

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020284.D
 Acq On : 22 Dec 2020 05:16
 Operator : JC/MD
 Sample : PB133709ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 06:57:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

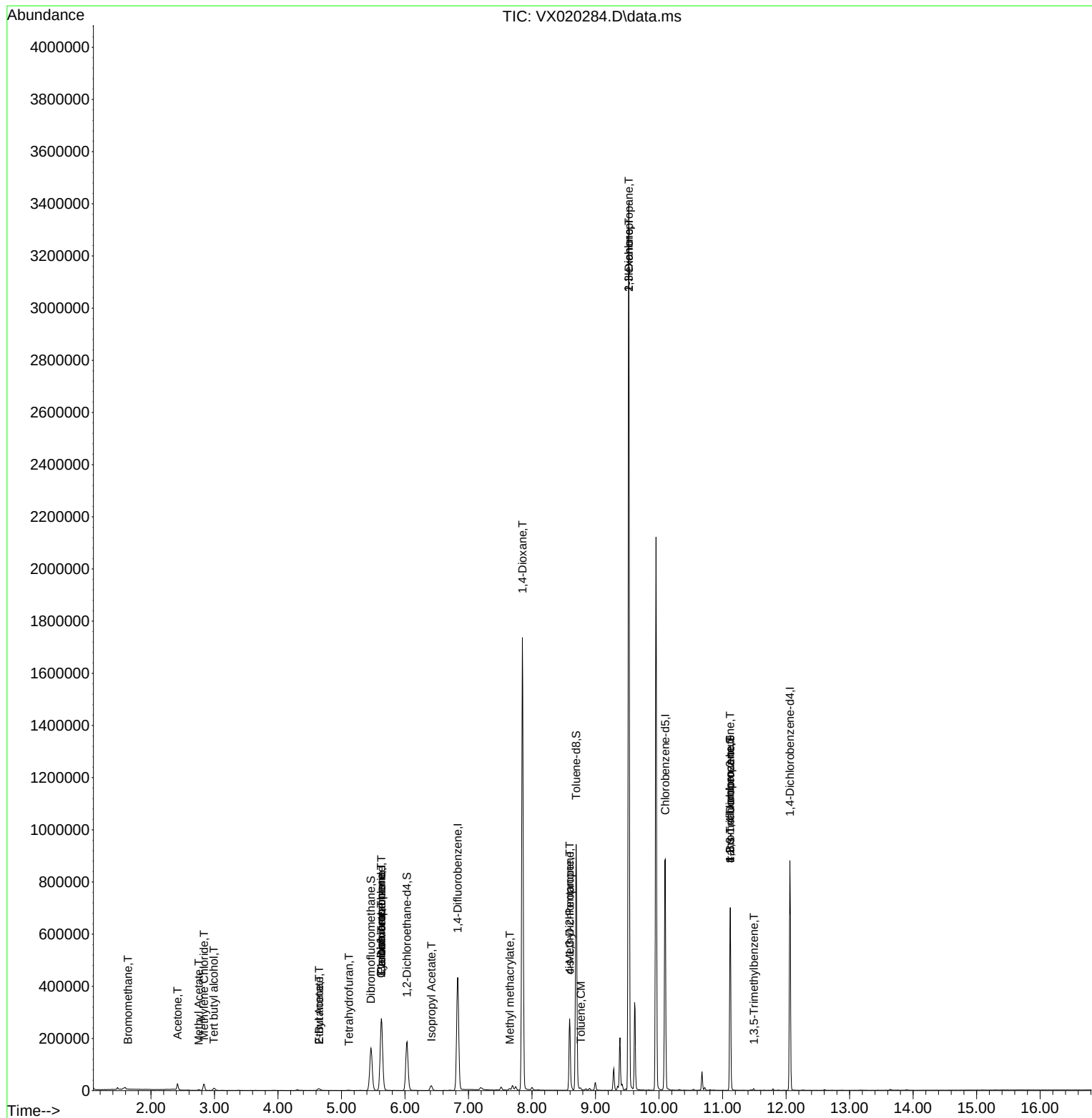
Internal Standards						
1) Pentafluorobenzene	5.629	168	258766	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	437651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	420411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	175571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	175922	50.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.44%			
35) Dibromofluoromethane	5.464	113	140903	50.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.66%			
50) Toluene-d8	8.695	98	555989	51.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.18%			
62) 4-Bromofluorobenzene	11.122	95	189815	46.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.04%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	346	0.30	ug/l	97
11) Tert butyl alcohol	2.989	59	5550	7.15	ug/l #	73
16) Acetone	2.416	43	22008	13.91	ug/l	98
18) Methyl Acetate	2.751	43	2915	0.83	ug/l	95
20) Methylene Chloride	2.837	84	11709	3.28	ug/l	94
25) 2-Butanone	4.647	43	9319	4.05	ug/l	94
29) Tetrahydrofuran	5.117	42	1106	0.76	ug/l #	87
31) Cyclohexane	5.623	56	5126	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20399	4.72	ug/l #	49
37) Ethyl Acetate	4.647	43	9319	2.07	ug/l #	65
38) Carbon Tetrachloride	5.629	117	25483	6.19	ug/l #	17
43) Isopropyl Acetate	6.415	43	23898	3.37	ug/l	98
48) Methyl methacrylate	7.653	41	7752	2.23	ug/l #	10
49) 1,4-Dioxane	7.848	88	249	3.06	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	87626	19.95	ug/l #	47
52) Toluene	8.769	92	1983	0.24	ug/l	97
54) cis-1,3-Dichloropropene	8.592	75	44988	8.39	ug/l #	63
57) 1,3-Dichloropropane	9.525	76	29475	5.11	ug/l #	43
59) 2-Hexanone	9.525	43	359505	107.38	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	92703	21.44	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.494	105	2797	0.26	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.122	75	92703	63.59	ug/l #	12

