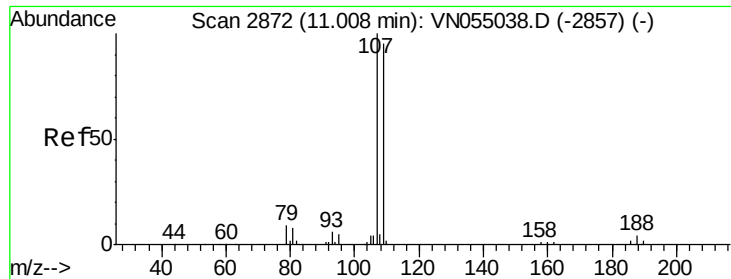
Tot Ion: 43 Resp: 269528
Ion Ratio Lower Upper
43 100
58 49.2 25.1 75.2



#60
Dibromochloromethane
Concen: 19.771 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 129 Resp: 81168
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6

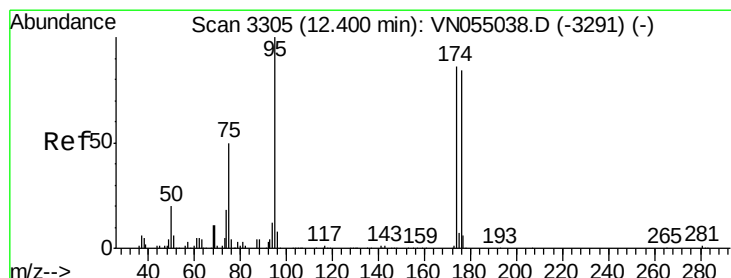
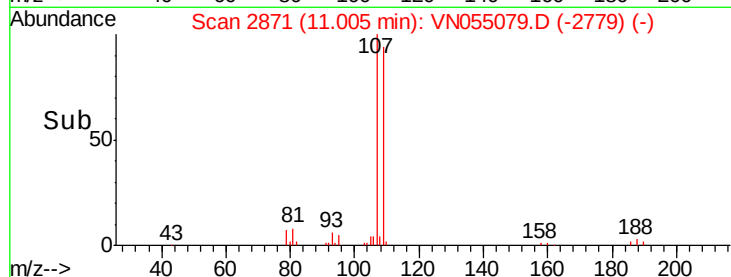
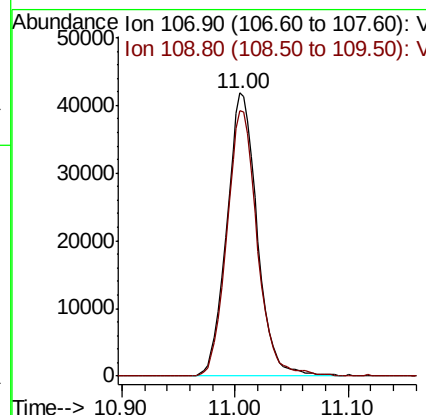
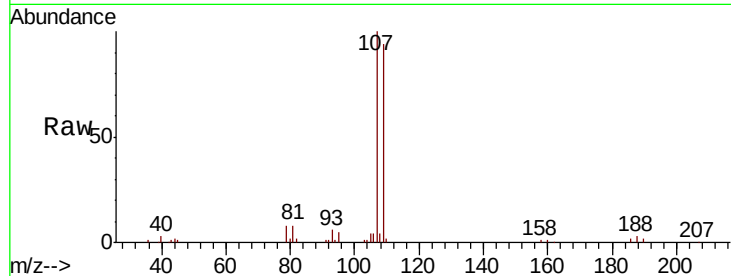




#61
 1,2-Dibromoethane
 Concen: 20.153 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

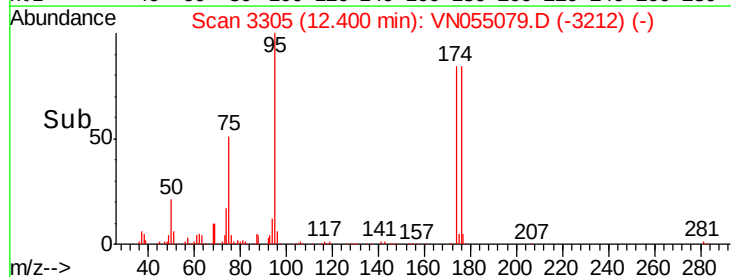
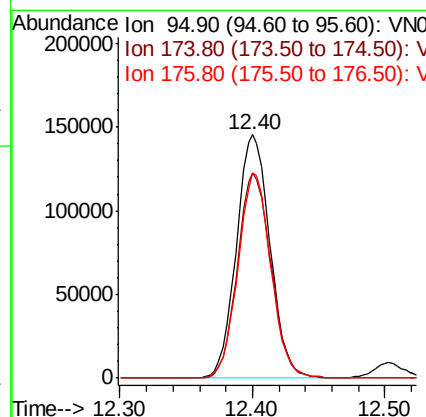
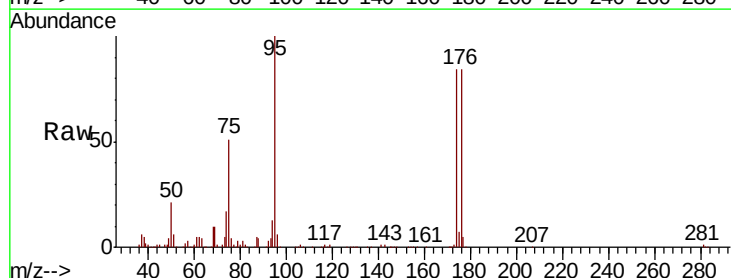
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

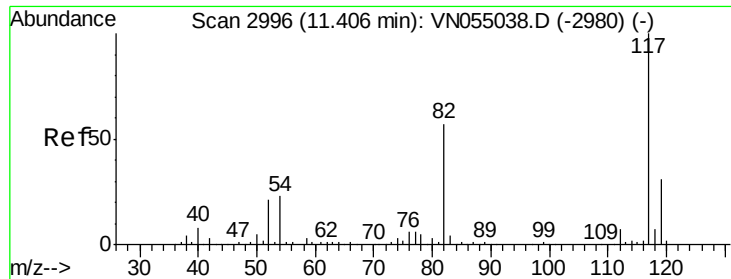
Tot Ion:107 Resp: 77986
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.988 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion: 95 Resp: 255462
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 174.4
 176 82.4 0.0 166.8

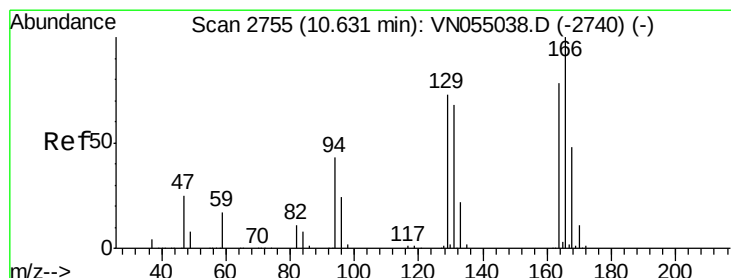
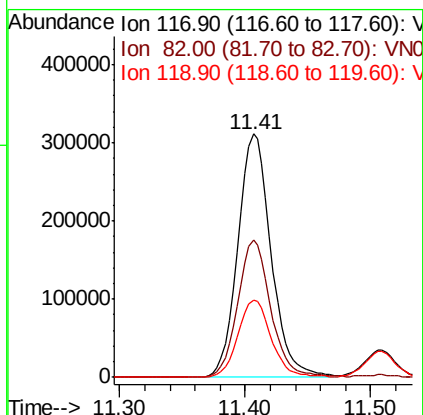
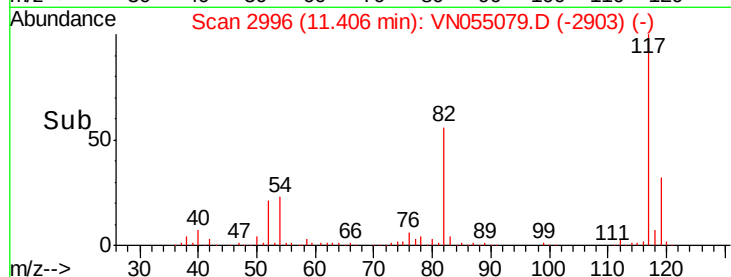
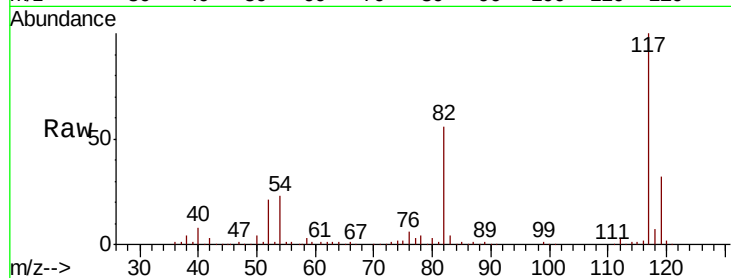




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

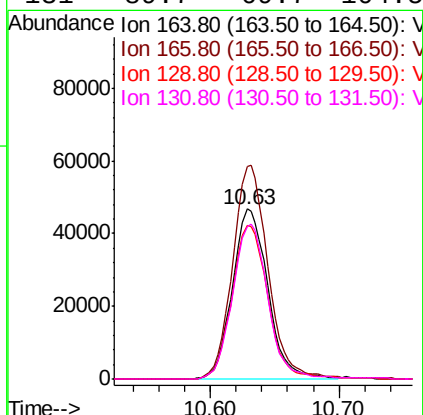
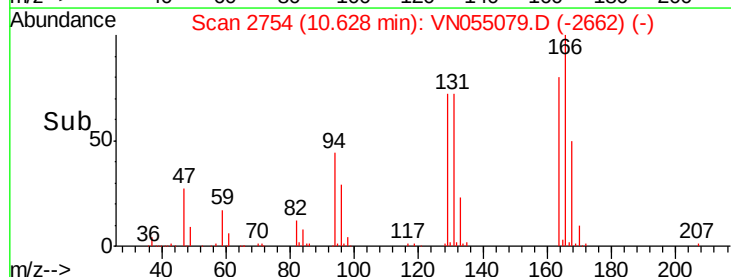
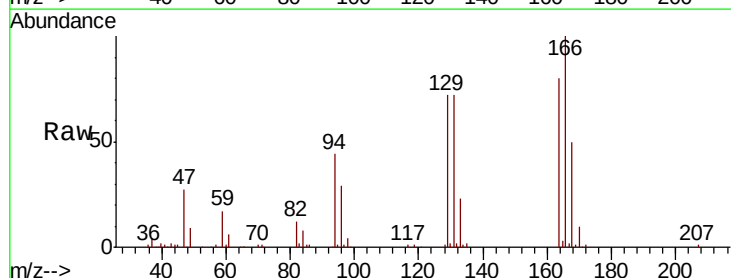
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

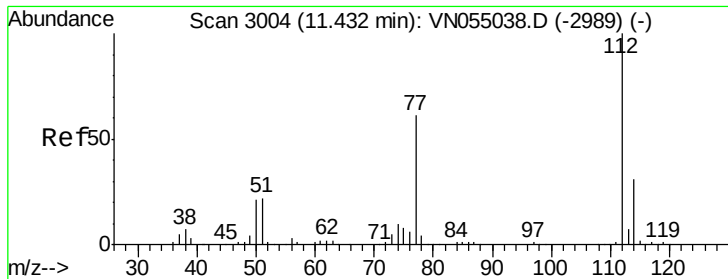
Tot Ion:117 Resp: 572933
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 19.220 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion:164 Resp: 89544
Ion Ratio Lower Upper
164 100
166 124.9 100.0 150.0
129 90.2 72.0 108.0
131 89.7 69.7 104.5

