

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020624.D
 Acq On : 14 Jan 2021 19:40
 Operator : JC/MD
 Sample : M1124-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-231

Quant Time: Jan 15 05:13:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

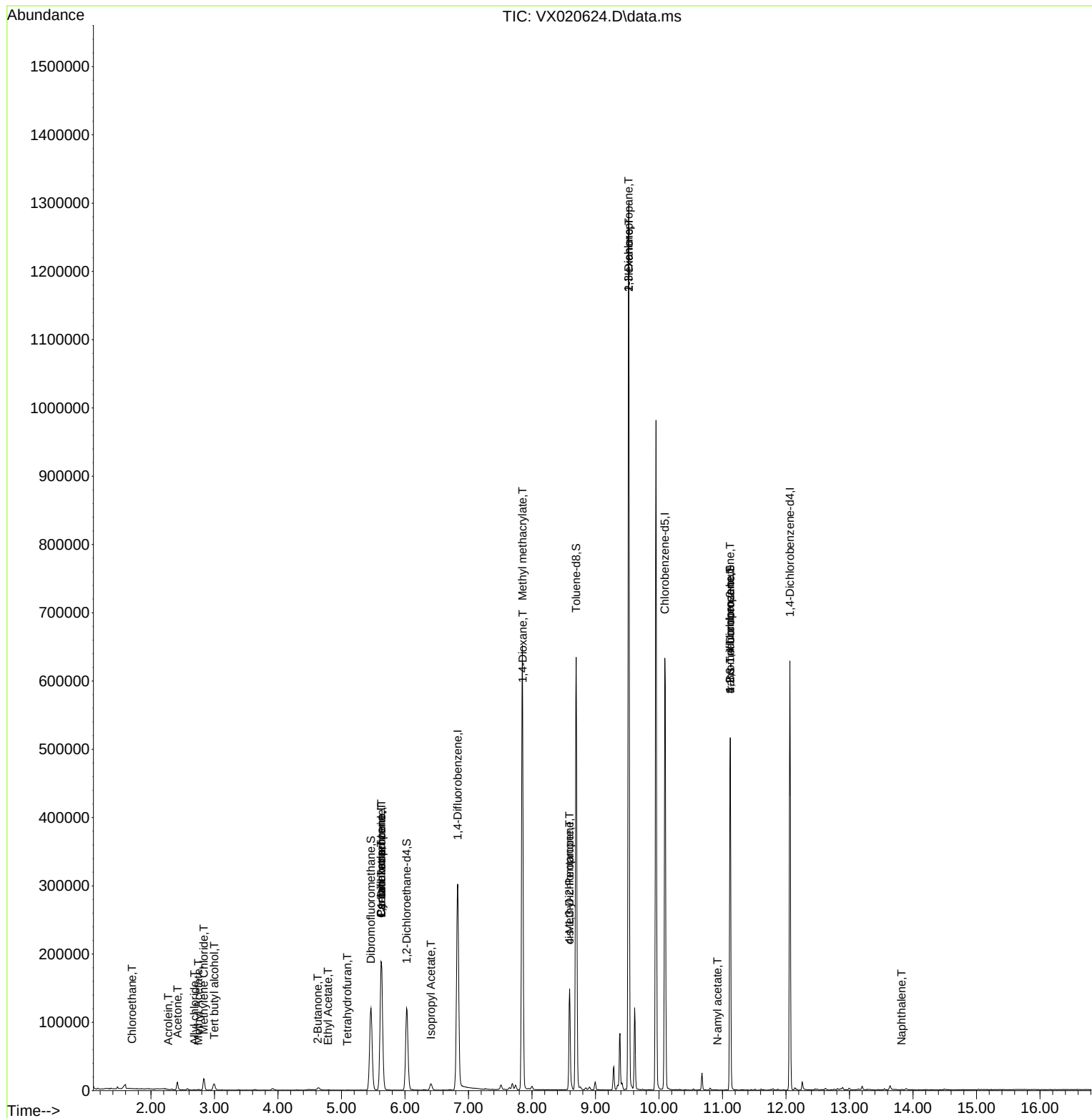
Internal Standards						
1) Pentafluorobenzene	5.623	168	188480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	310234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	311249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	131845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	116116	51.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.58%			
35) Dibromofluoromethane	5.465	113	105646	49.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.30%			
50) Toluene-d8	8.696	98	390791	50.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.62%			
62) 4-Bromofluorobenzene	11.122	95	142354	52.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.82%			
Target Compounds					Qvalue	
6) Chloroethane	1.703	64	83	0.48	ug/l #	43
11) Tert butyl alcohol	2.995	59	7055	14.84	ug/l #	84
13) Acrolein	2.270	56	138	0.44	ug/l	97
14) Allyl chloride	2.685	41	524	0.21	ug/l #	32
16) Acetone	2.416	43	12201	12.02	ug/l	99
18) Methyl Acetate	2.746	43	1389	0.69	ug/l #	85
20) Methylene Chloride	2.831	84	8440	3.95	ug/l	96
25) 2-Butanone	4.623	43	2561	2.09	ug/l	92
29) Tetrahydrofuran	5.093	42	166	0.22	ug/l #	48
31) Cyclohexane	5.623	56	3222	1.21	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12965	4.57	ug/l #	49
37) Ethyl Acetate	4.788	43	869	0.34	ug/l #	83
38) Carbon Tetrachloride	5.629	117	18440	5.57	ug/l #	17
43) Isopropyl Acetate	6.409	43	12168	3.05	ug/l	99
48) Methyl methacrylate	7.848	41	50211	25.88	ug/l #	34
49) 1,4-Dioxane	7.854	88	23	0.47	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	44370	17.92	ug/l #	49
54) cis-1,3-Dichloropropene	8.592	75	25835	7.31	ug/l #	57
57) 1,3-Dichloropropane	9.519	76	12277	3.30	ug/l #	42
59) 2-Hexanone	9.525	43	129019	69.51	ug/l #	50
74) N-amyl acetate	10.921	43	417	1.37	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	66397	23.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	66397	65.13	ug/l #	12
95) Naphthalene	13.817	128	419	3.88	ug/l #	69

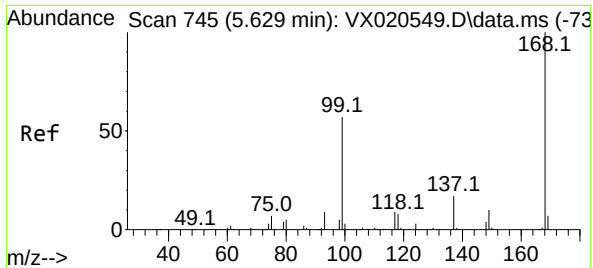
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
VNJ-231

Quant Time: Jan 15 05:13:07 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

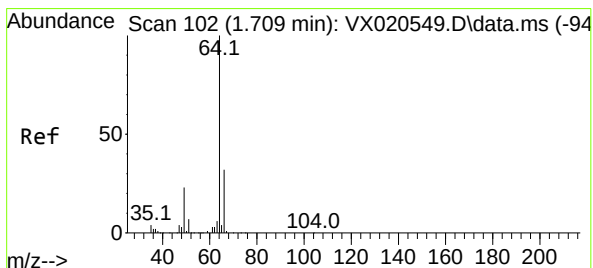
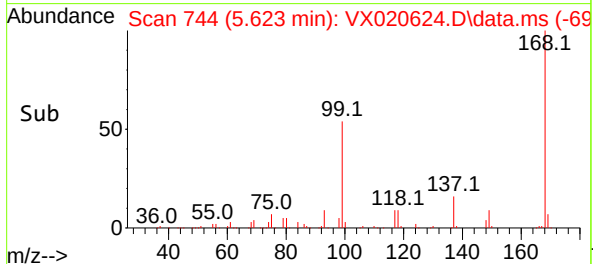
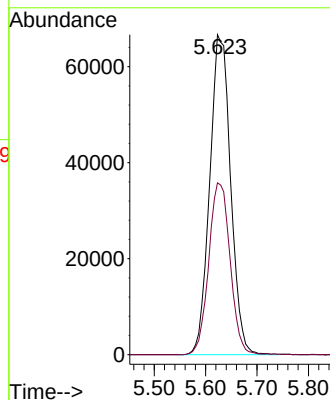
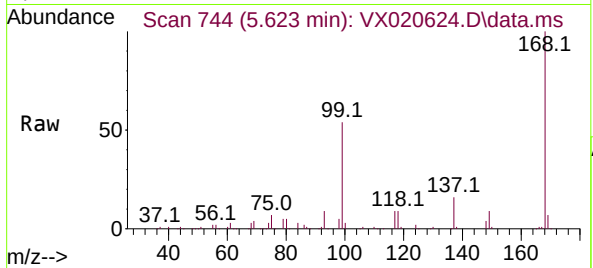