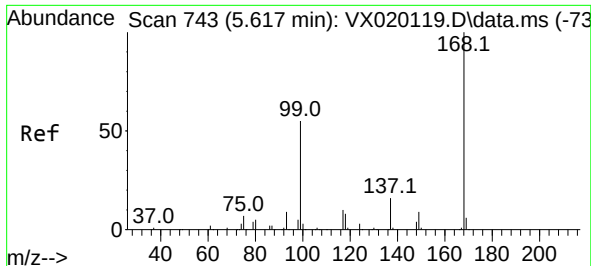
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020284.D
Acq On : 22 Dec 2020 05:16
Operator : JC/MD
Sample : PB133709ZHE#15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 22 06:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

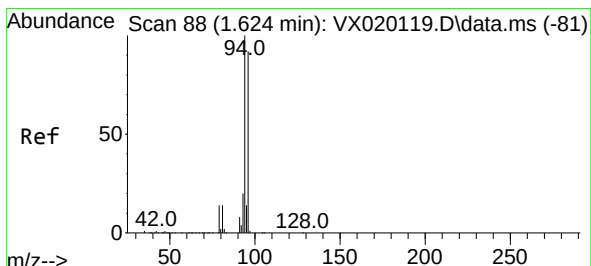
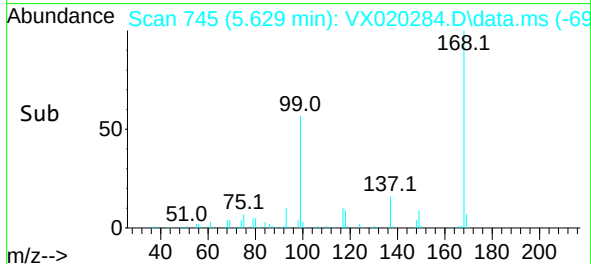
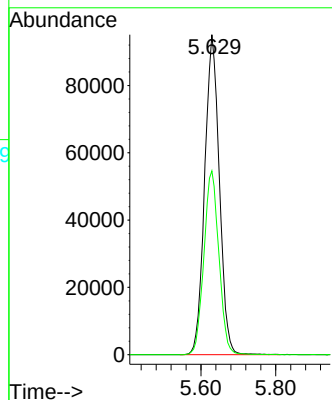
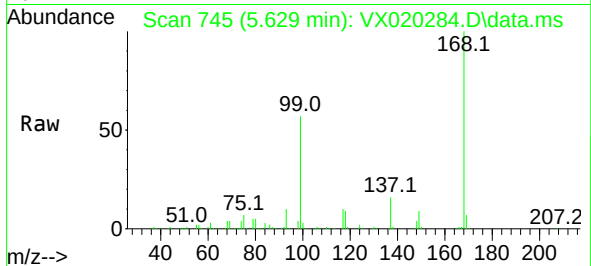




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

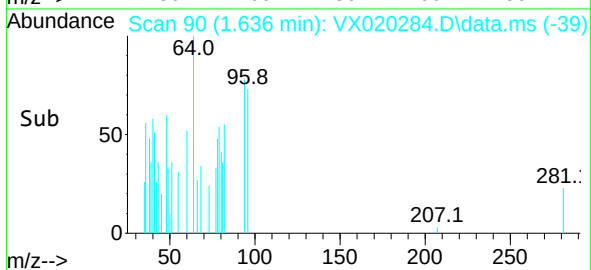
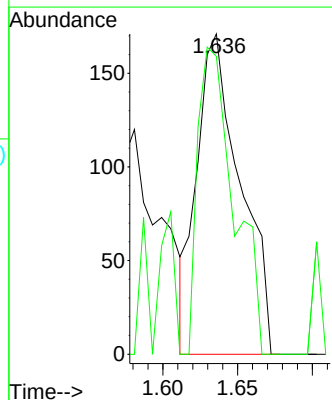
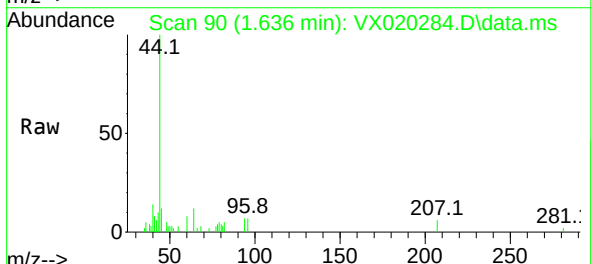
Instrument :
MSVOA_X
ClientSampleId :

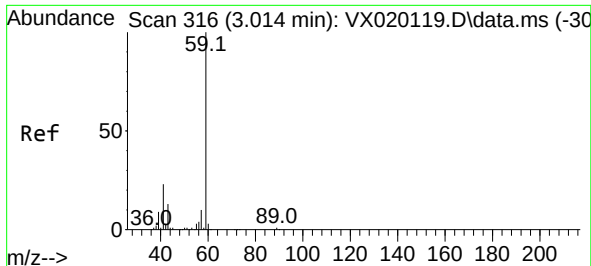
Tgt Ion:168 Resp: 258766
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

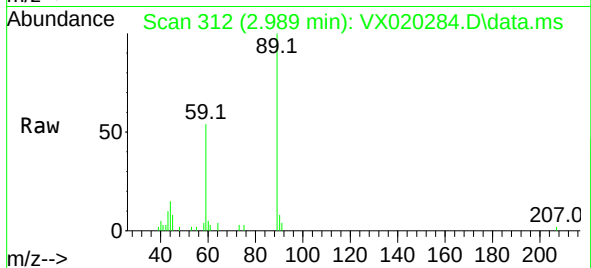
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 93.0 76.4 114.6