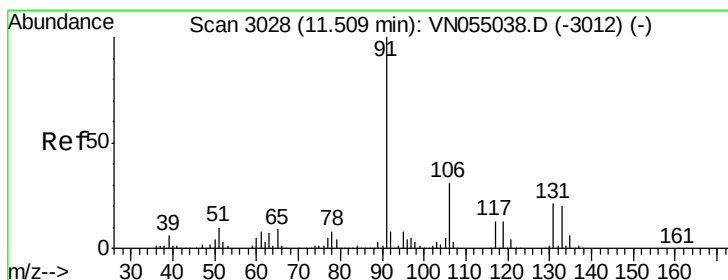
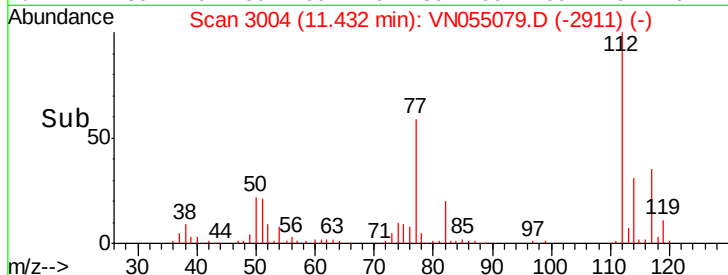
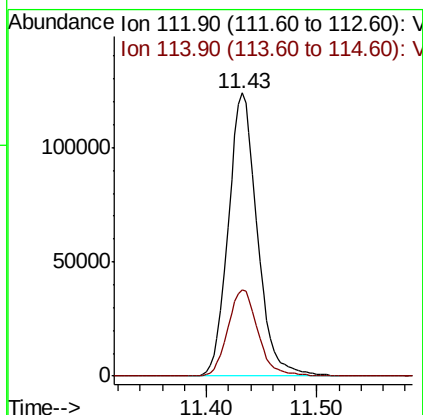
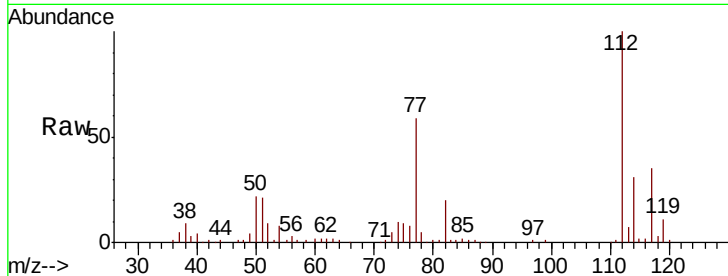




#65
Chlorobenzene
Concen: 19.531 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

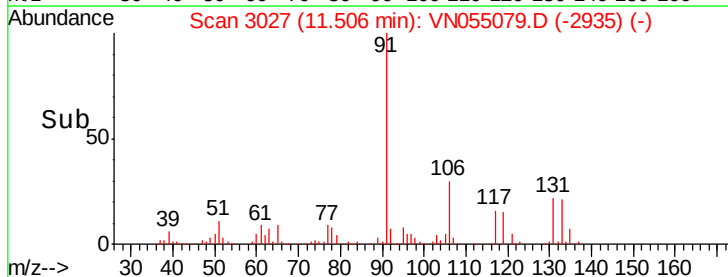
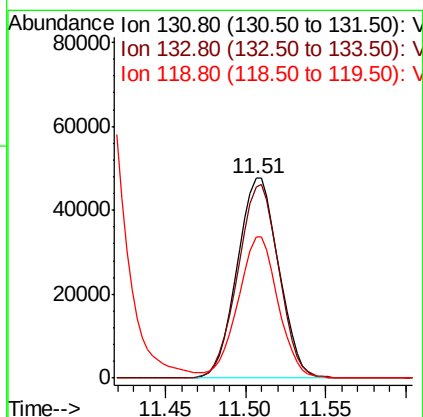
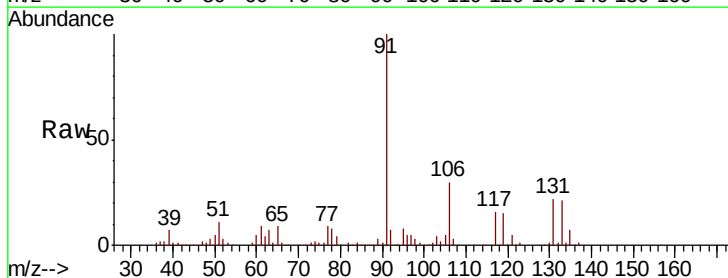
Instrument :
MSVOA_N
ClientSampled :
VN0416WBS02

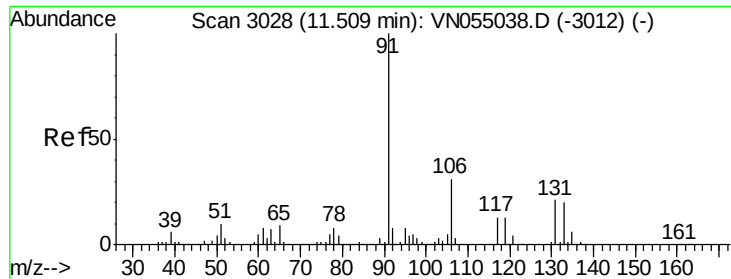
Tot Ion:112 Resp: 225249
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.849 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion:131 Resp: 84194
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 68.3 33.6 100.6

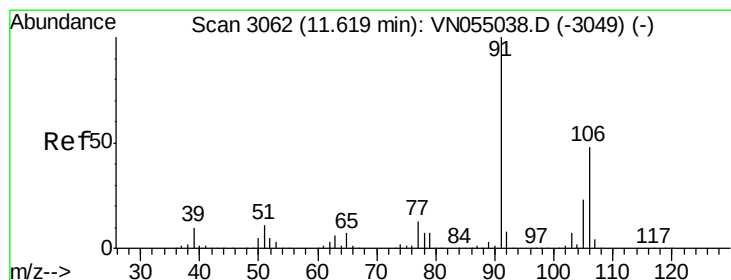
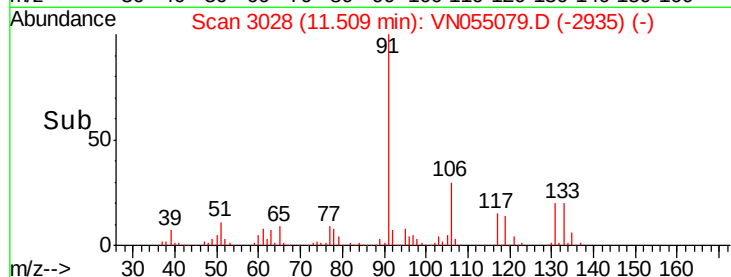
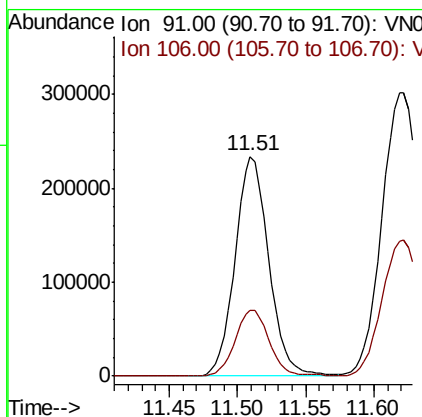
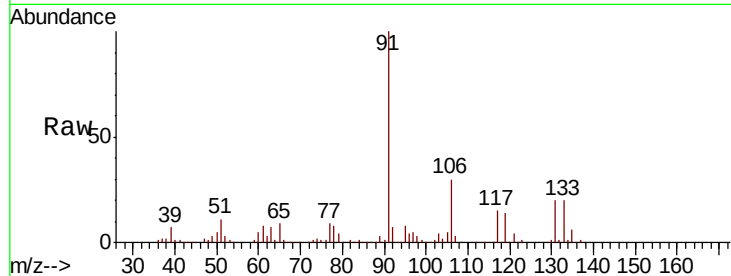




#67
Ethyl Benzene
Concen: 19.476 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

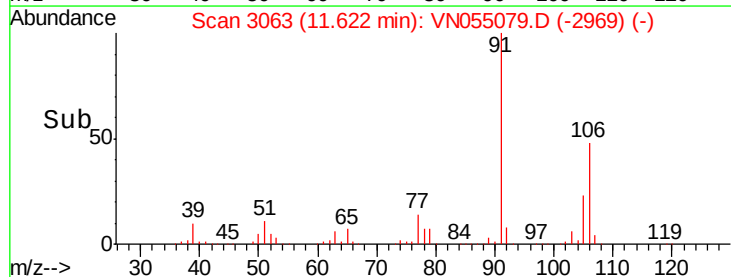
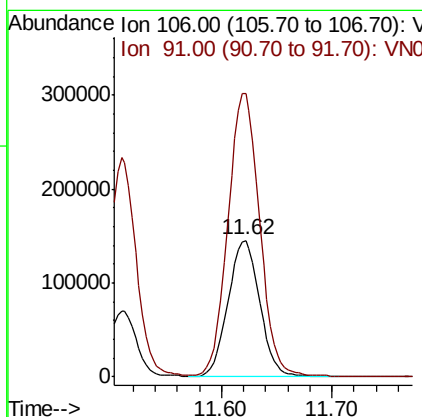
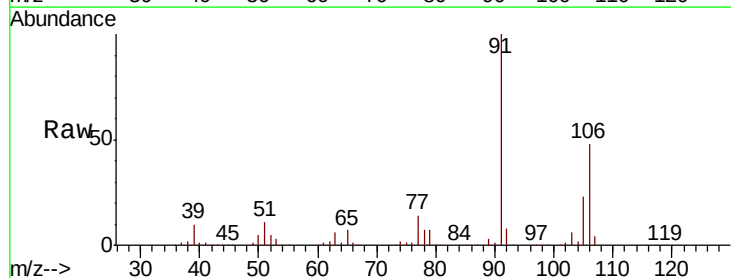
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

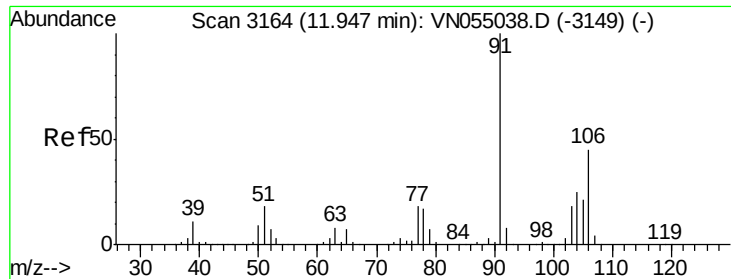
Tot Ion: 91 Resp: 401111
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 38.803 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion: 106 Resp: 289385
Ion Ratio Lower Upper
106 100
91 208.4 165.9 248.9