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

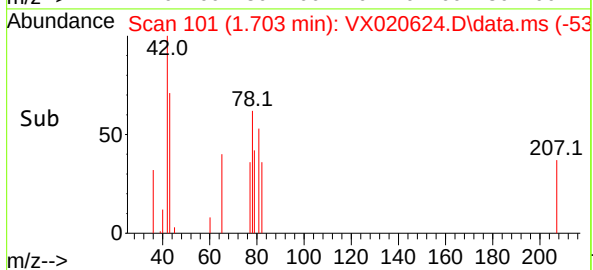
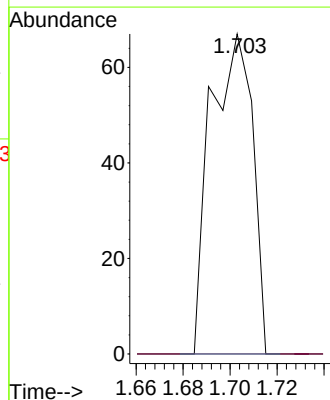
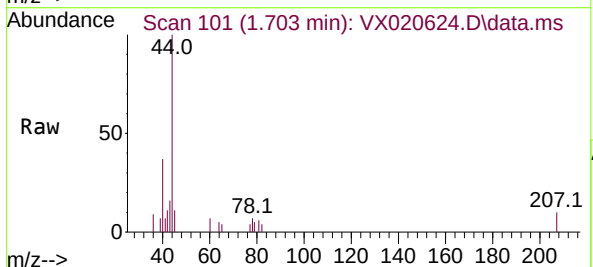
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

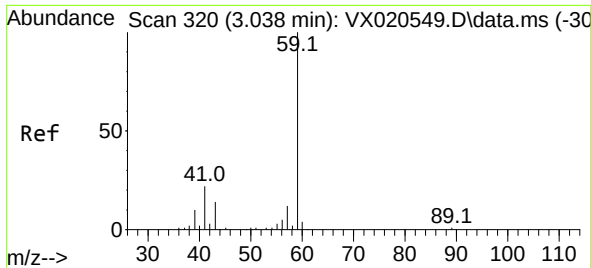
Tgt Ion:168 Resp: 188480
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#6
Chloroethane
Concen: 0.48 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

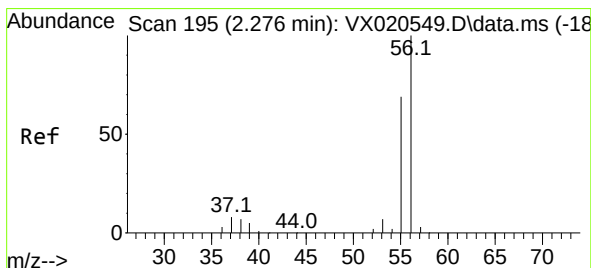
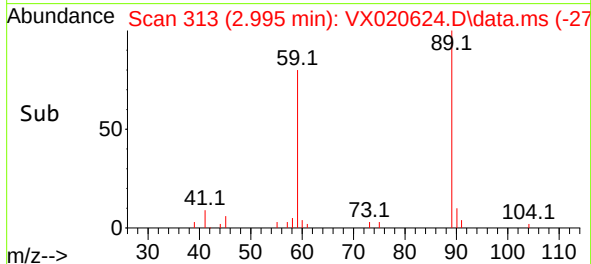
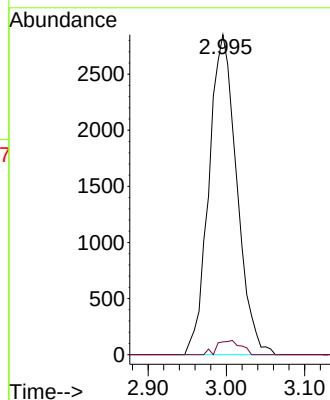
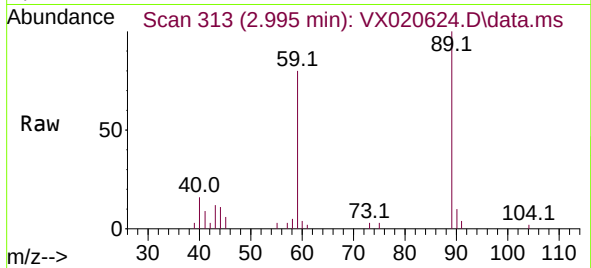




#11
Tert butyl alcohol
Concen: 14.84 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

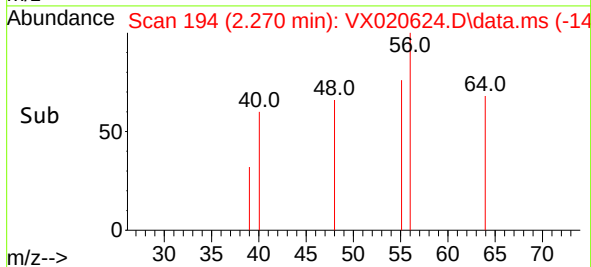
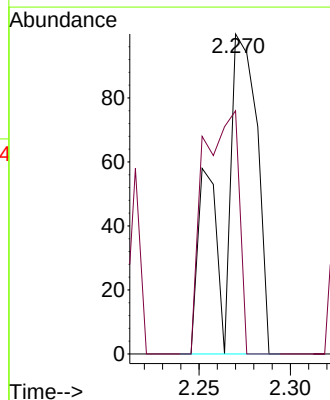
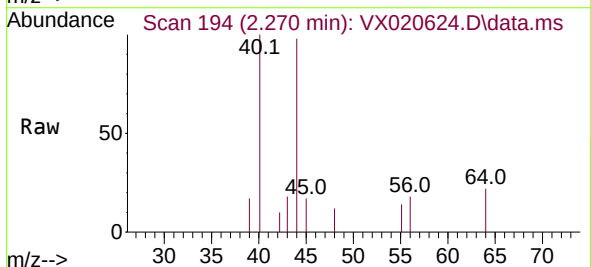
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

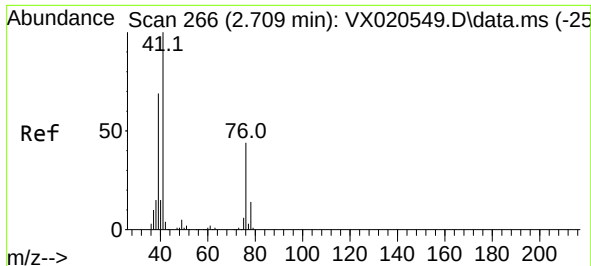
Tgt Ion: 59 Resp: 7055
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8#



#13
Acrolein
Concen: 0.44 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 73.2 56.4 84.6

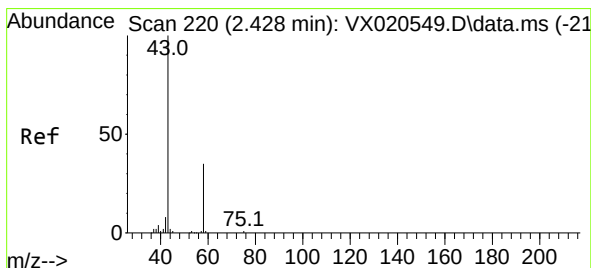
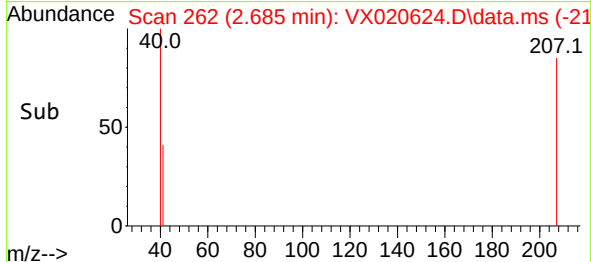
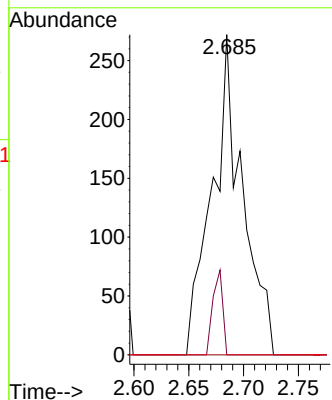
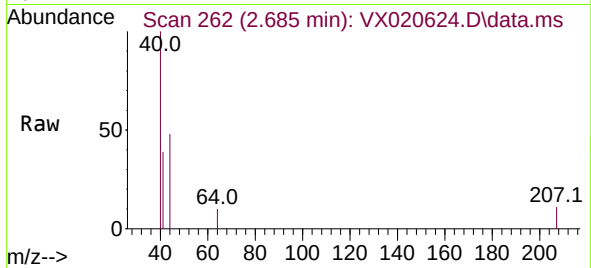




#14
 Allyl chloride
 Concen: 0.21 ug/l
 RT: 2.685 min Scan# 262
 Delta R.T. -0.024 min
 Lab File: VX020624.D
 Acq: 14 Jan 2021 19:40

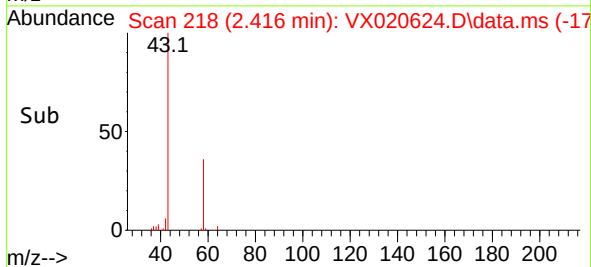
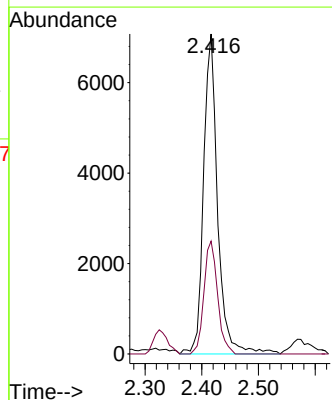
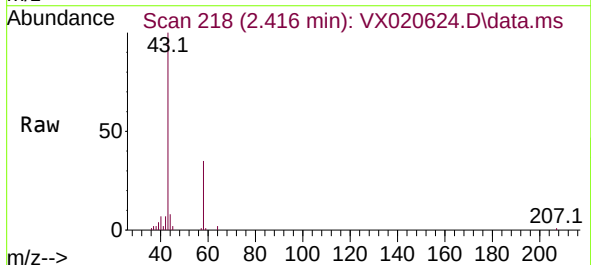
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-231