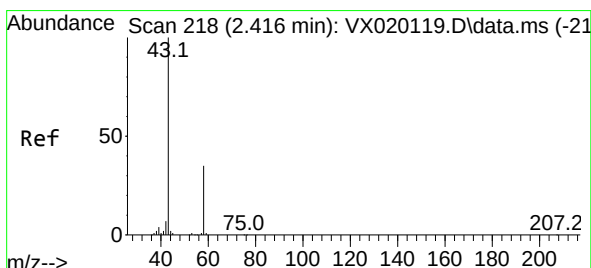
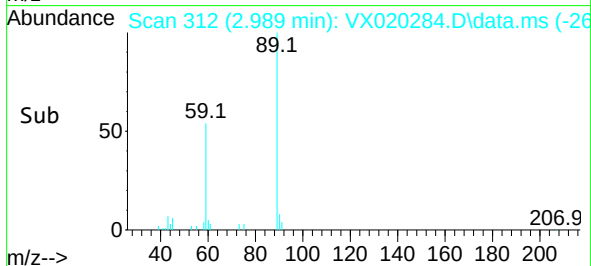
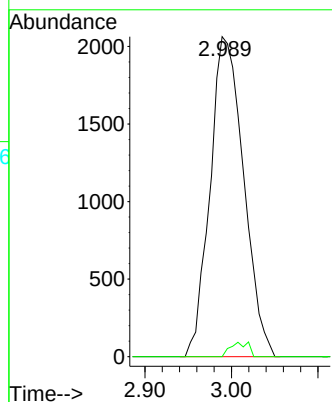


#11
Tert butyl alcohol
Concen: 7.15 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Instrument :
MSVOA_X
ClientSampled :

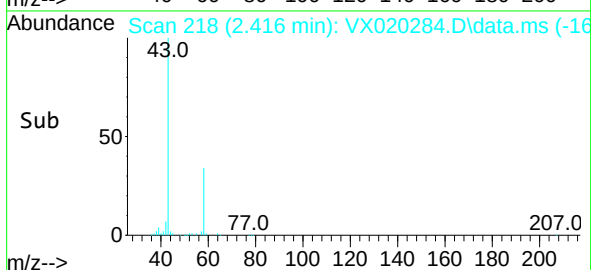
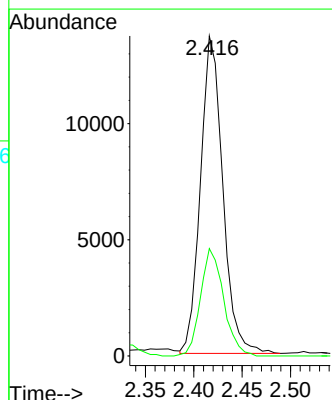
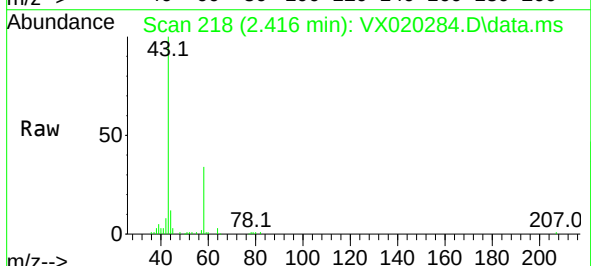


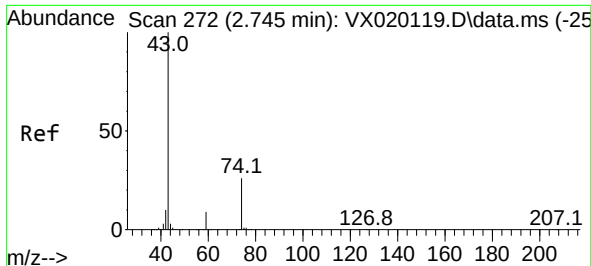
Tgt Ion: 59 Resp: 5550
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 13.91 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 43 Resp: 22008
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8

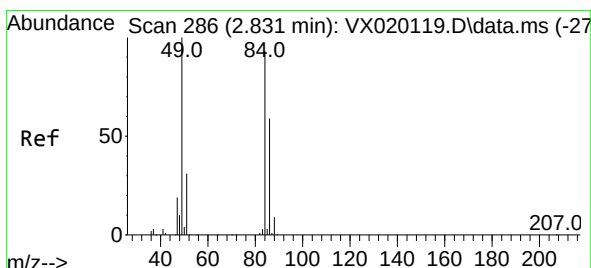
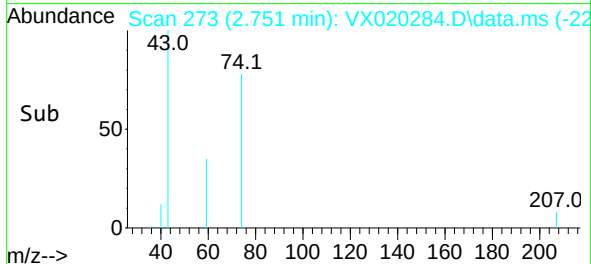
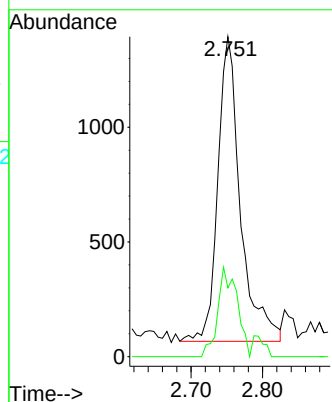
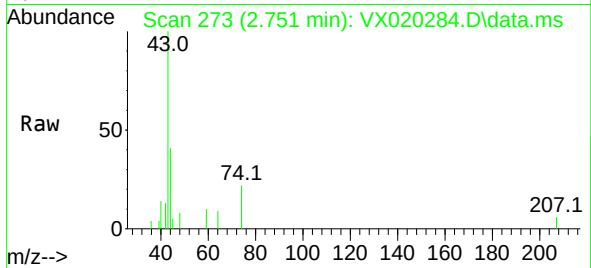




#18
Methyl Acetate
Concen: 0.83 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