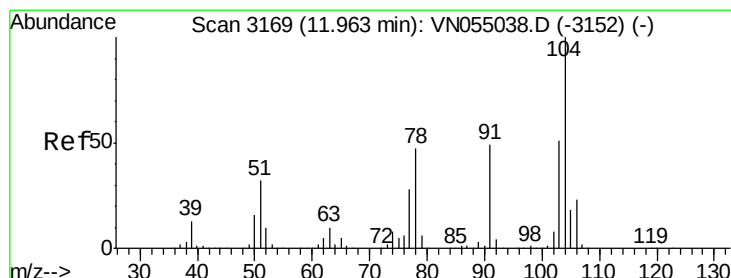
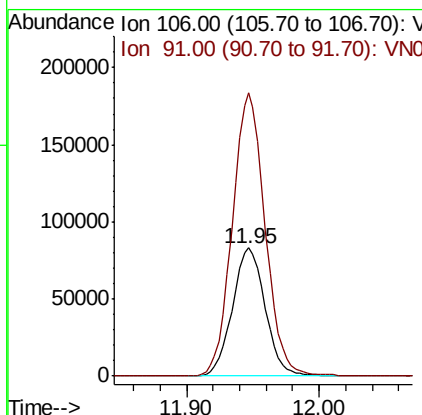
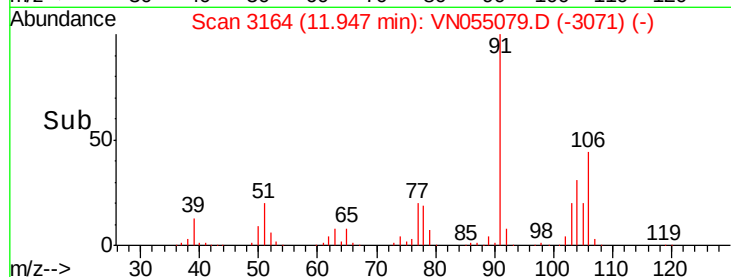
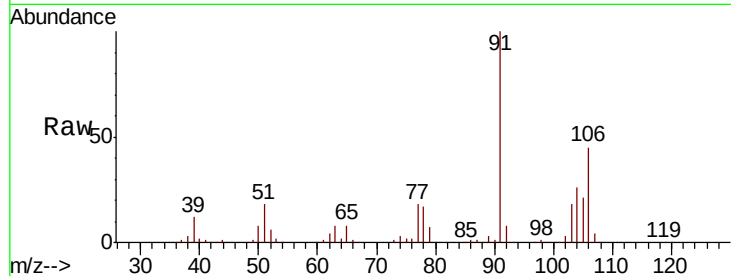




#69
o-Xylene
Concen: 19.784 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

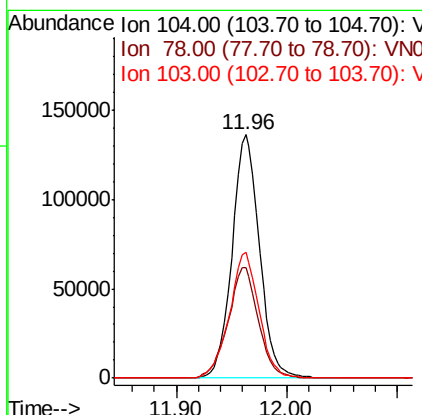
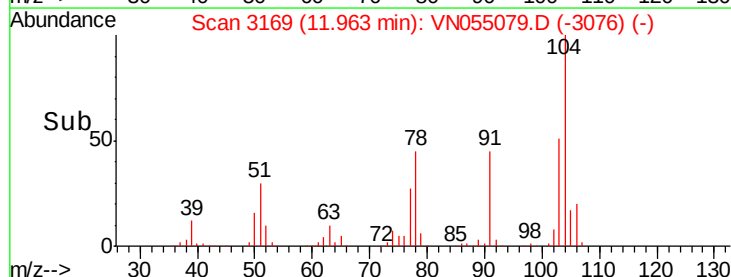
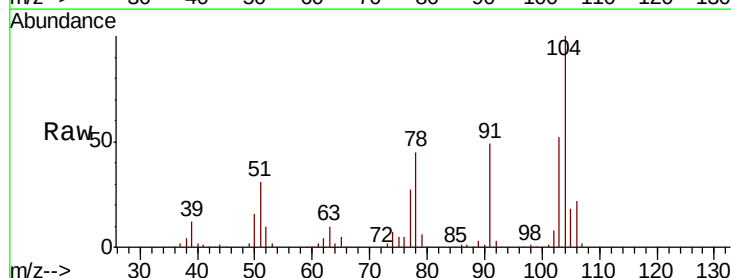
Instrument :
MSVOA_N
ClientSampled :
VN0416WBS02

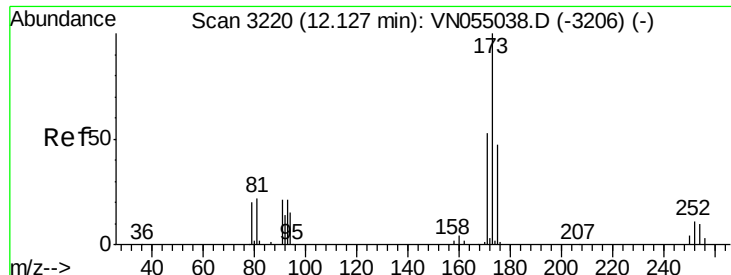
Tot Ion:106 Resp: 142905
Ion Ratio Lower Upper
106 100
91 220.0 109.9 329.8



#70
Styrene
Concen: 20.098 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion:104 Resp: 234996
Ion Ratio Lower Upper
104 100
78 49.9 40.3 60.5
103 55.8 44.3 66.5





#71

Bromoform

Concen: 19.553 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

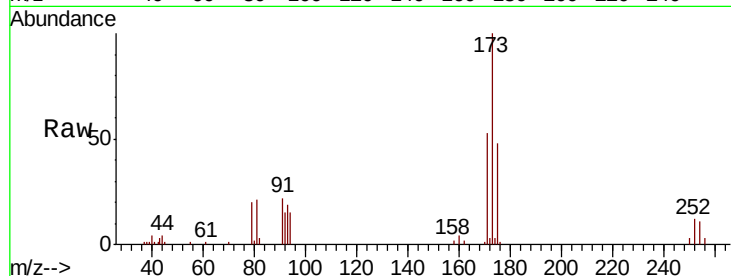
Tot Ion:173 Resp: 47539

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

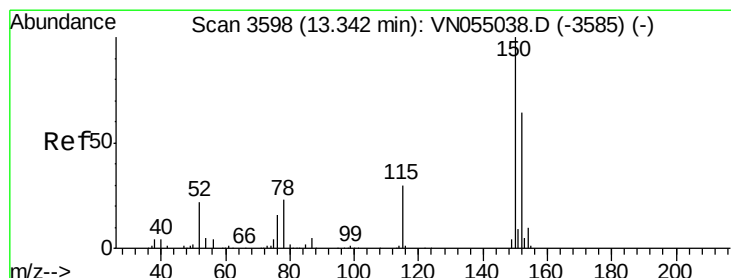
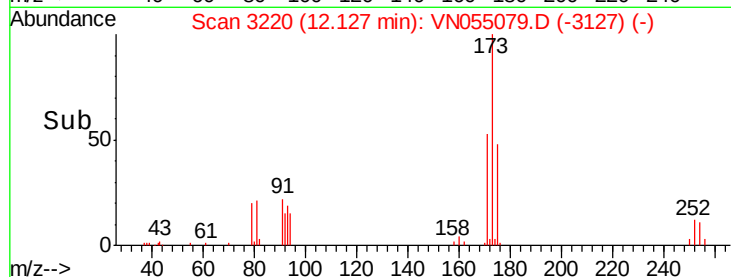
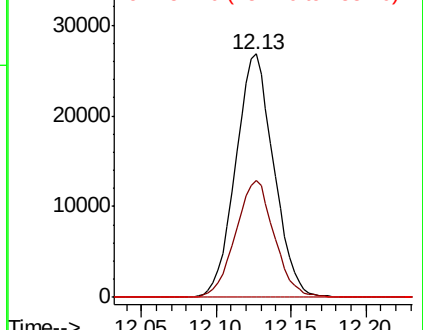
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

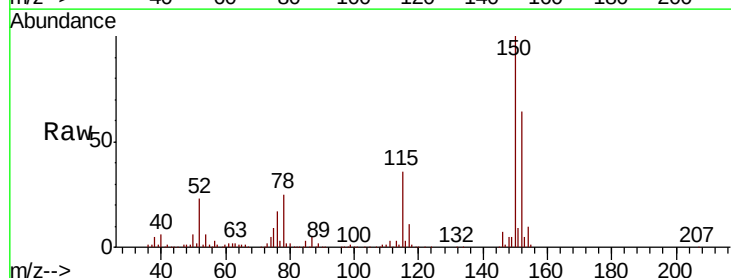
Tgt Ion:152 Resp: 218204

Ion Ratio Lower Upper

152 100

115 57.6 28.5 85.6

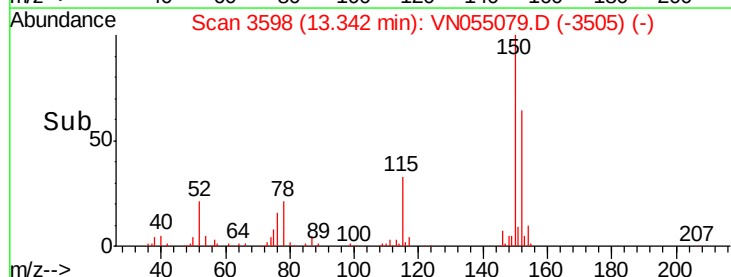
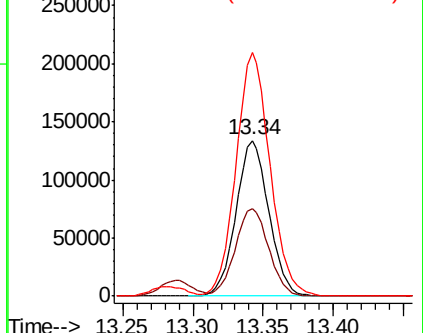
150 162.0 0.0 347.2

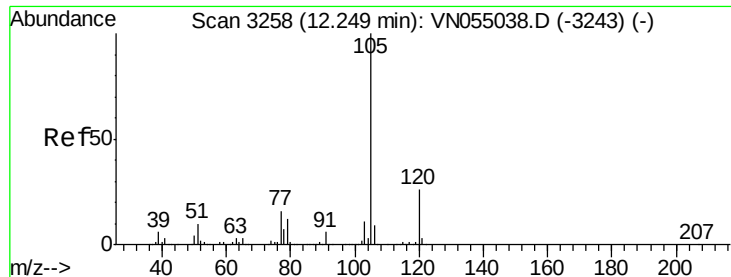


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.364 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampled :

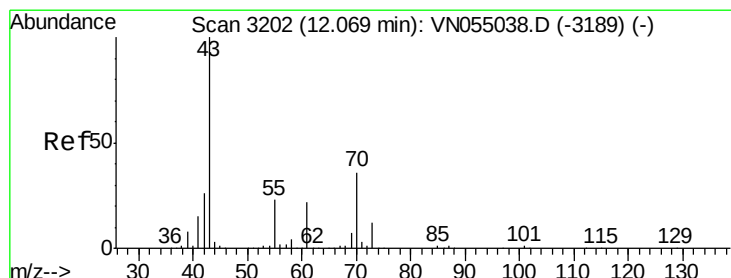
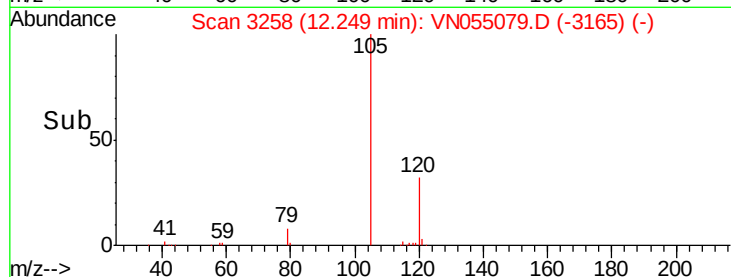
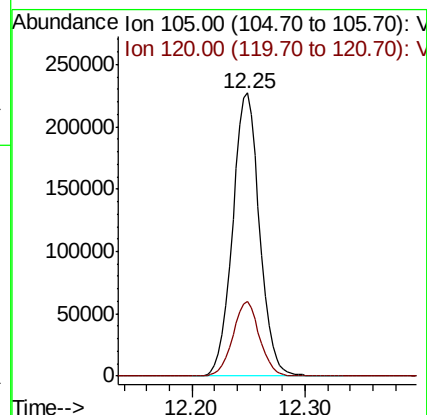
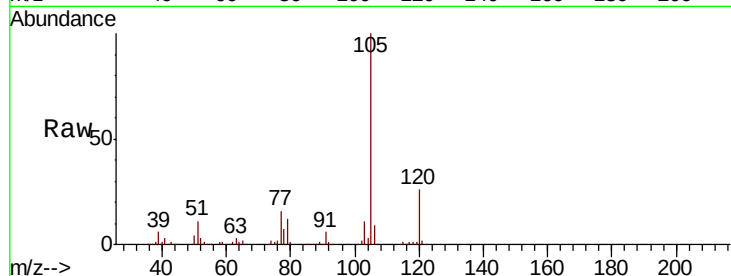
VN0416WBS02