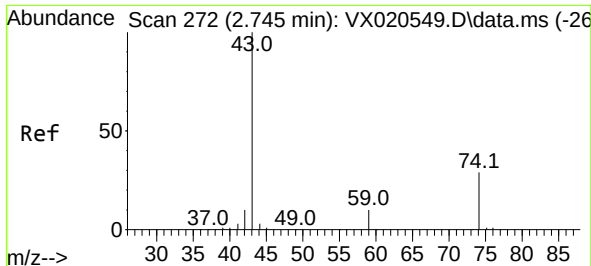
Tgt Ion: 41 Resp: 524
 Ion Ratio Lower Upper
 41 100
 39 8.6 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 12.02 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. -0.012 min
 Lab File: VX020624.D
 Acq: 14 Jan 2021 19:40

Tgt Ion: 43 Resp: 12201
 Ion Ratio Lower Upper
 43 100
 58 35.2 27.8 41.8

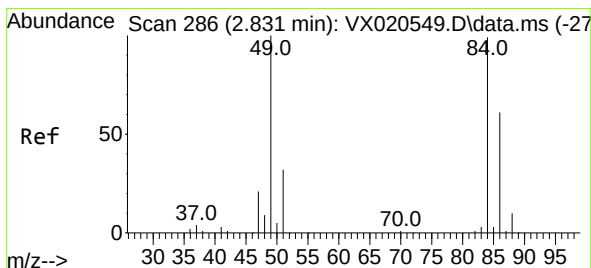
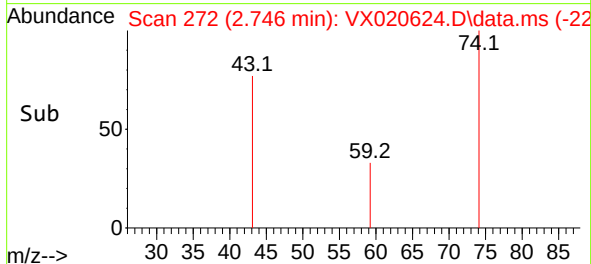
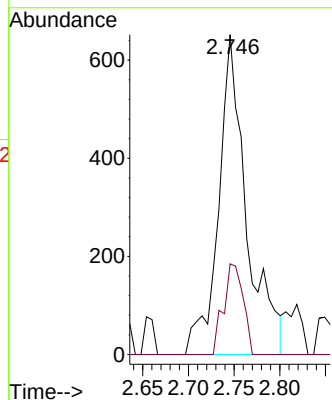
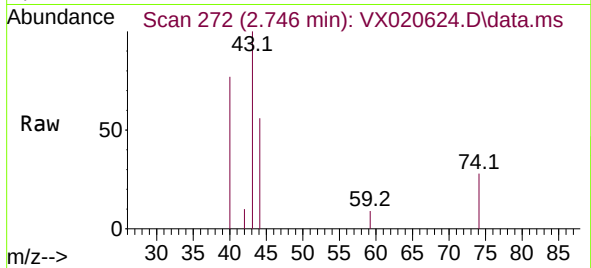




#18
Methyl Acetate
Concen: 0.69 ug/l
RT: 2.746 min Scan# 272
Delta R.T. 0.001 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

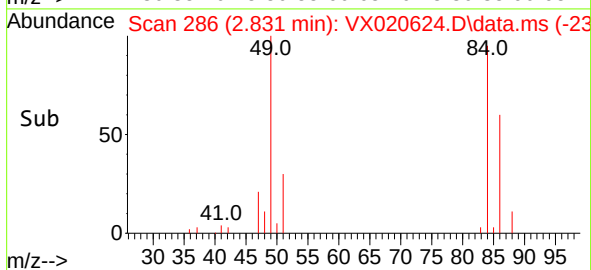
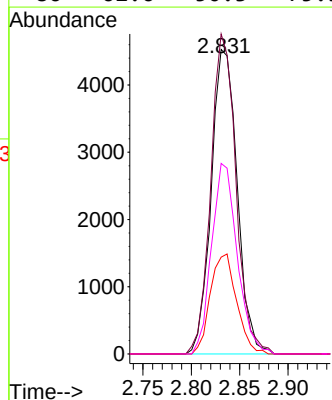
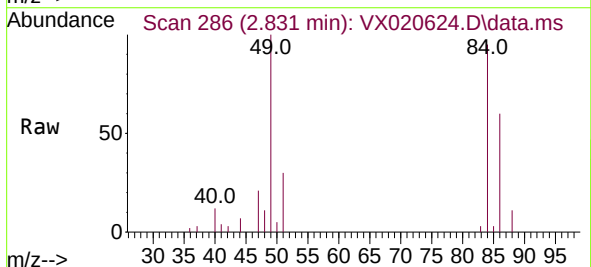
Instrument :
MSVOA_X
ClientSampled :
VNJ-231

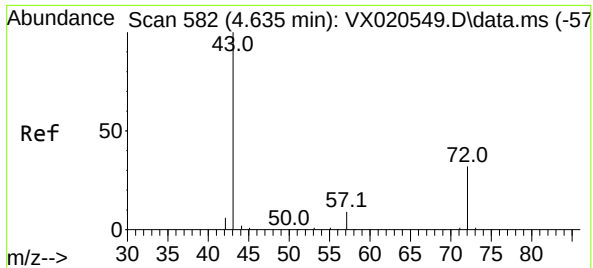
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
74 19.8 21.9 32.9#



#20
Methylene Chloride
Concen: 3.95 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 84 Resp: 8440
Ion Ratio Lower Upper
84 100
49 105.1 88.6 132.8
51 31.8 27.0 40.6
86 62.6 50.3 75.5

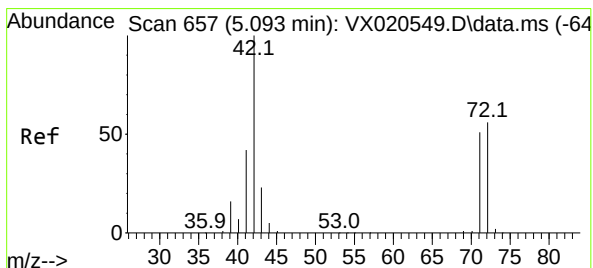
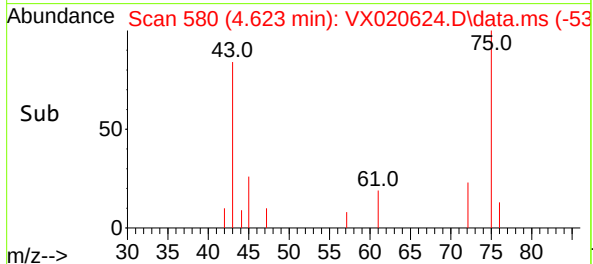
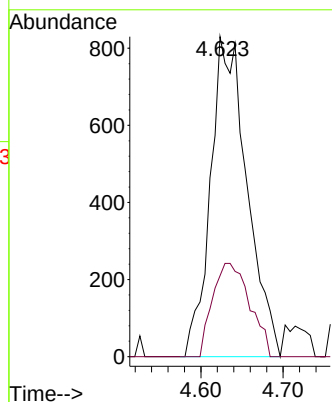
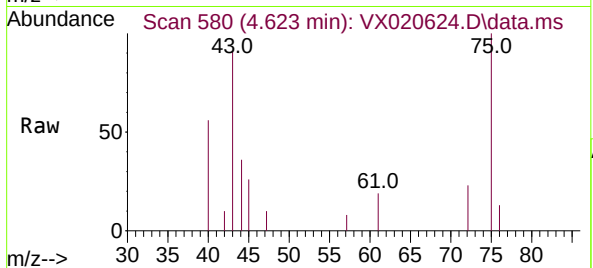




#25
2-Butanone
Concen: 2.09 ug/l
RT: 4.623 min Scan# 580
Delta R.T. -0.012 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

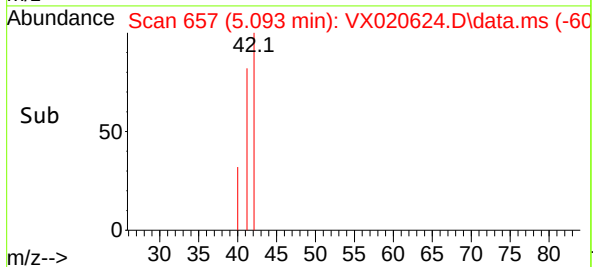
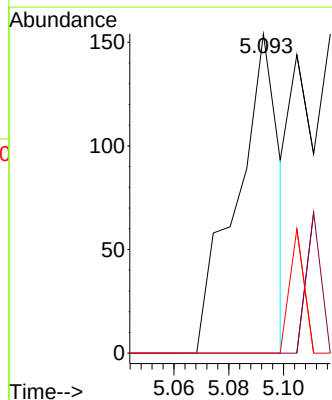
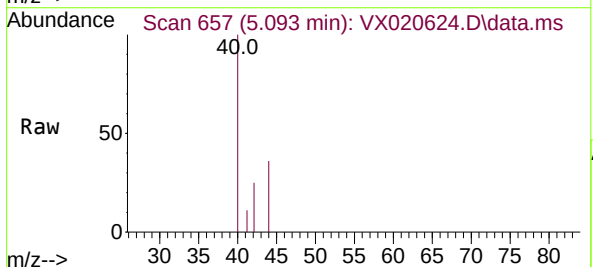
Instrument :
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ClientSampled :
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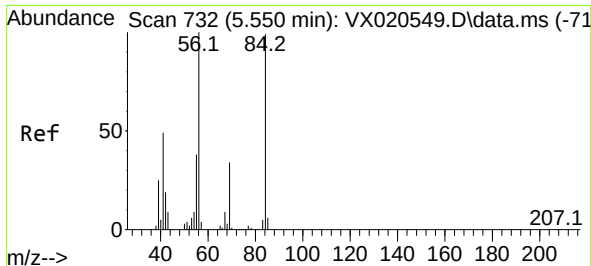
Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
72 25.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 42 Resp: 166
Ion Ratio Lower Upper
42 100
72 15.1 41.7 62.5#
71 13.3 38.4 57.6#