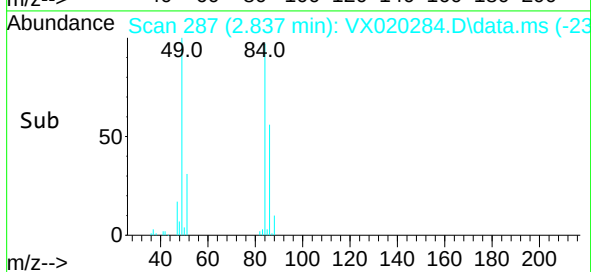
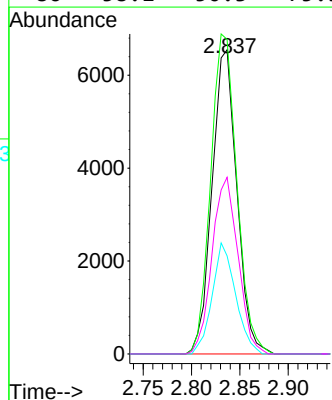
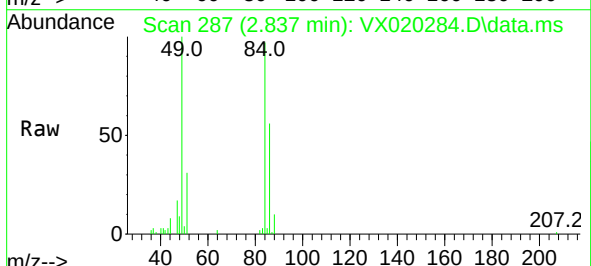
Instrument :
MSVOA_X
ClientSampled :

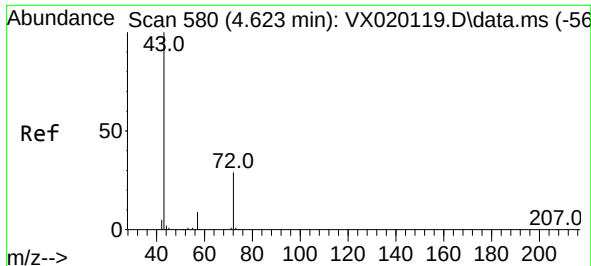
Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
74 25.0 21.9 32.9



#20
Methylene Chloride
Concen: 3.28 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 84 Resp: 11709
Ion Ratio Lower Upper
84 100
49 103.4 88.6 132.8
51 32.2 27.0 40.6
86 58.1 50.3 75.5

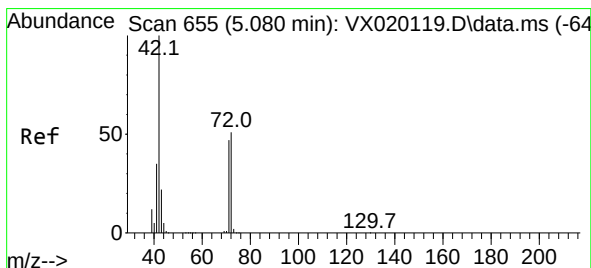
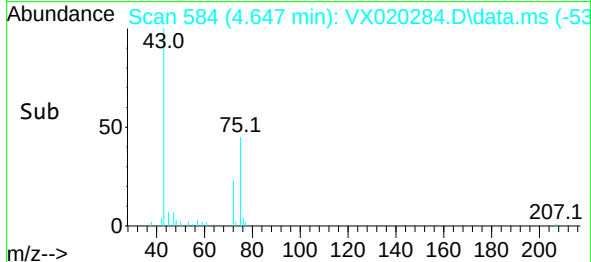
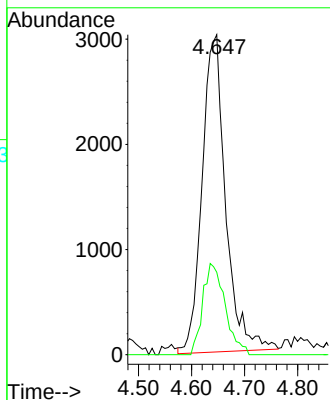
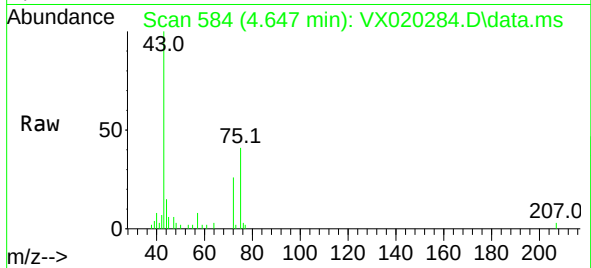




#25
2-Butanone
Concen: 4.05 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.024 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

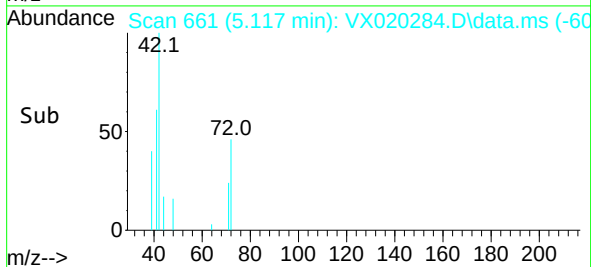
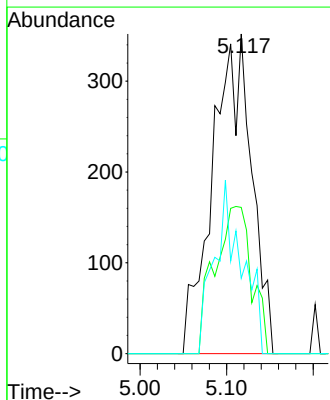
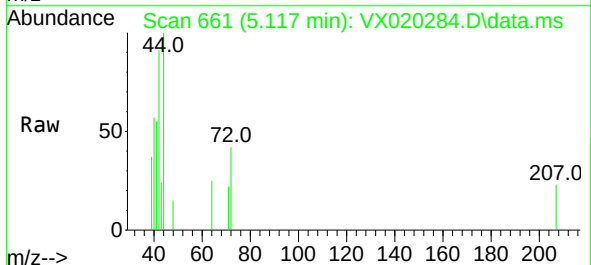
Instrument :
MSVOA_X
ClientSampled :