Tot Ion:105 Resp: 374937

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



#74

N-ethyl acetate

Concen: 20.463 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Tgt Ion: 43 Resp: 111534

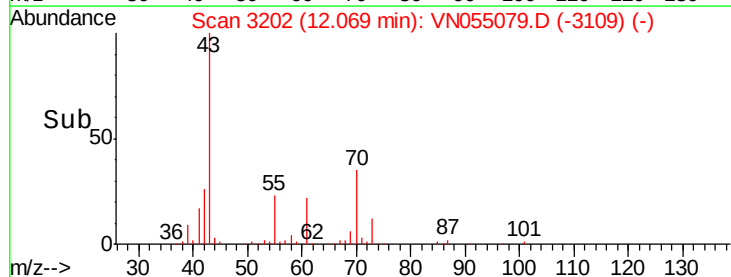
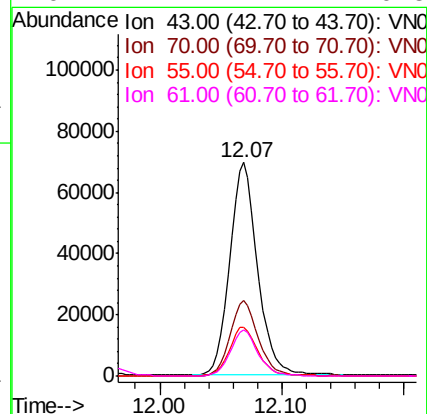
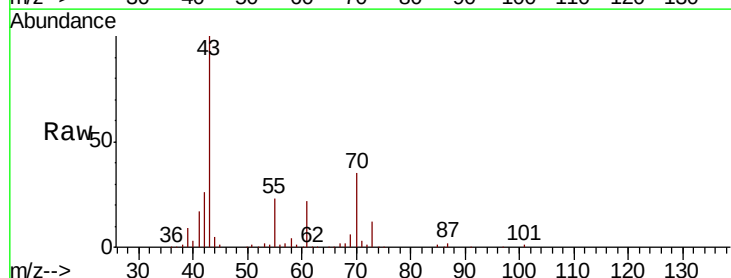
Ion Ratio Lower Upper

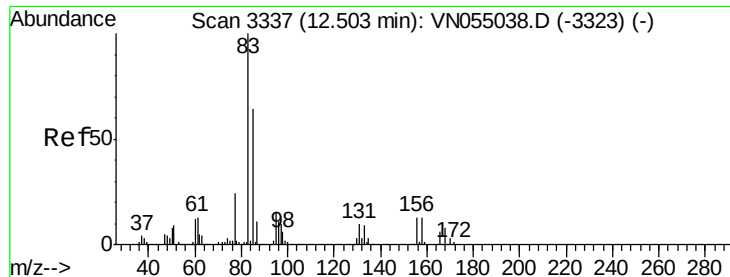
43 100

70 35.7 29.4 44.0

55 23.7 19.0 28.4

61 21.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.053 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

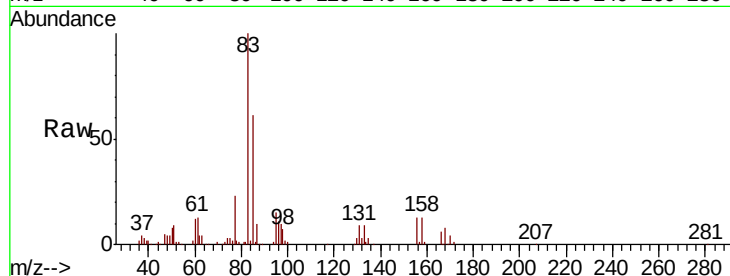
Tot Ion: 83 Resp: 98718

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

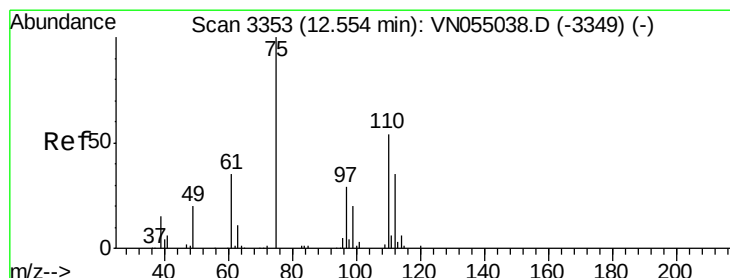
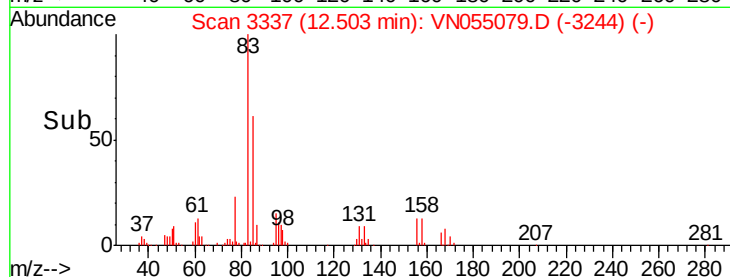
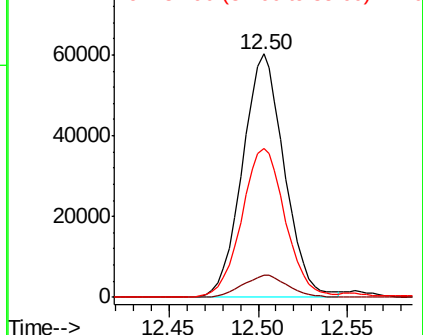
85 63.5 32.3 96.9



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: 28.499 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055079.D

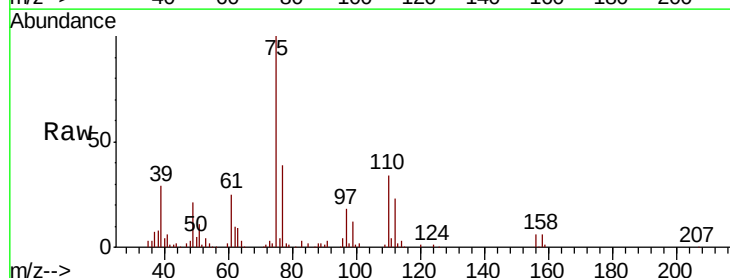
Acq: 16 Apr 2019 15:33

Tgt Ion: 75 Resp: 111824

Ion Ratio Lower Upper

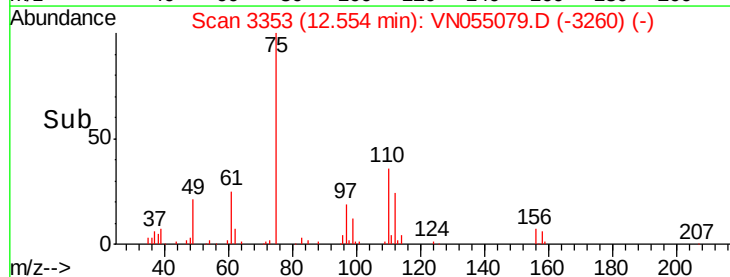
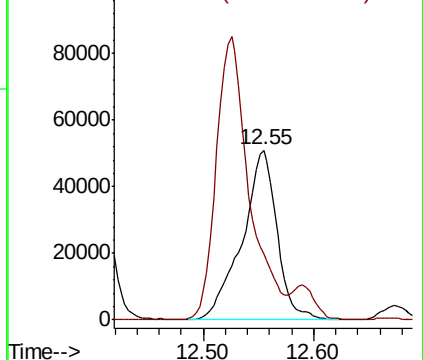
75 100

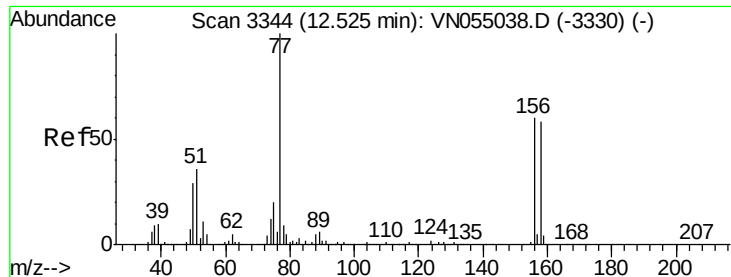
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.004 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

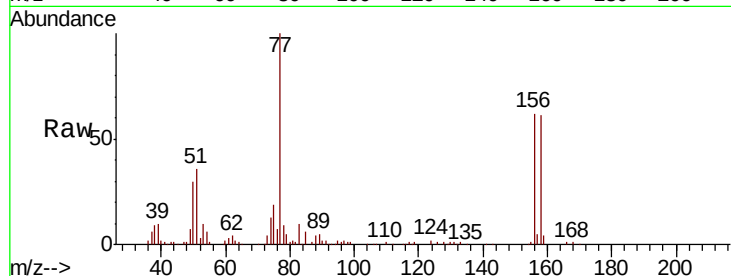
Tot Ion:156 Resp: 91738

Ion Ratio Lower Upper

156 100

77 193.3 97.2 291.5

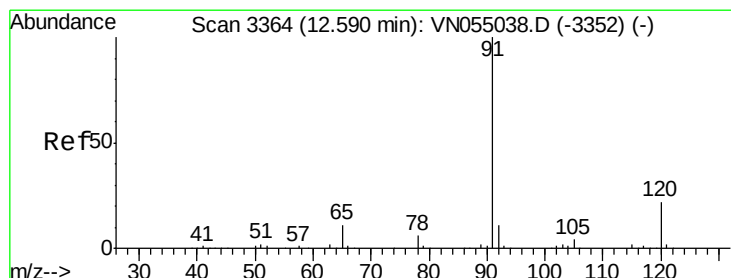
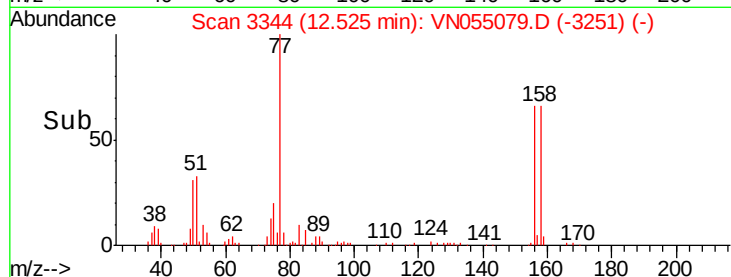
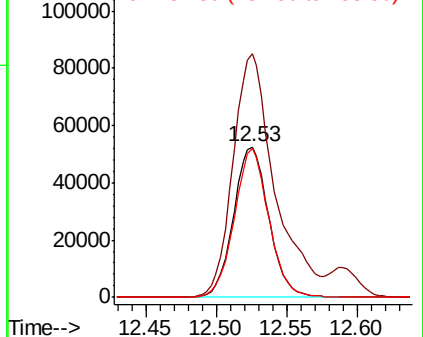
158 96.9 48.6 145.9



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: 19.330 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055079.D