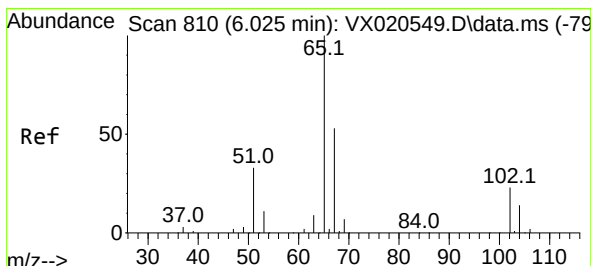
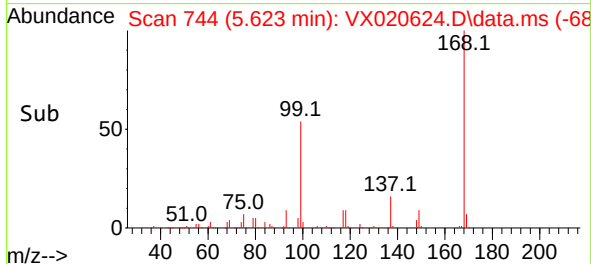
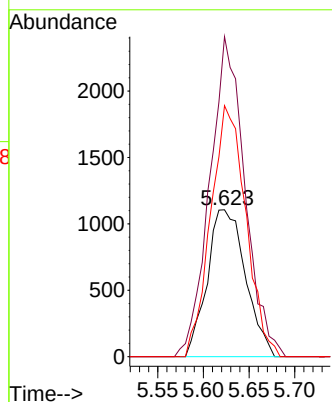
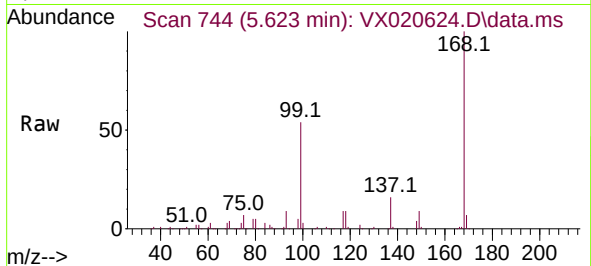




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

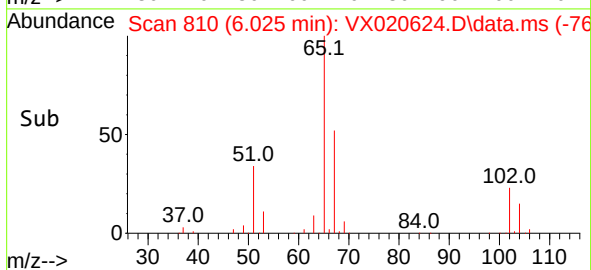
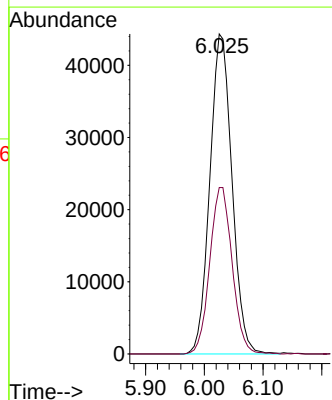
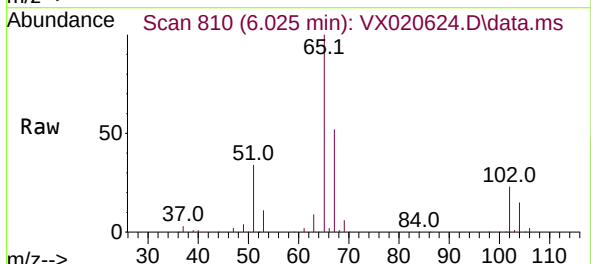
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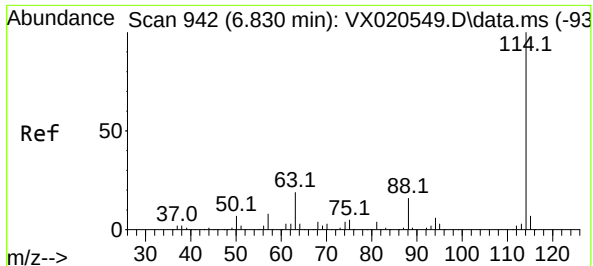
Tgt Ion: 56 Resp: 3222
Ion Ratio Lower Upper
56 100
69 212.6 25.3 37.9#
84 170.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.29 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 65 Resp: 116116
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

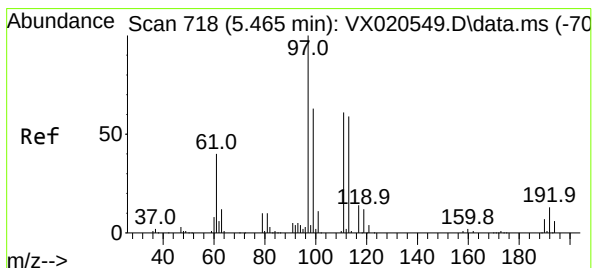
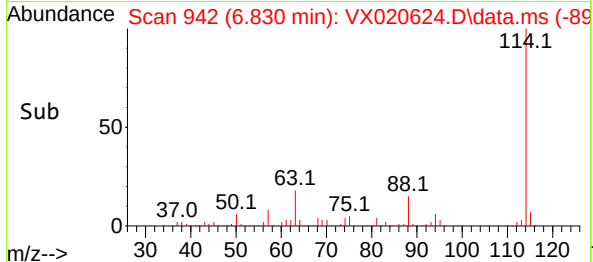
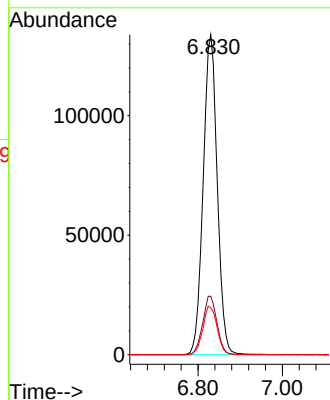
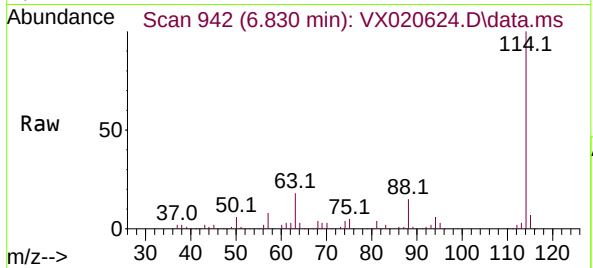




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

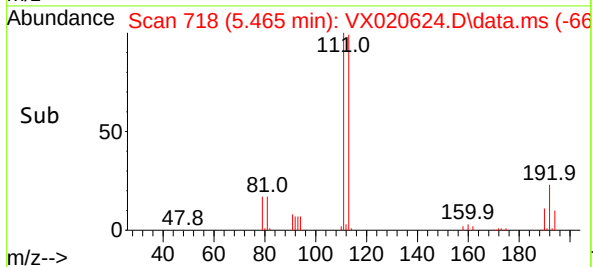
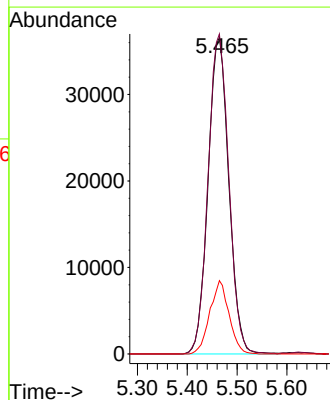
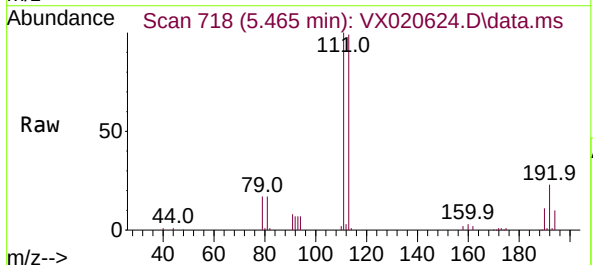
Instrument :
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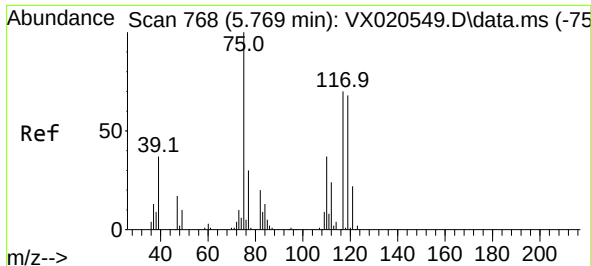
Tgt Ion:114 Resp: 310234
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 14.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.15 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