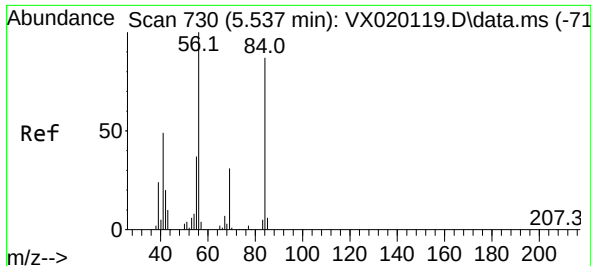
Tgt Ion: 43 Resp: 9319
Ion Ratio Lower Upper
43 100
72 26.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.76 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.037 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 42 Resp: 1106
Ion Ratio Lower Upper
42 100
72 43.4 41.7 62.5
71 38.2 38.4 57.6#

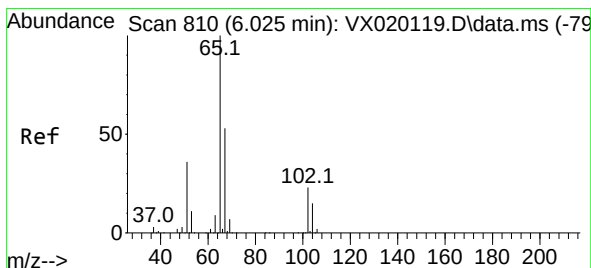
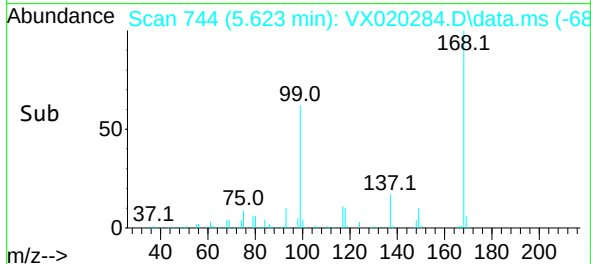
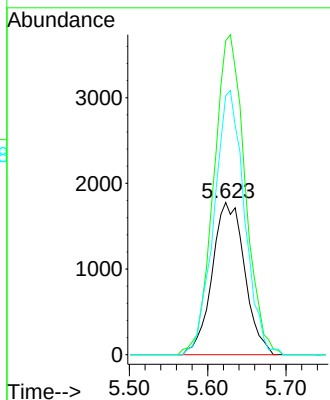
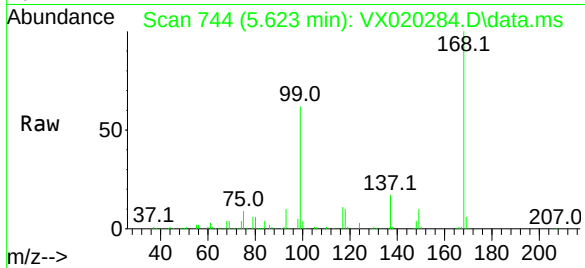




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

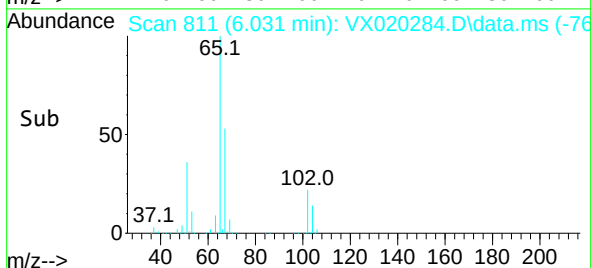
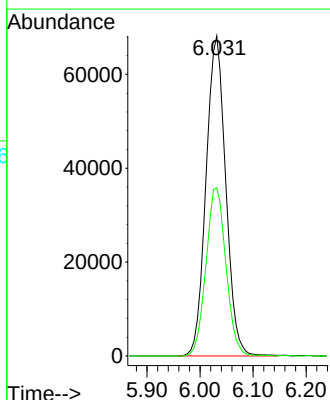
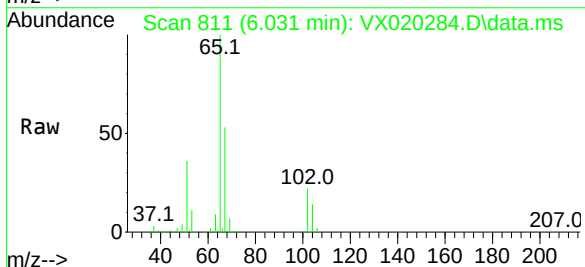
Instrument :
MSVOA_X
ClientSampled :

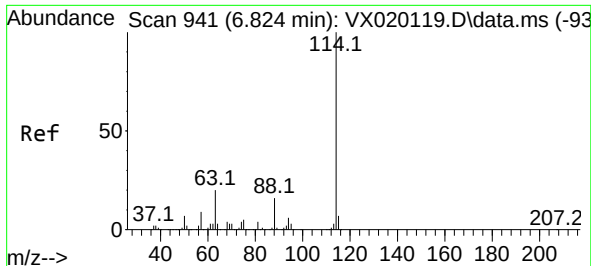
Tgt Ion: 56 Resp: 5126
Ion Ratio Lower Upper
56 100
69 206.2 25.3 37.9#
84 170.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.72 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 65 Resp: 175922
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