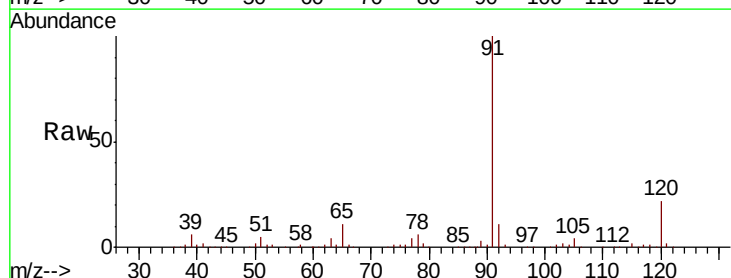
Acq: 16 Apr 2019 15:33

Tgt Ion: 91 Resp: 404376

Ion Ratio Lower Upper

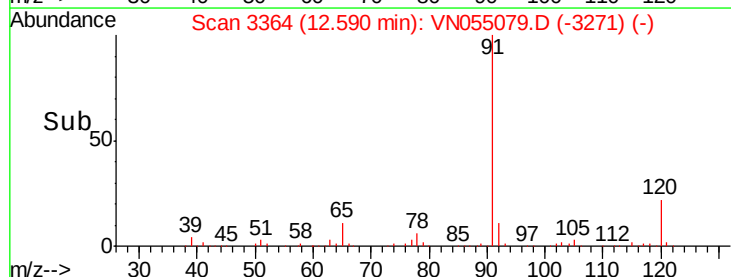
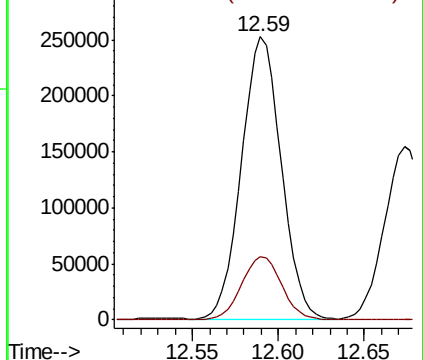
91 100

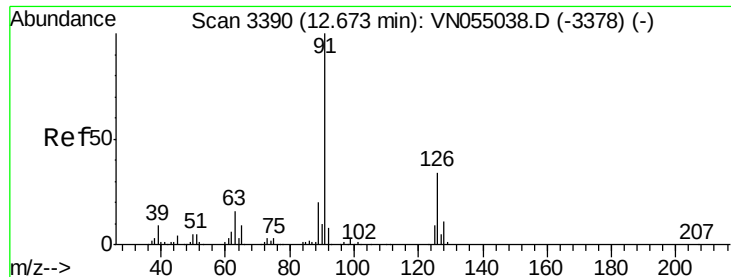
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.768 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

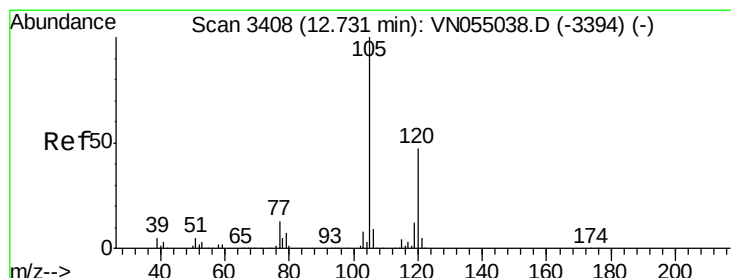
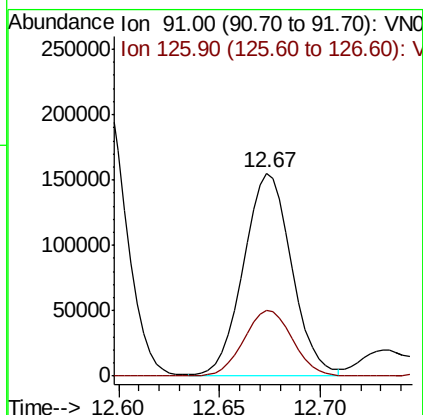
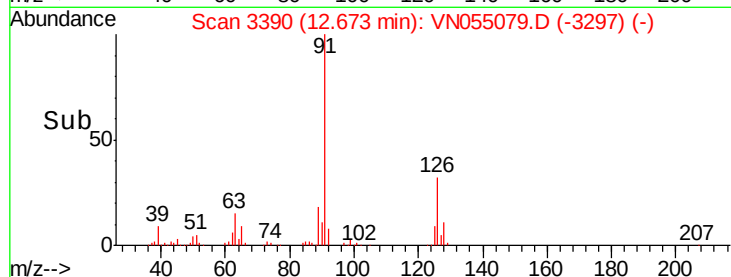
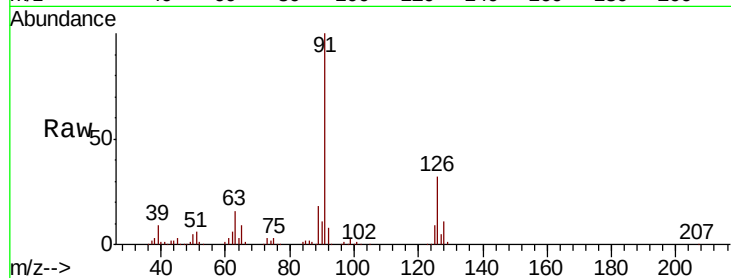
VN0416WBS02

Tot Ion: 91 Resp: 257937

Ion Ratio Lower Upper

91 100

126 33.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.316 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055079.D

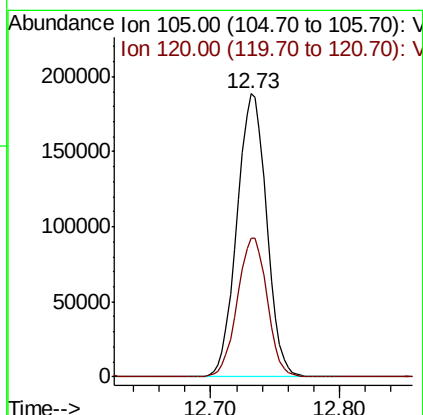
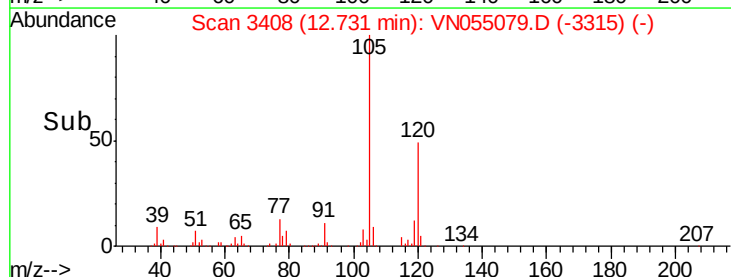
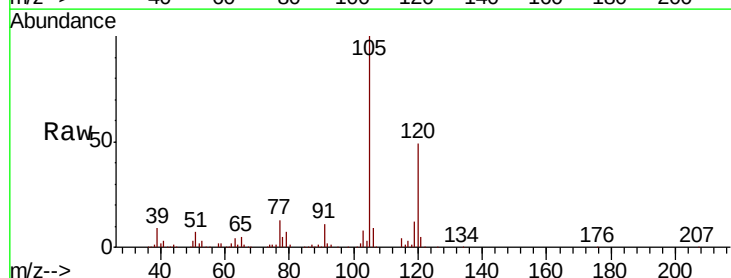
Acq: 16 Apr 2019 15:33

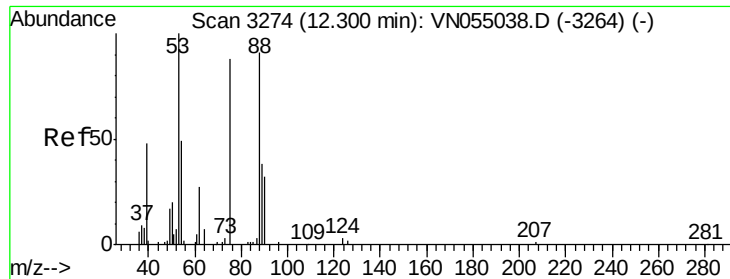
Tgt Ion: 105 Resp: 301831

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.378 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

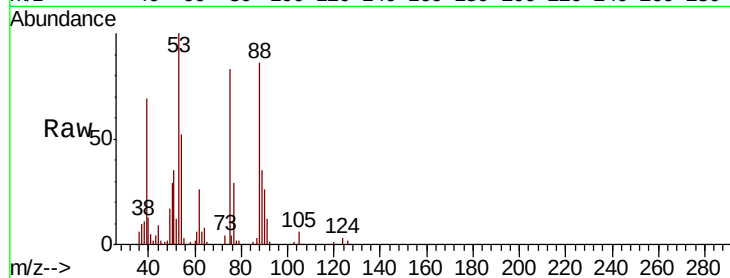
Tot Ion: 75 Resp: 19014

Ion Ratio Lower Upper

75 100

53 126.1 96.3 144.5

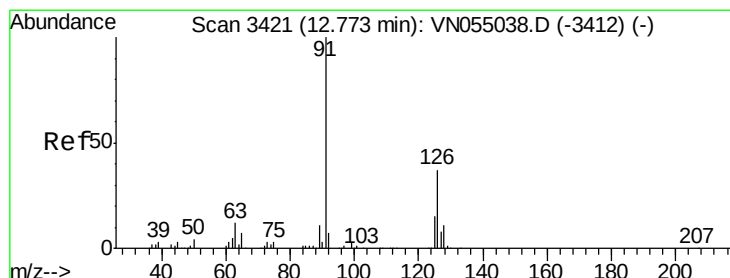
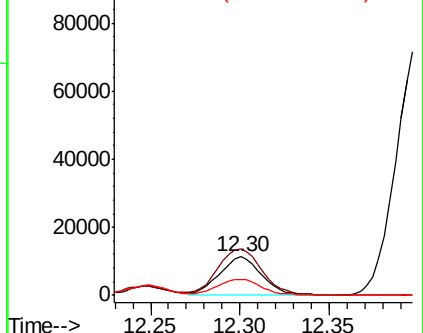
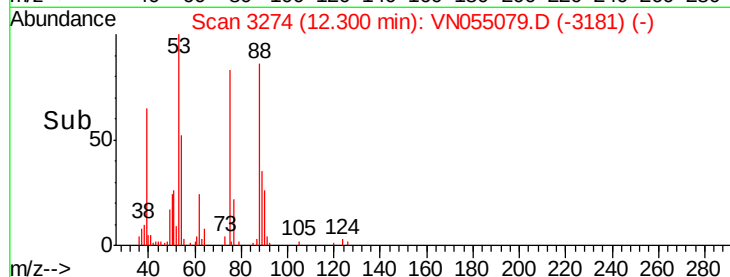
89 42.8 38.6 57.8



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: 19.643 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055079.D

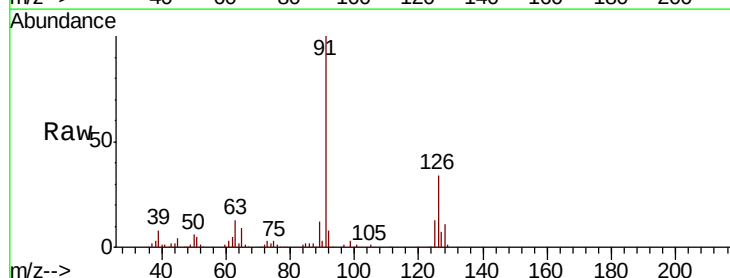
Acq: 16 Apr 2019 15:33

Tgt Ion: 91 Resp: 239138

Ion Ratio Lower Upper

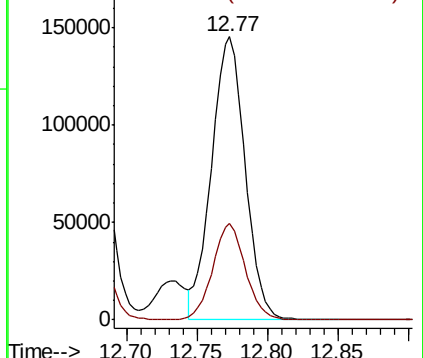
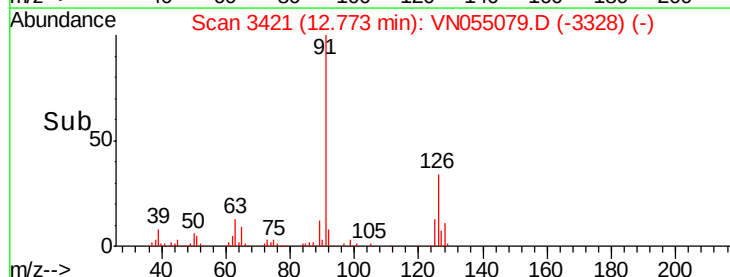
91 100