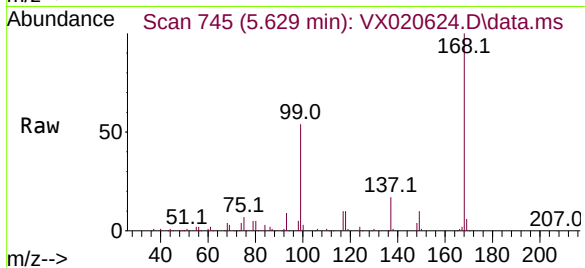
Tgt Ion:113 Resp: 105646
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 21.5 16.7 25.1



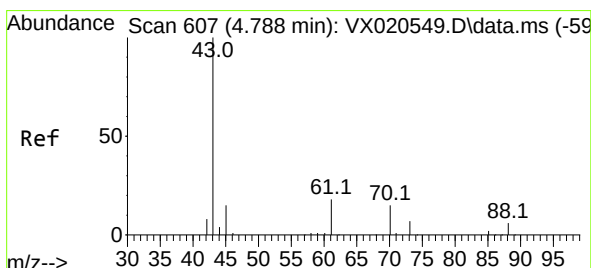
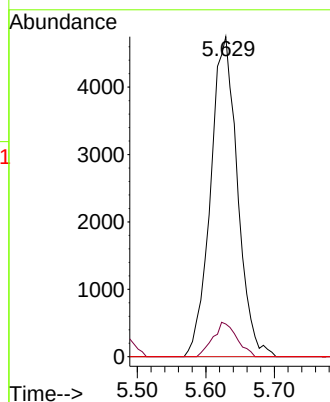
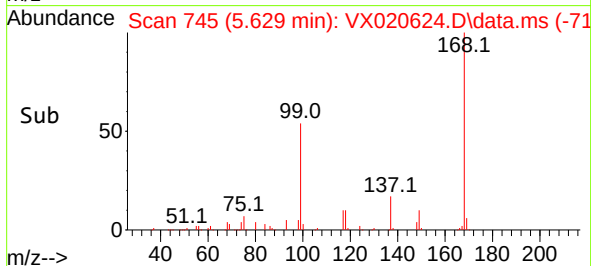


#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

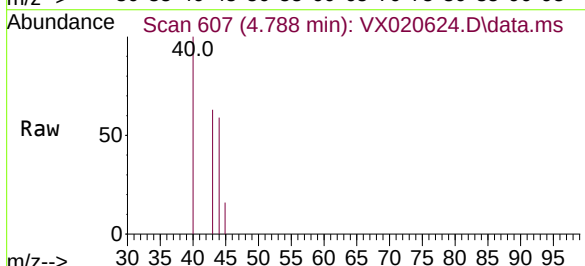
Instrument :
MSVOA_X
ClientSampled :
VNJ-231



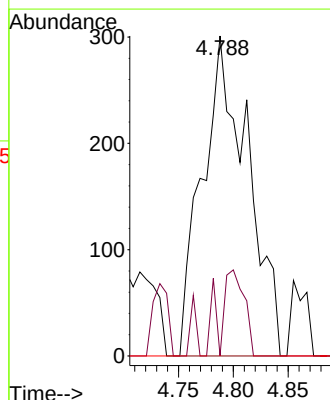
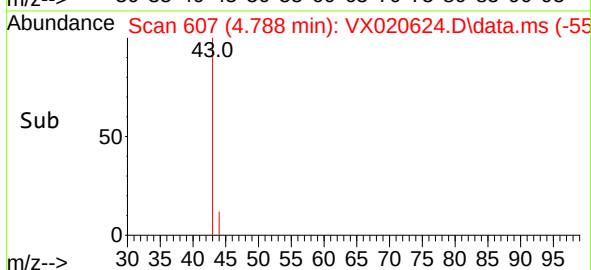
Tgt Ion: 75 Resp: 12965
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#

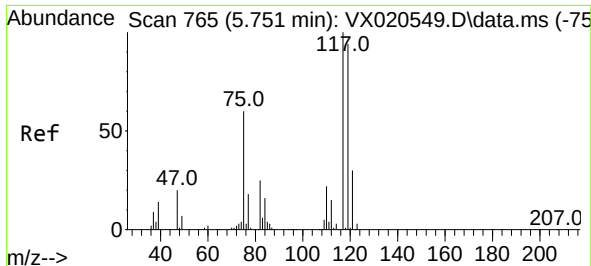


#37
Ethyl Acetate
Concen: 0.34 ug/l
RT: 4.788 min Scan# 607
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40



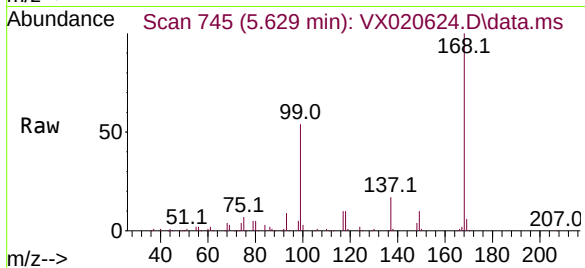
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
61 14.5 12.8 19.2
70 0.0 10.5 15.7#



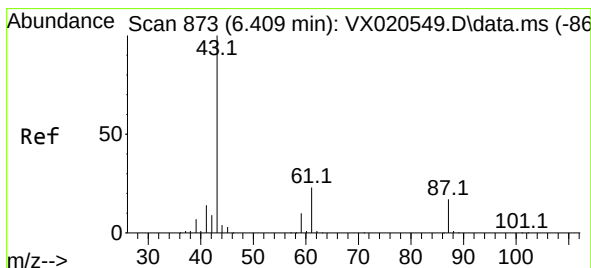
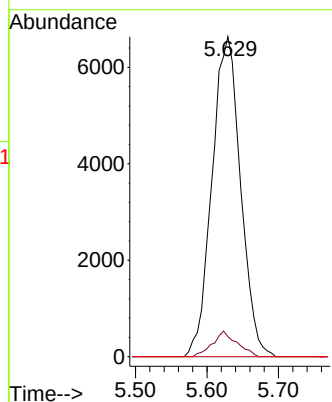
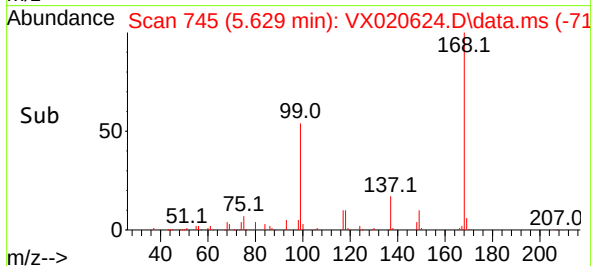


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

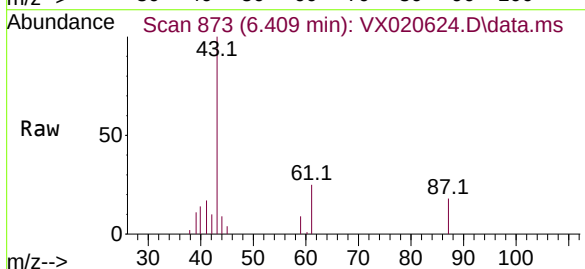
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231



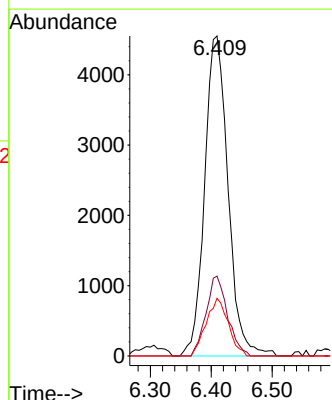
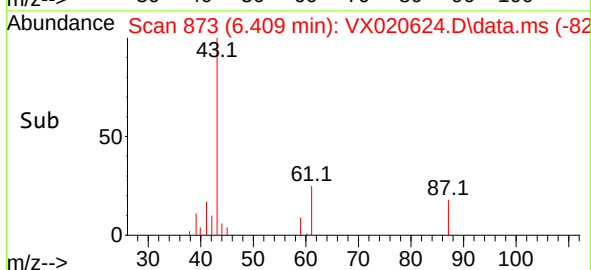
Tgt Ion: 117 Resp: 18440
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

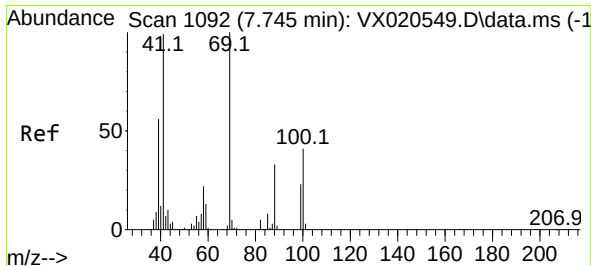


#43
Isopropyl Acetate
Concen: 3.05 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40



Tgt Ion: 43 Resp: 12168
Ion Ratio Lower Upper
43 100
61 22.9 18.2 27.4
87 17.0 12.5 18.7