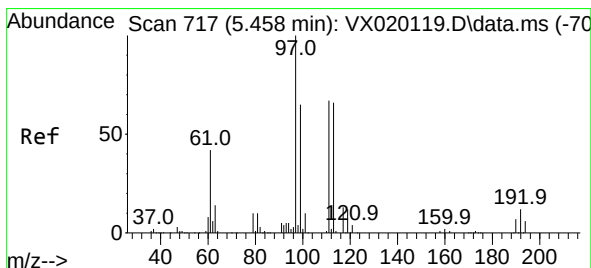
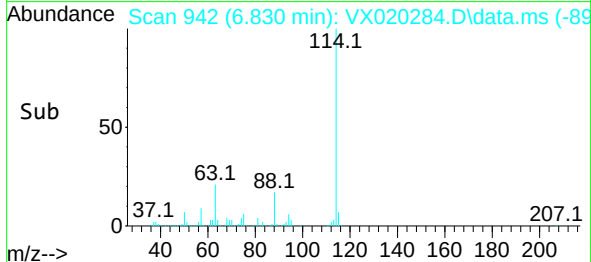
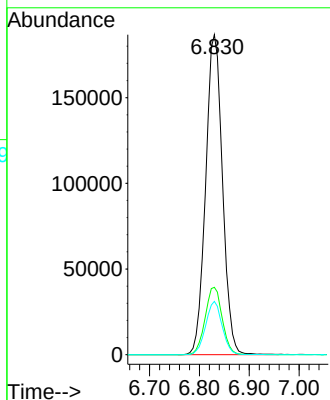
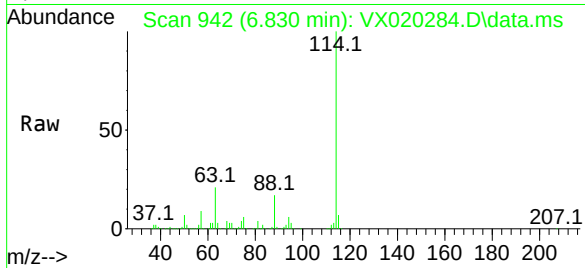




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

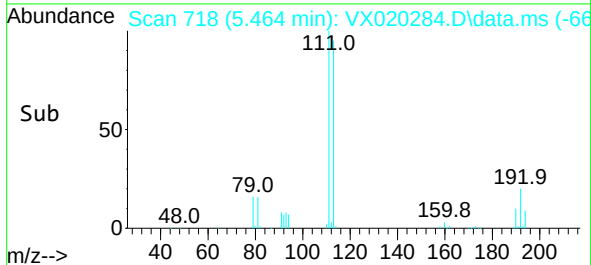
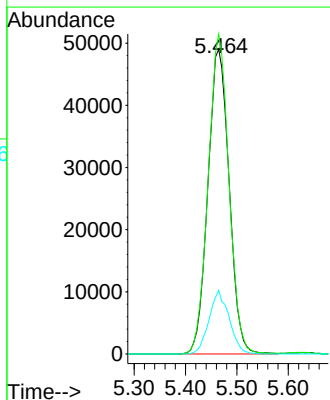
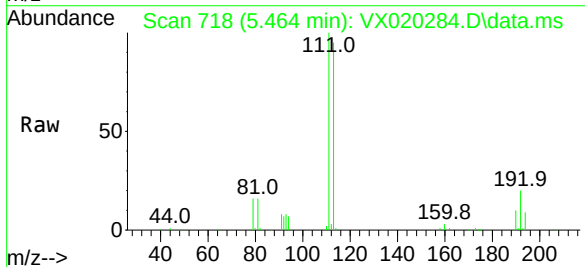
Instrument :
MSVOA_X
ClientSampled :

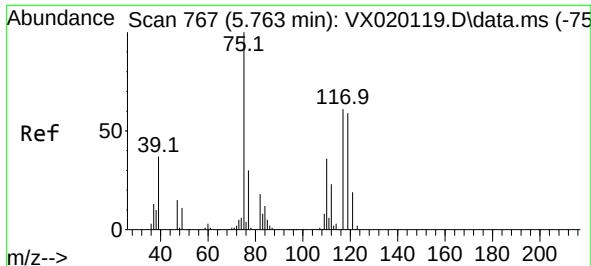
Tgt Ion:114 Resp: 437651
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

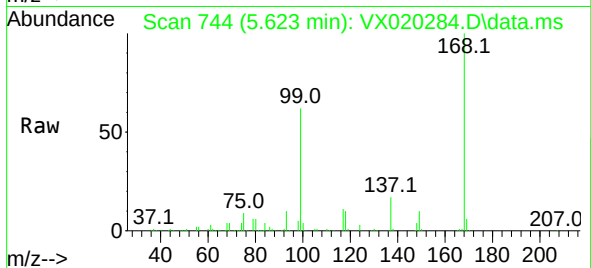
Tgt Ion:113 Resp: 140903
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.7 16.7 25.1



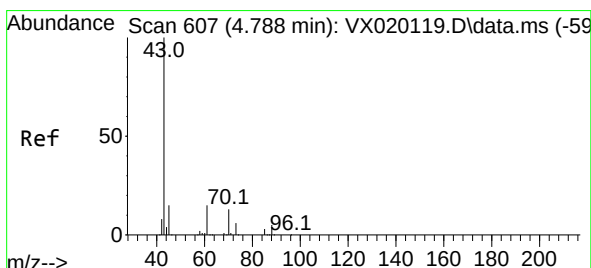
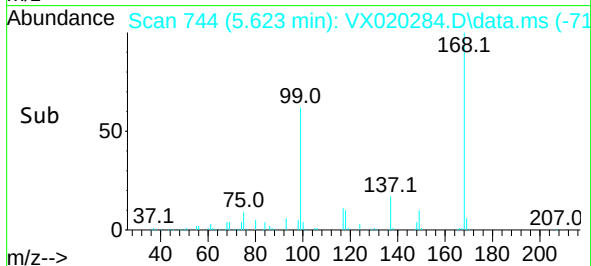
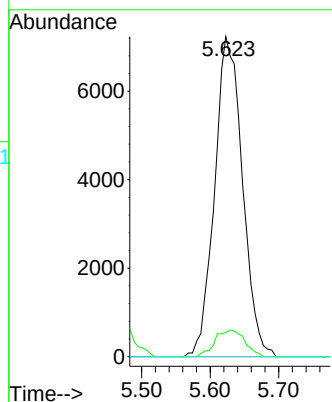