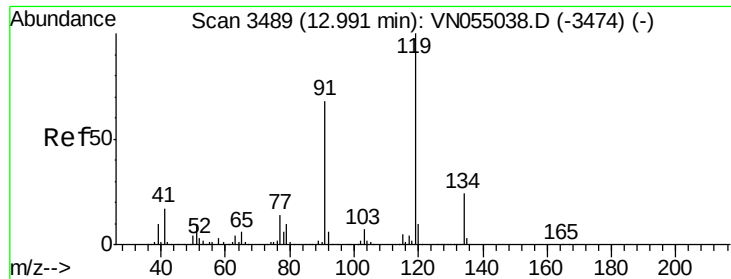
126 33.3 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

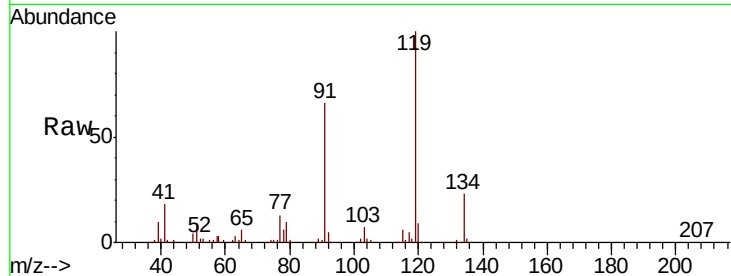




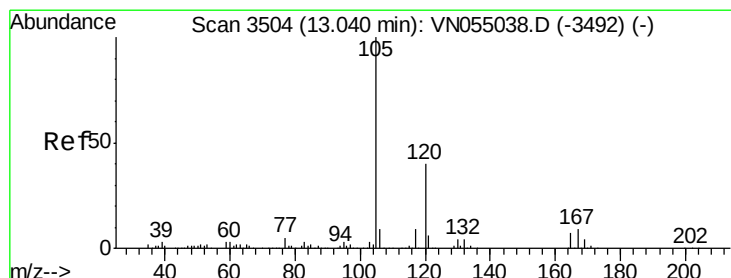
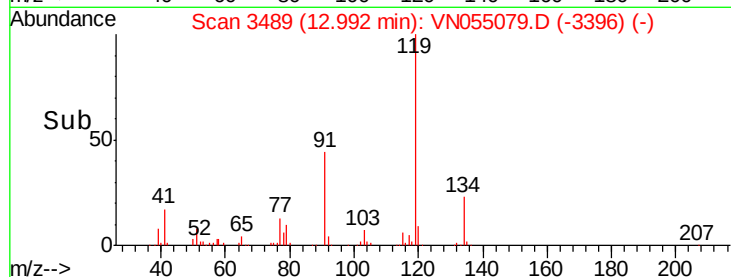
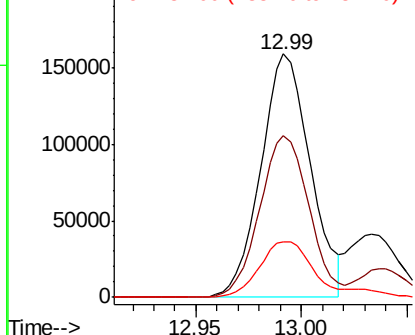
#83
 tert-Butylbenzene
 Concen: 19.658 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

Tot Ion:119 Resp: 259416
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.3 99.8
 134 26.7 12.3 36.9

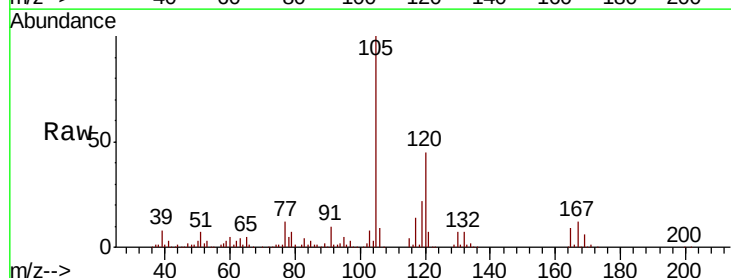


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

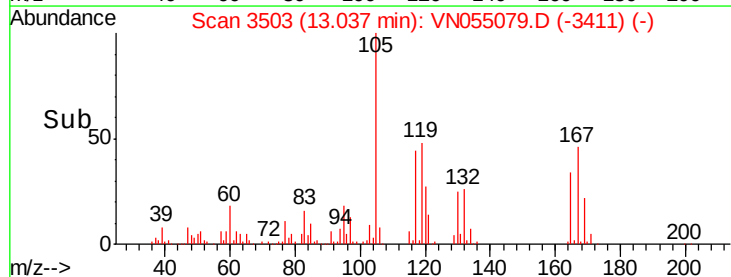
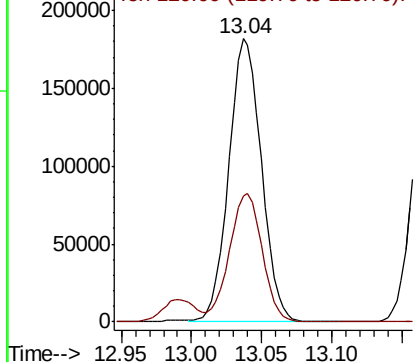


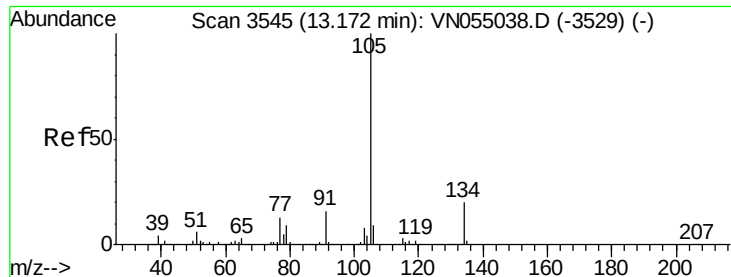
#84
 1,2,4-Trimethylbenzene
 Concen: 19.908 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion:105 Resp: 294809
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.301 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

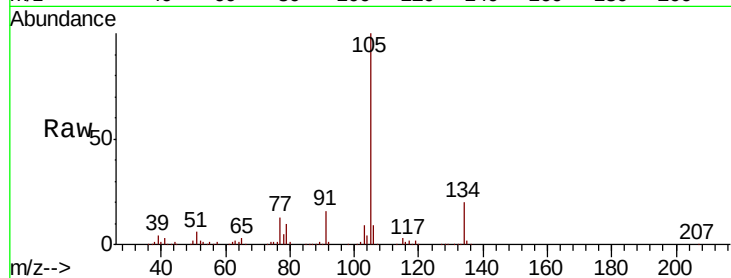
VN0416WBS02

Tot Ion:105 Resp: 324551

Ion Ratio Lower Upper

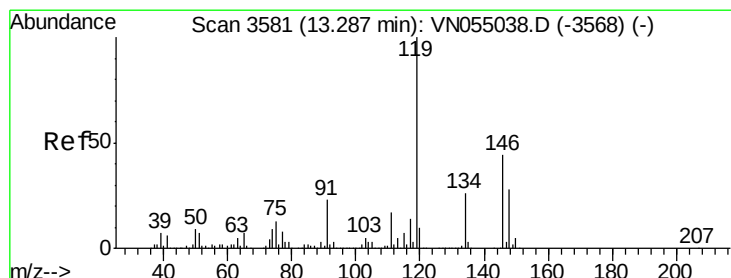
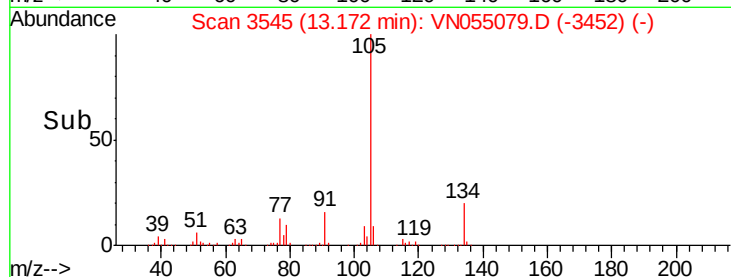
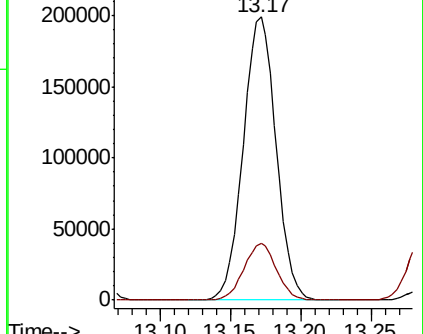
105 100

134 19.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.159 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

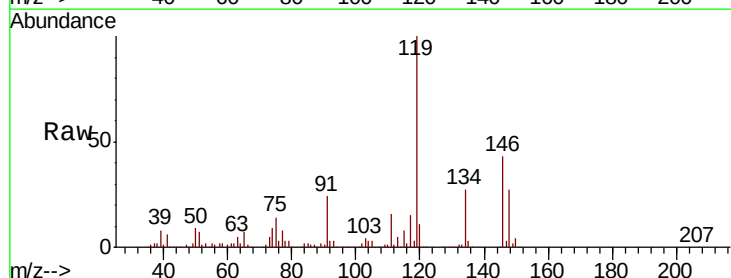
Tgt Ion:119 Resp: 276394

Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

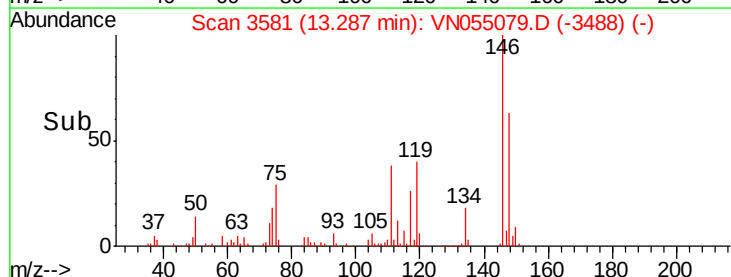
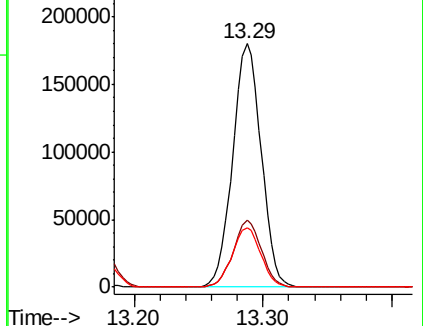
91 24.2 11.7 35.1