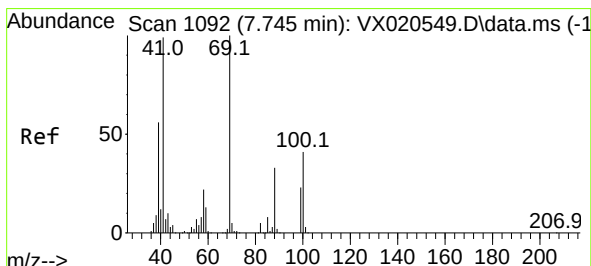
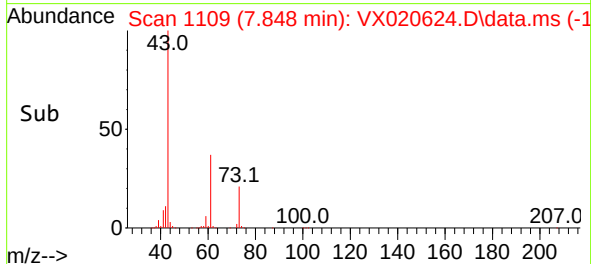
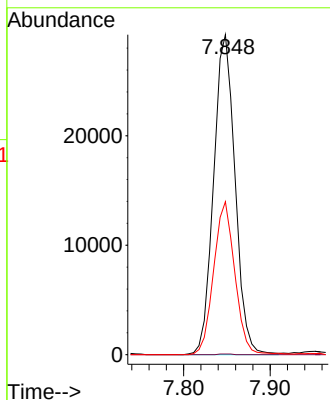
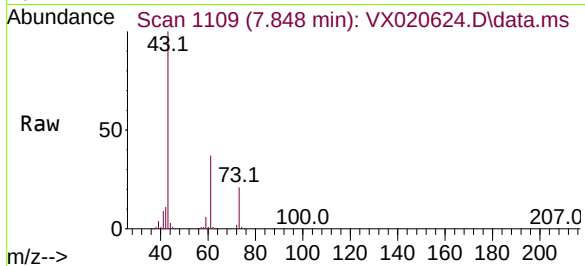




#48
Methyl methacrylate
Concen: 25.88 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.103 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

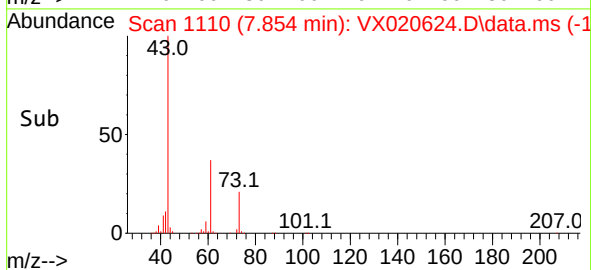
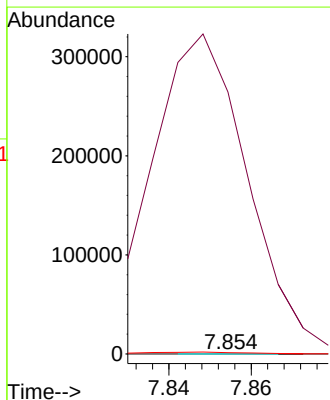
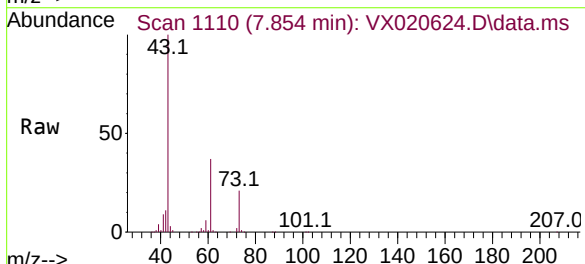
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

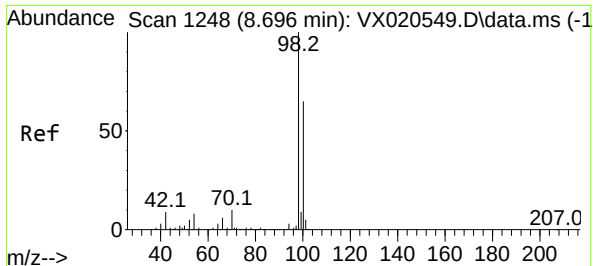
Tgt Ion: 41 Resp: 50211
Ion Ratio Lower Upper
41 100
69 0.1 76.0 114.0#
39 47.4 44.6 67.0



#49
1,4-Dioxane
Concen: 0.47 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.109 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 2364578.3 23.2 34.8#
58 14608.7 55.0 82.4#

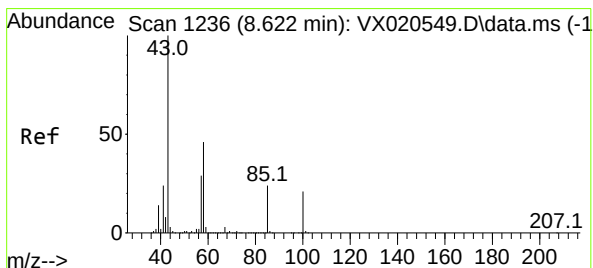
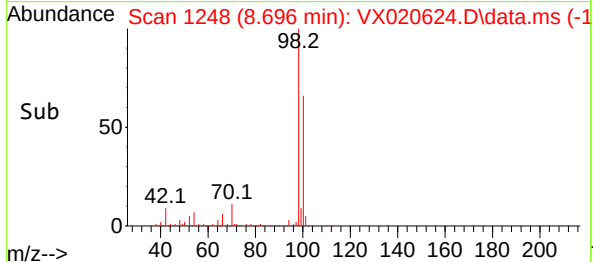
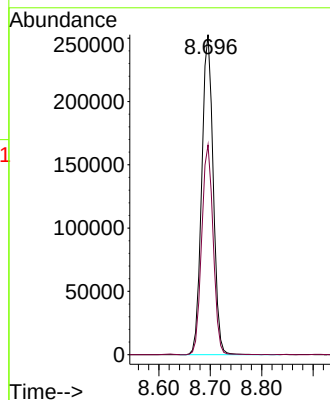
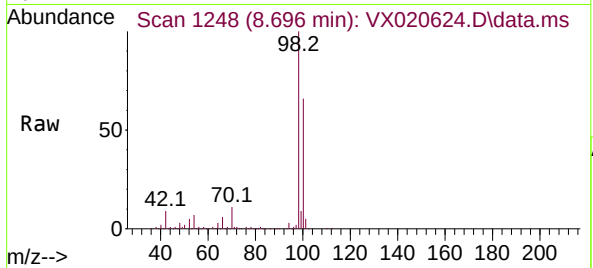




#50
Toluene-d8
Concen: 50.81 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

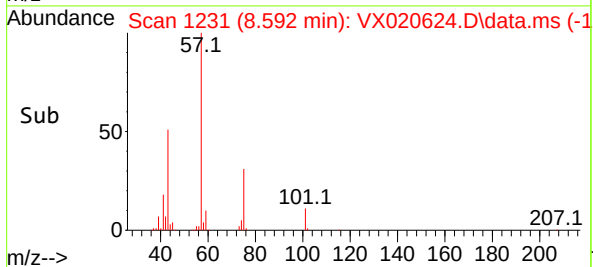
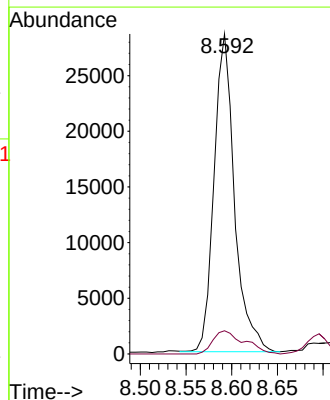
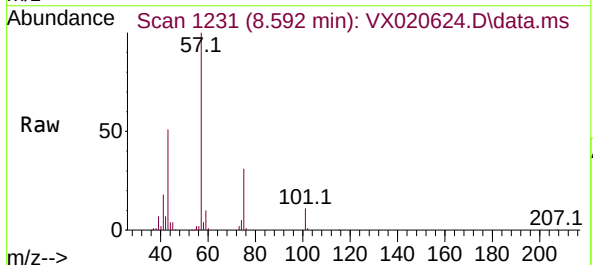
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

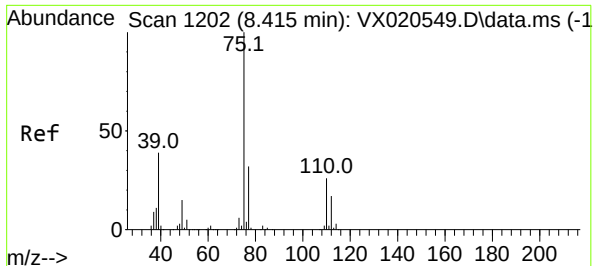
Tgt Ion: 98 Resp: 390791
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 17.92 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 43 Resp: 44370
Ion Ratio Lower Upper
43 100
58 11.2 35.4 53.0#