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Instrument :
MSVOA_X
ClientSampled :

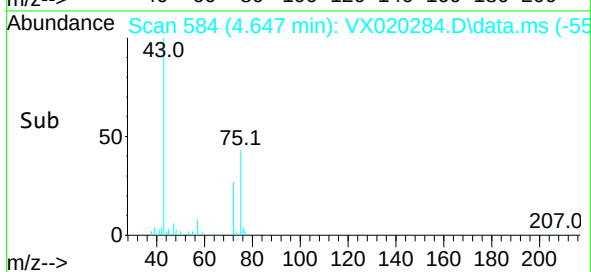
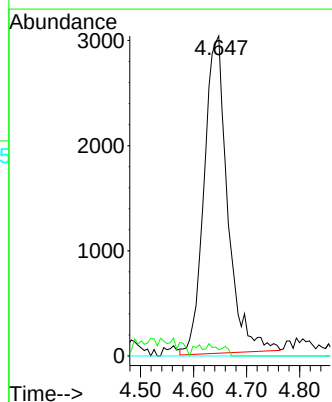
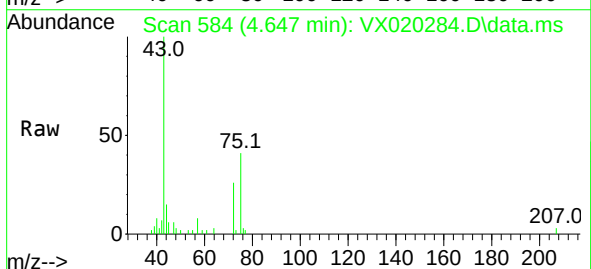


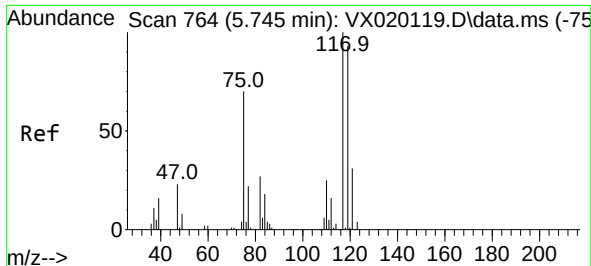
Tgt Ion: 75 Resp: 20399
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.07 ug/l
RT: 4.647 min Scan# 584
Delta R.T. -0.141 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

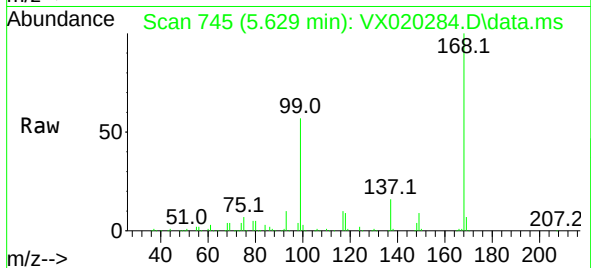
Tgt Ion: 43 Resp: 9319
Ion Ratio Lower Upper
43 100
61 0.6 12.8 19.2#
70 0.0 10.5 15.7#



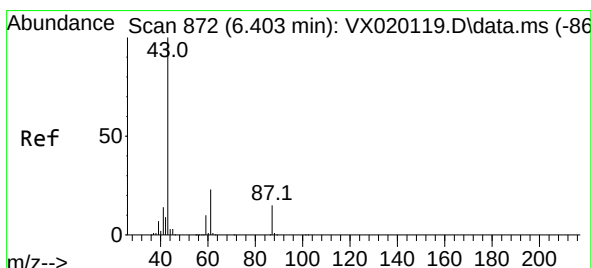
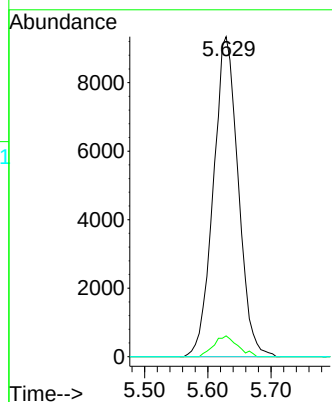
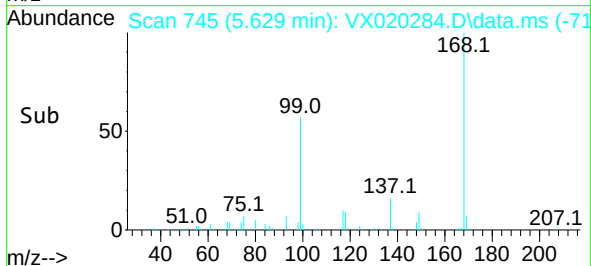


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

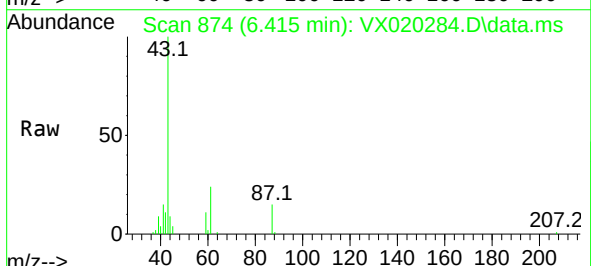
Instrument :
MSVOA_X
ClientSampled :