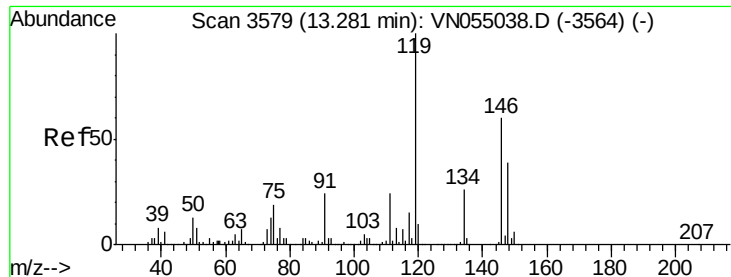


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

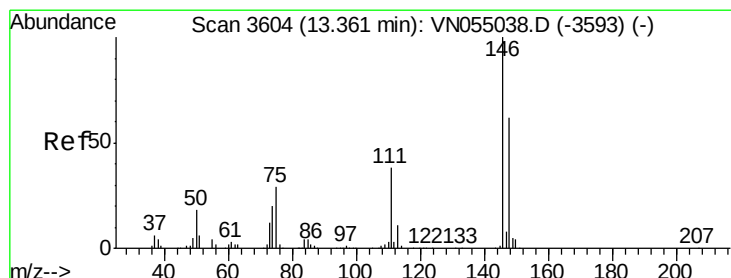
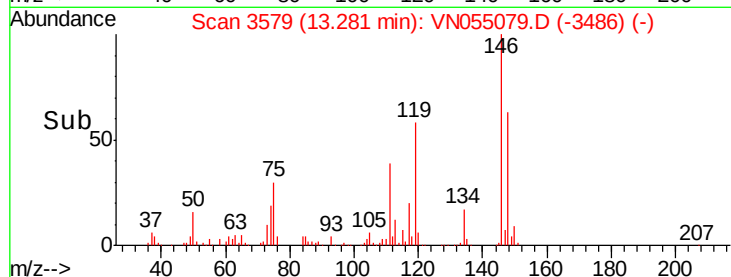
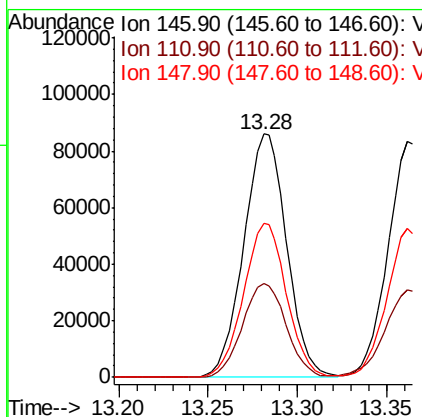
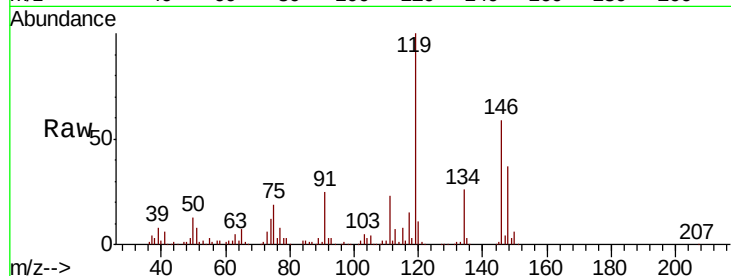




#87
 1,3-Dichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

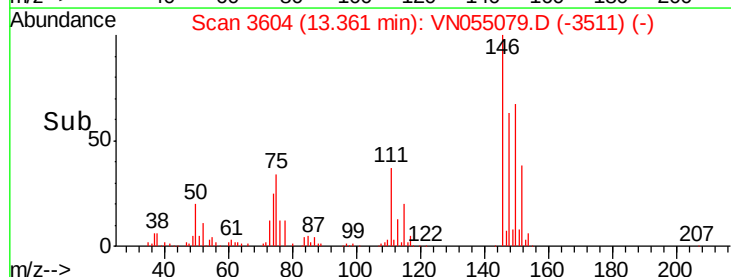
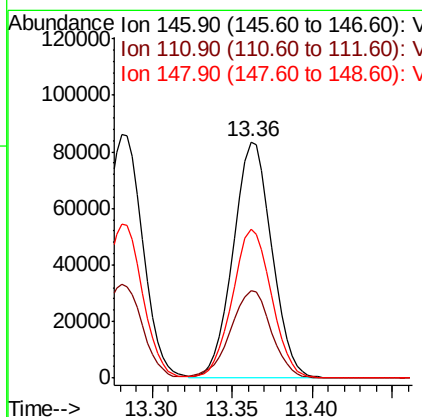
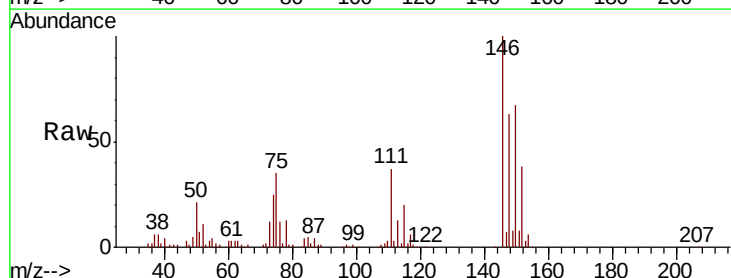
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

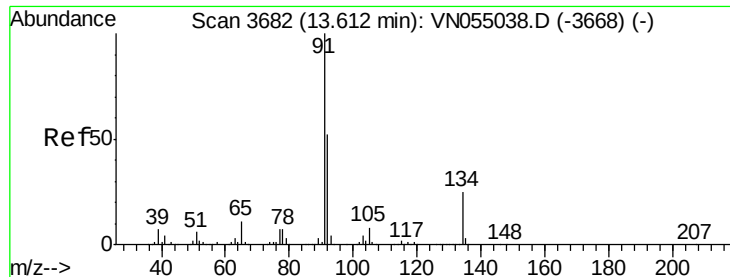
Tot Ion:146 Resp: 144970
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.5 58.5
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.529 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion:146 Resp: 136644
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.8 56.4
 148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 19.269 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055079.D

Acq: 16 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

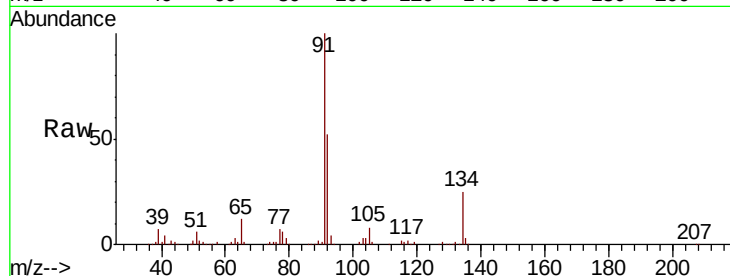
Tot Ion: 91 Resp: 206356

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.7

134 25.2 12.8 38.3

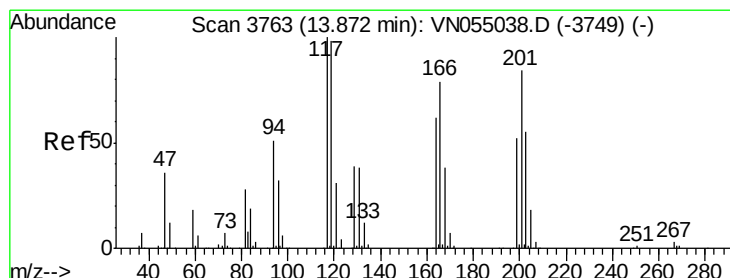
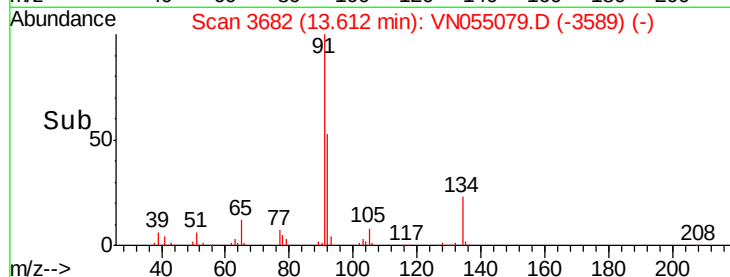


Abundance Ion 91.00 (90.70 to 91.70): VN055038.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055038.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055038.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 19.365 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055079.D

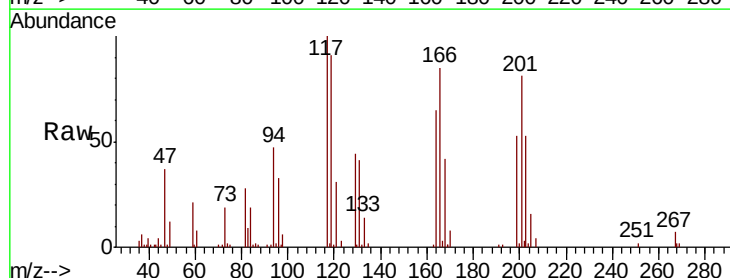
Acq: 16 Apr 2019 15:33

Tgt Ion: 117 Resp: 45457

Ion Ratio Lower Upper

117 100

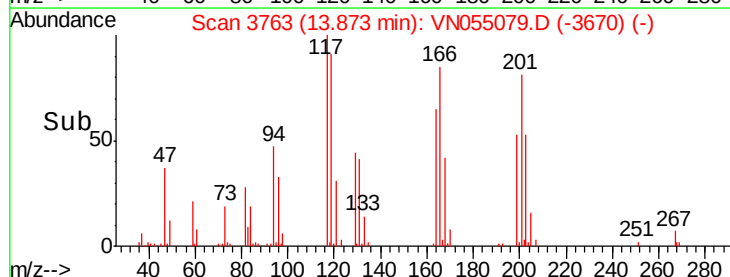
201 82.6 43.4 130.2

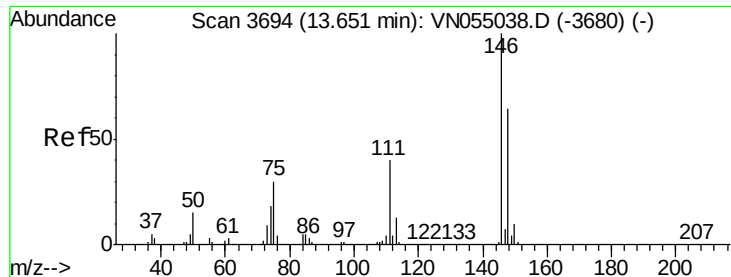


Abundance Ion 116.80 (116.50 to 117.50): VN055038.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055038.D (-3749) (-)

Time-->

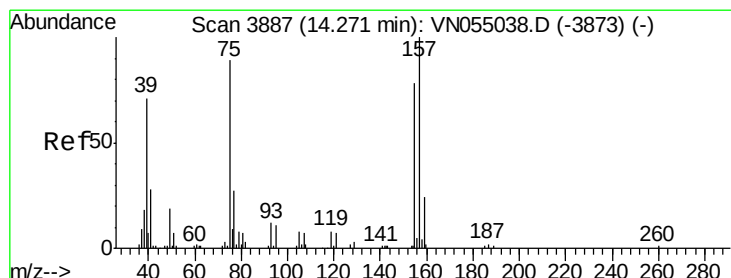
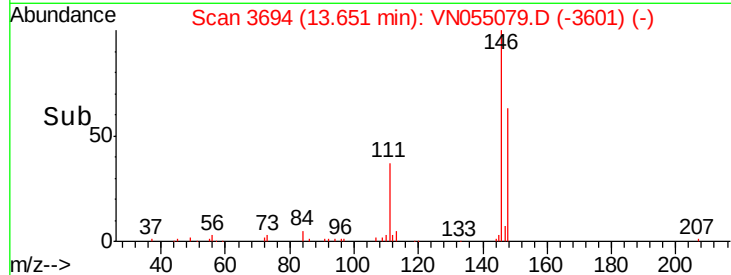
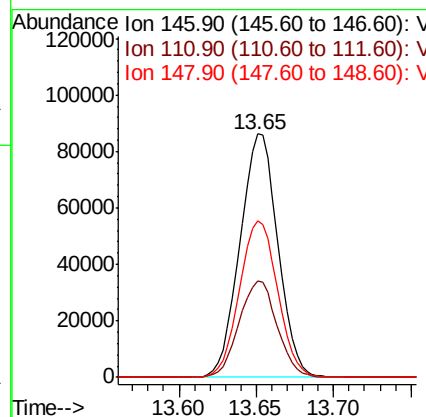
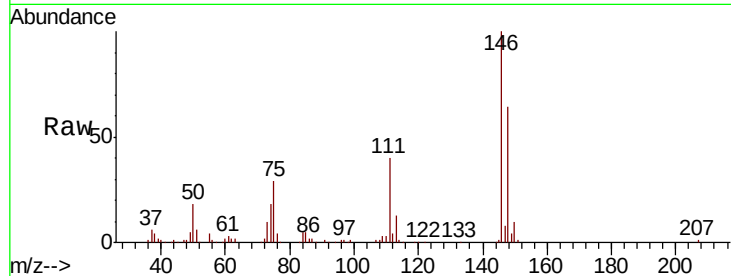