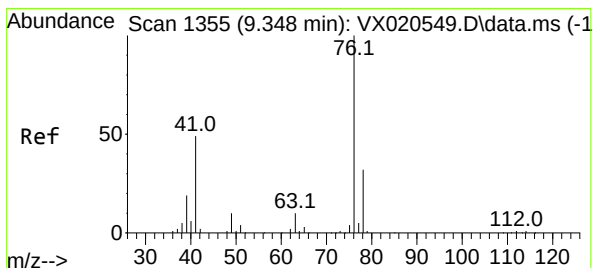
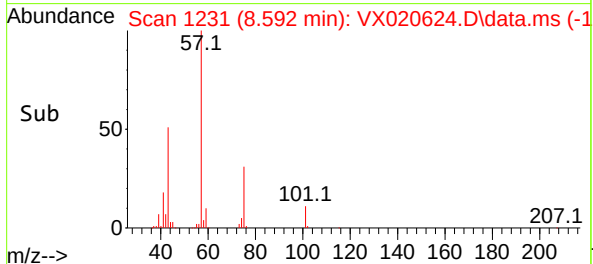
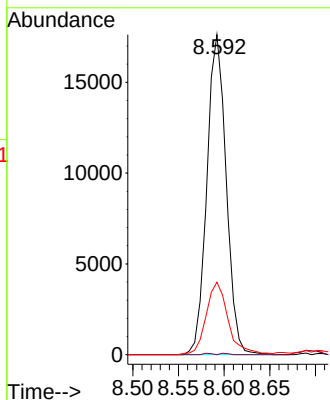
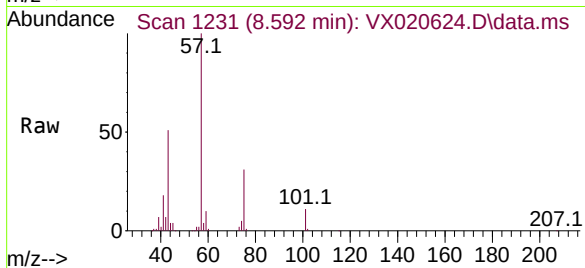




#54
cis-1,3-Dichloropropene
Concen: 7.31 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

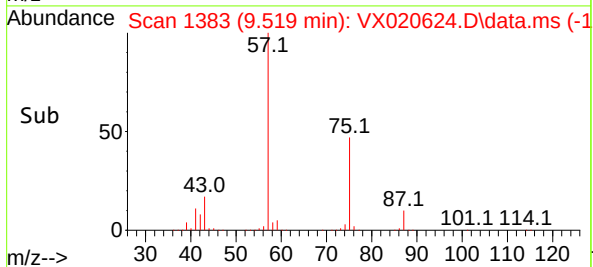
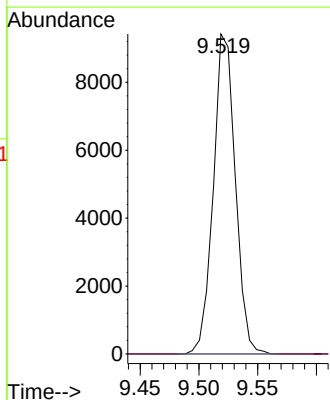
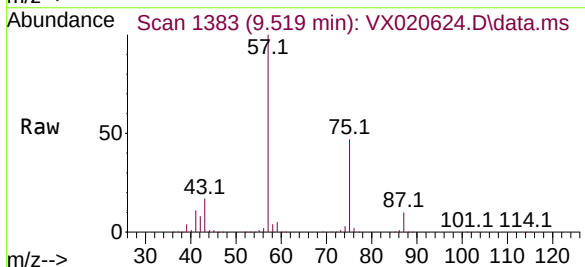
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

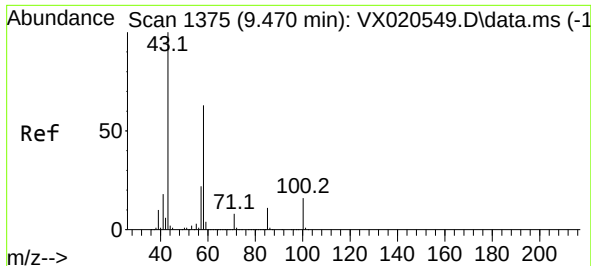
Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 22.7 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 3.30 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.171 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 76 Resp: 12277
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

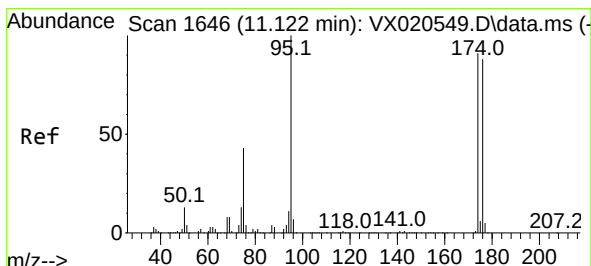
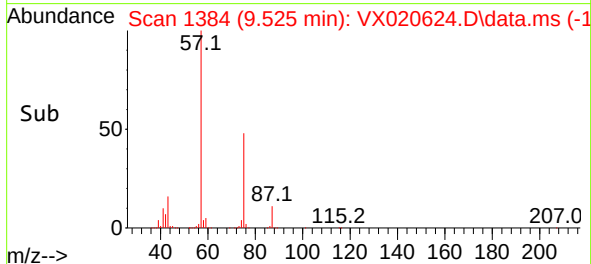
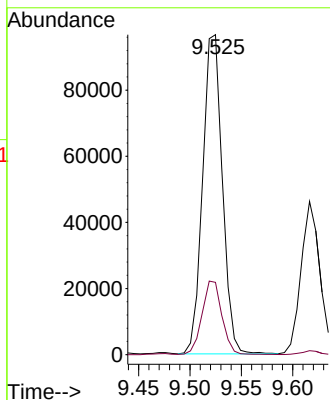
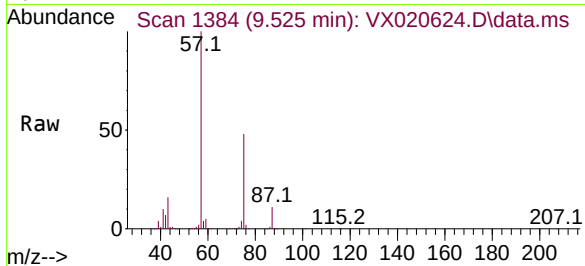




#59
2-Hexanone
Concen: 69.51 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

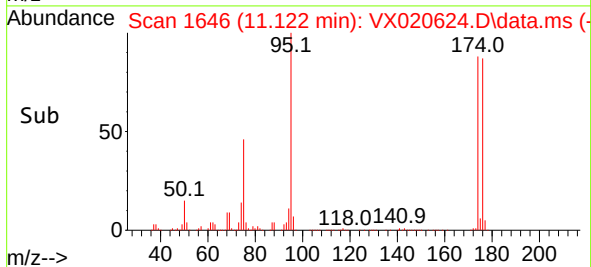
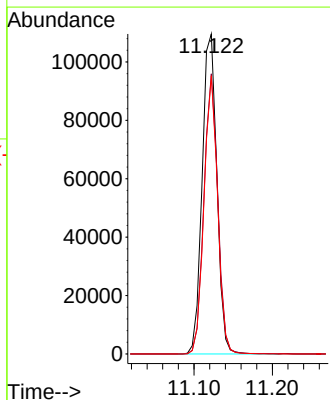
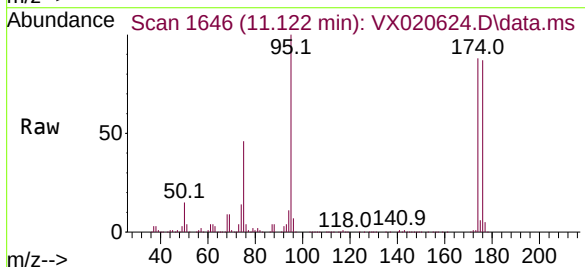
Instrument :
MSVOA_X
ClientSampled :
VNJ-231

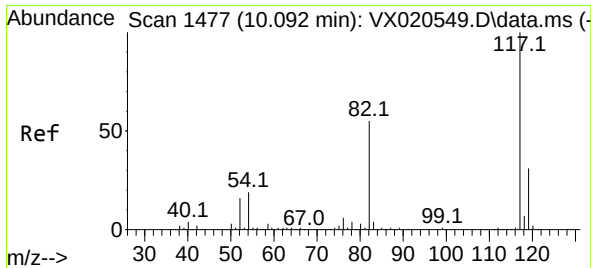
Tgt Ion: 43 Resp: 129019
Ion Ratio Lower Upper
43 100
58 23.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 52.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 95 Resp: 142354
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 80.7 0.0 155.8

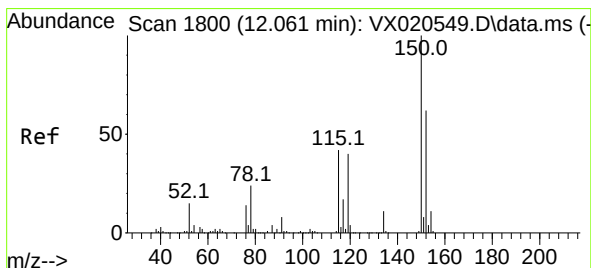
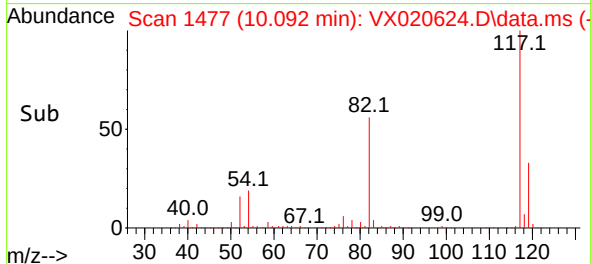
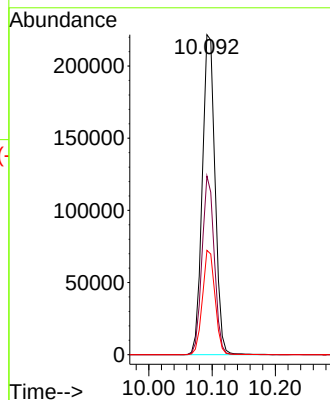
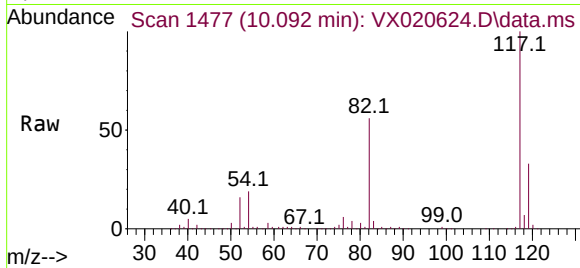




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

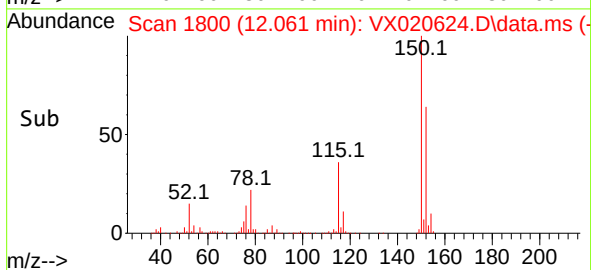
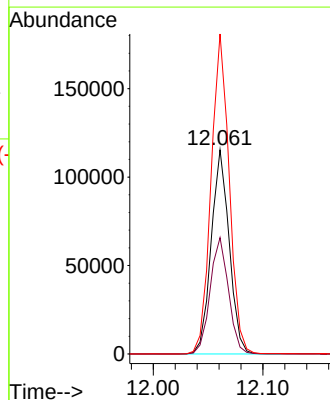
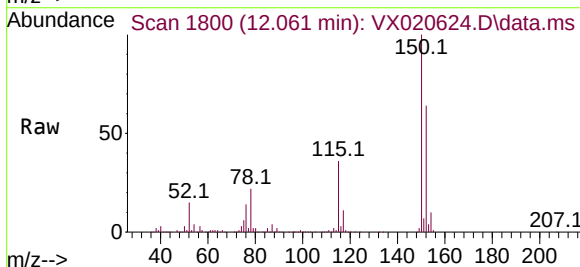
Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

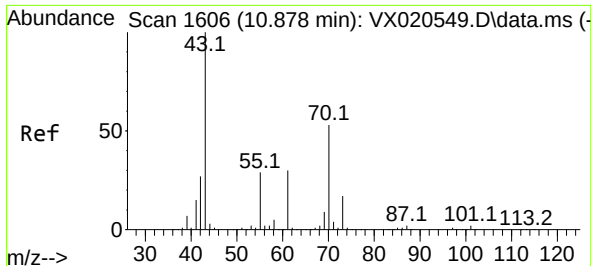
Tgt Ion:117 Resp: 311249
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion:152 Resp: 131845
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 157.6 0.0 349.0



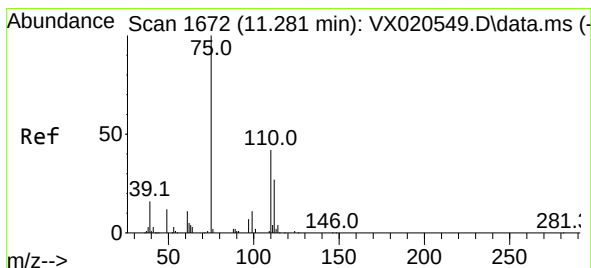
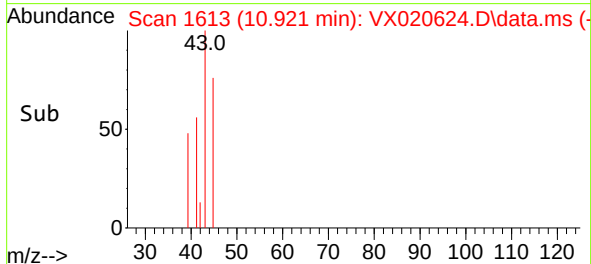
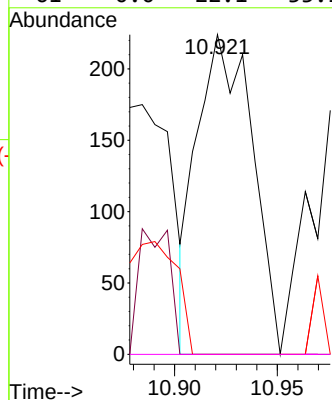
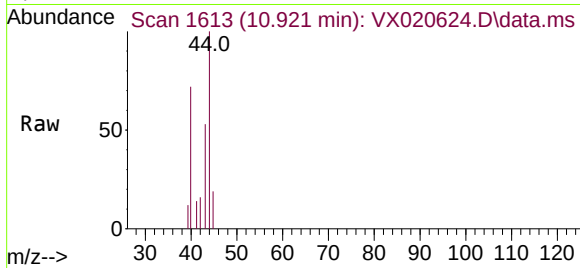


#74
N-amy1 acetate
Concen: 1.37 ug/l
RT: 10.921 min Scan# 1613
Delta R.T. 0.043 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

Tgt Ion: 43 Resp: 417

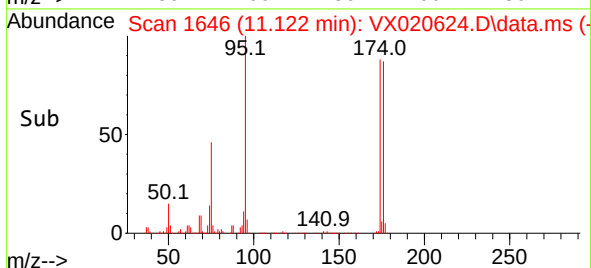
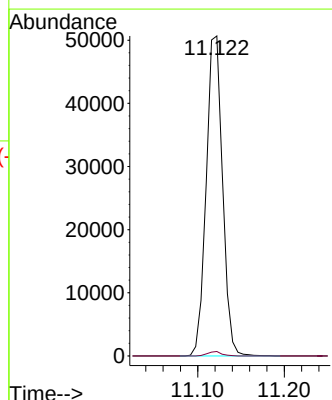
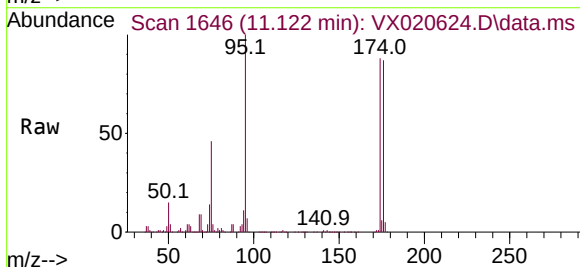
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

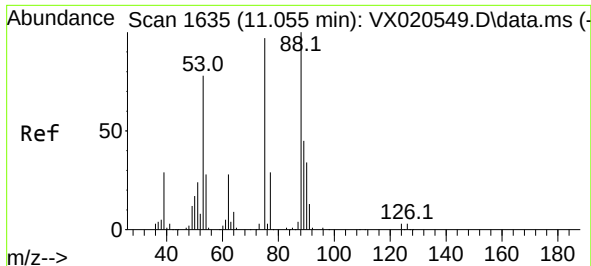


#76
1,2,3-Trichloropropane
Concen: 23.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 75 Resp: 66397

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

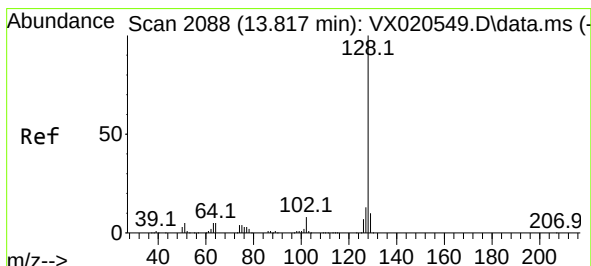
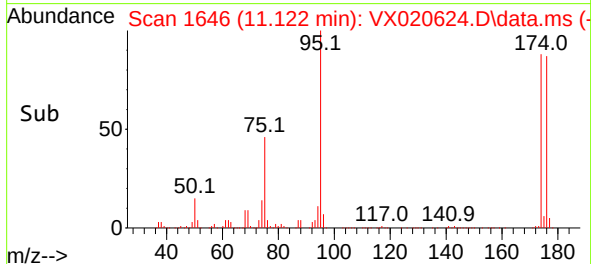
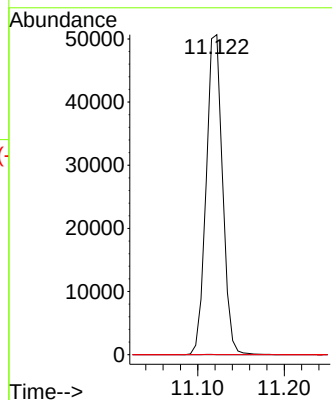
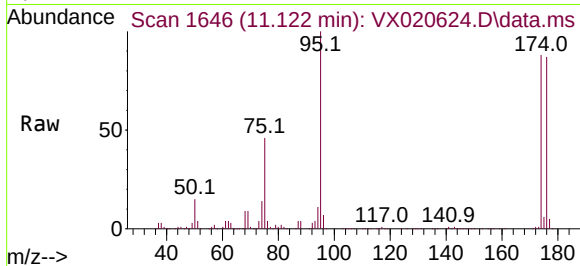




#81
trans-1,4-Dichloro-2-butene
Concen: 65.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Instrument :
MSVOA_X
ClientSampleId :
VNJ-231

Tgt Ion: 75 Resp: 66397
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.88 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020624.D
Acq: 14 Jan 2021 19:40

Tgt Ion: 128 Resp: 419
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