#91
 1,2-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

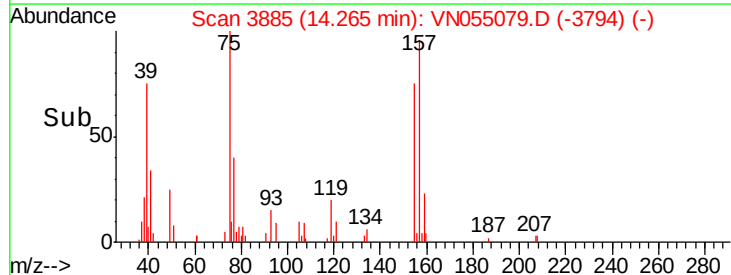
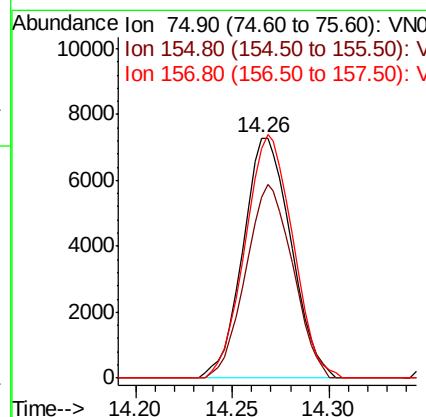
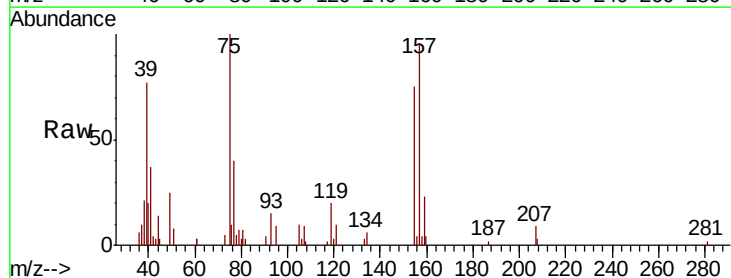
Instrument :
 MSVOA_N
 ClientSampled :
 VN0416WBS02

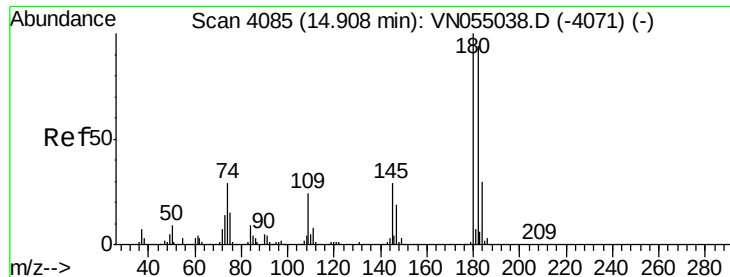
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	64.7	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.752 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.01 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	42.0	126.0
157	100.3	52.1	156.4

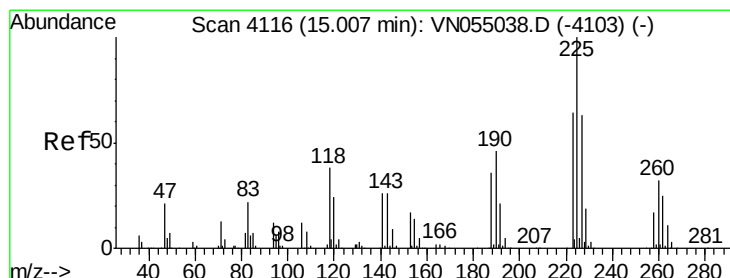
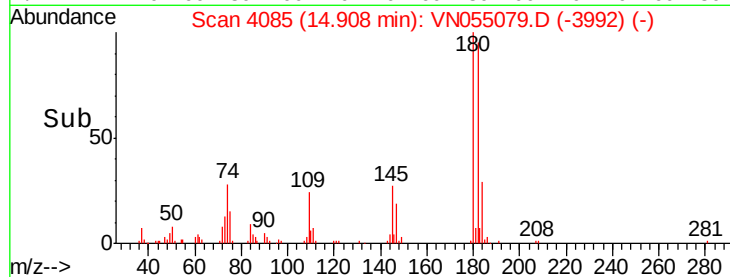
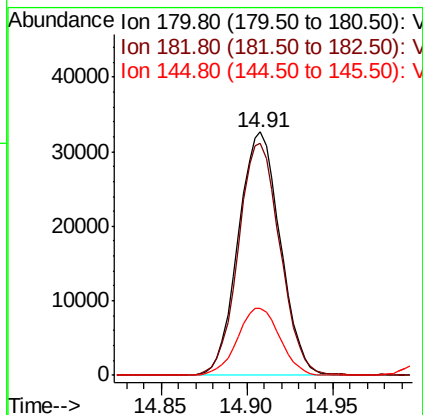
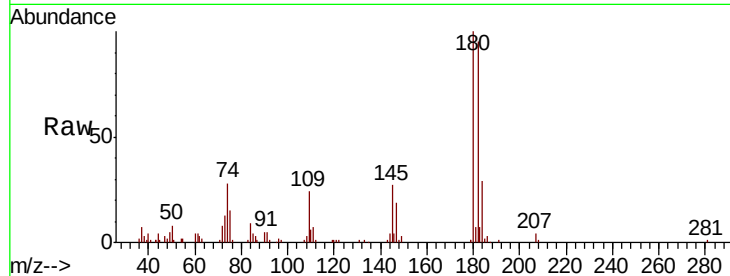




#93
 1,2,4-Trichlorobenzene
 Concen: 18.302 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

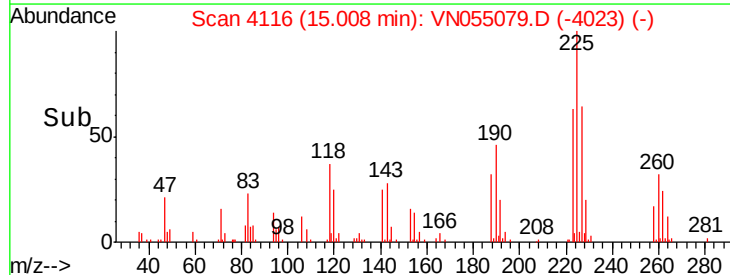
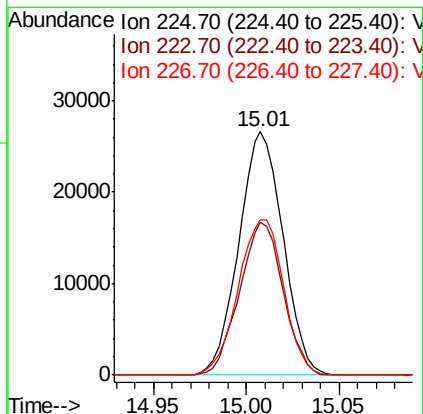
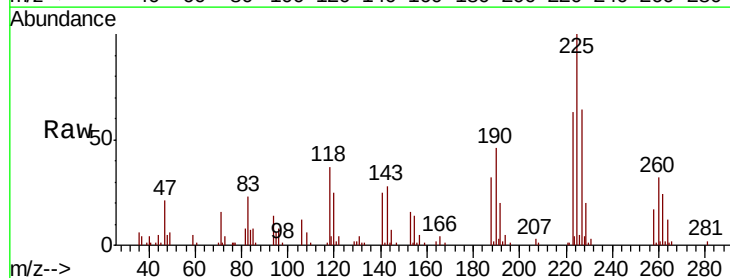
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

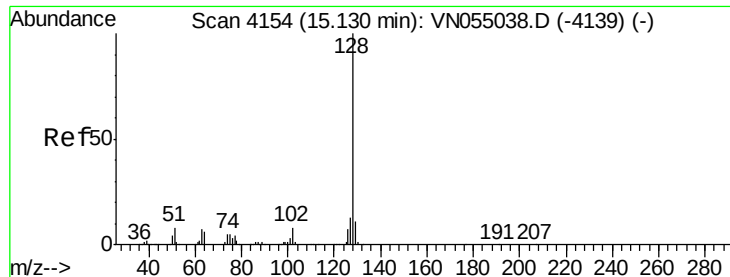
Tot Ion:180 Resp: 55245
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.5 142.6
 145 28.0 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 19.353 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055079.D
 Acq: 16 Apr 2019 15:33

Tgt Ion:225 Resp: 44129
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.4 94.0
 227 65.8 32.6 97.7

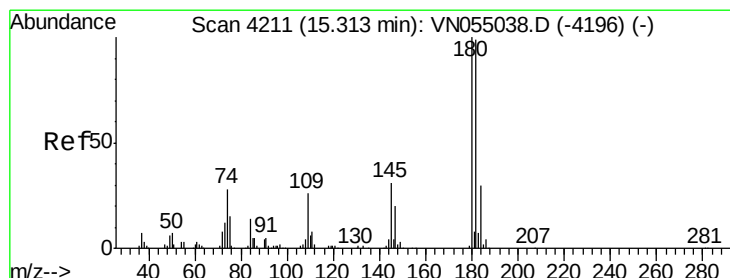
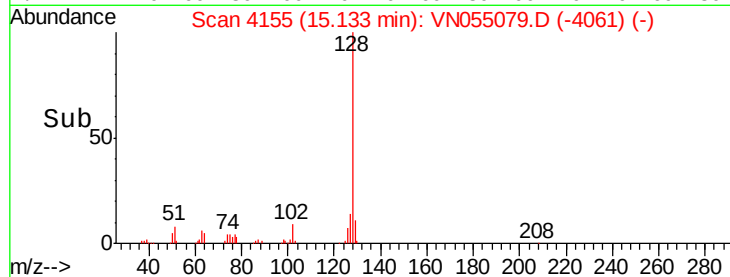
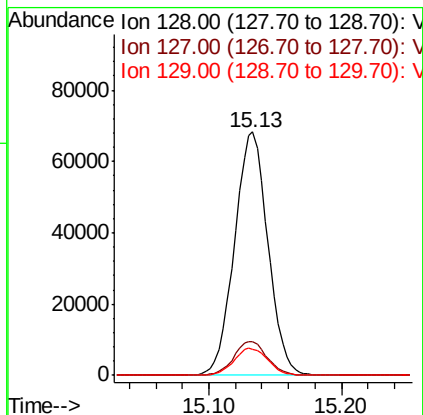
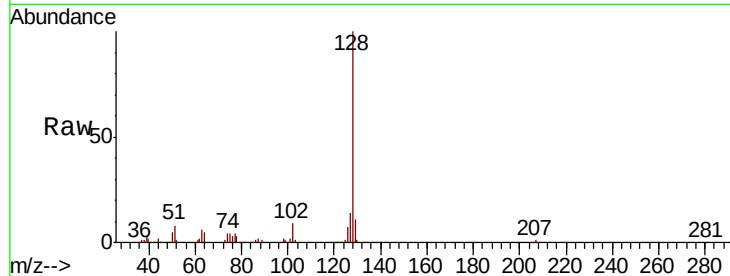




#95
Naphthalene
Concen: 17.413 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tot Ion:128 Resp: 119578
Ion Ratio Lower Upper
128 100
127 13.9 10.1 15.1
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.899 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055079.D
Acq: 16 Apr 2019 15:33

Tgt Ion:180 Resp: 56670
Ion Ratio Lower Upper
180 100
182 93.9 48.0 144.0
145 30.3 15.3 45.9