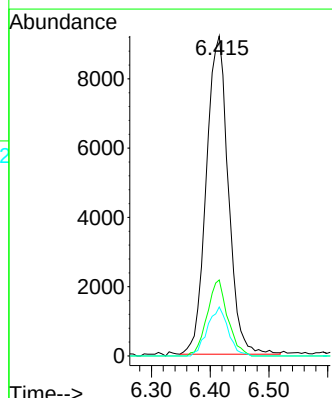
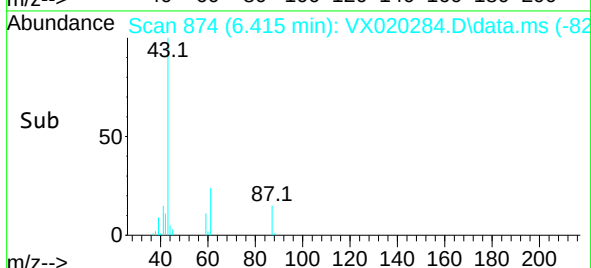
Tgt Ion:117 Resp: 25483
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

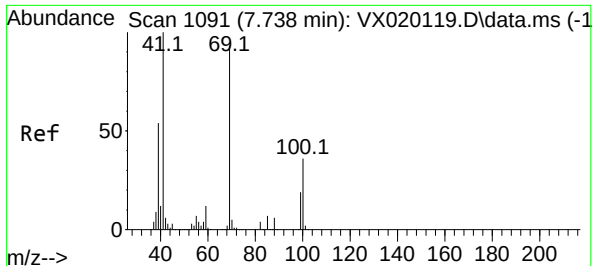


#43
Isopropyl Acetate
Concen: 3.37 ug/l
RT: 6.415 min Scan# 874
Delta R.T. 0.012 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16



Tgt Ion: 43 Resp: 23898
Ion Ratio Lower Upper
43 100
61 22.3 18.2 27.4
87 14.4 12.5 18.7

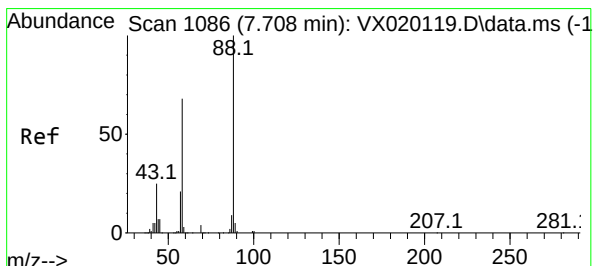
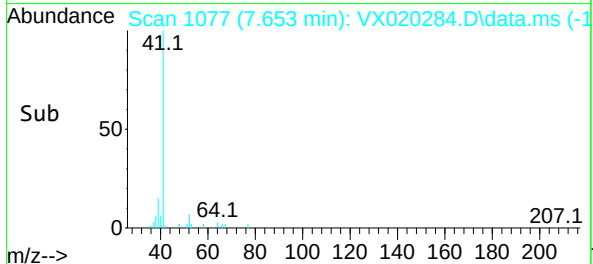
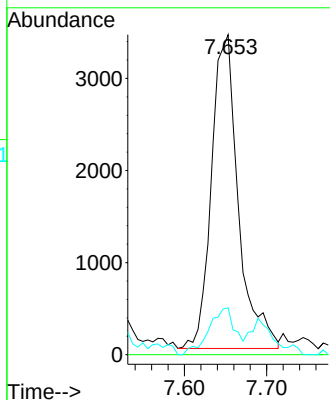
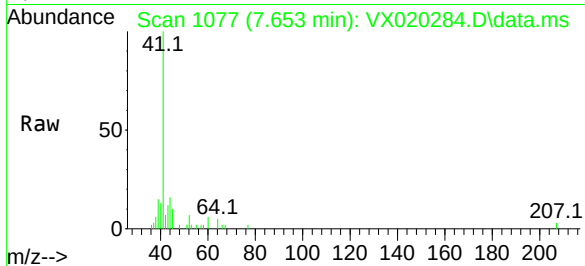




#48
Methyl methacrylate
Concen: 2.23 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.085 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

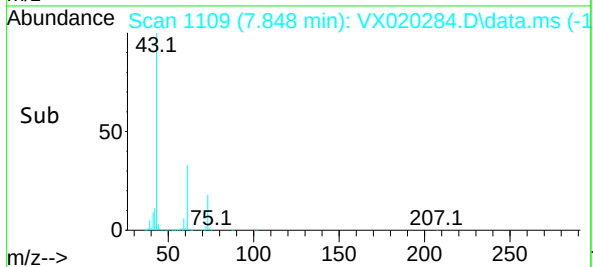
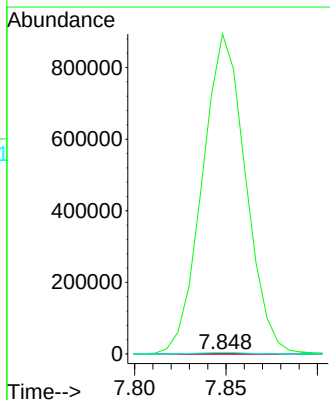
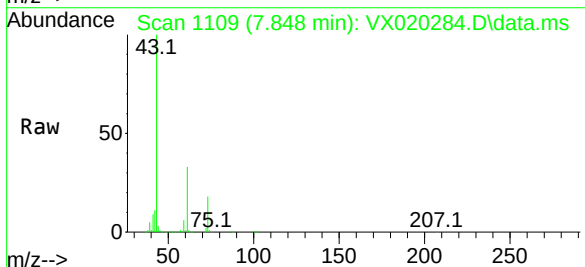
Instrument :
MSVOA_X
ClientSampled :

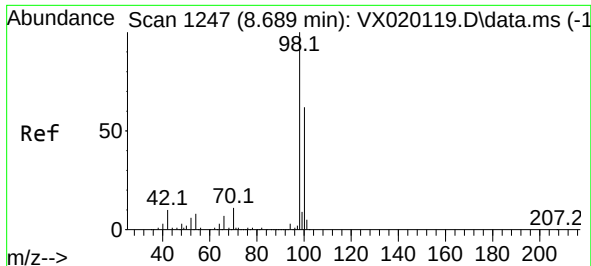
Tgt Ion: 41 Resp: 7752
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.06 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 595549.8 23.2 34.8#
58 3204.4 55.0 82.4#

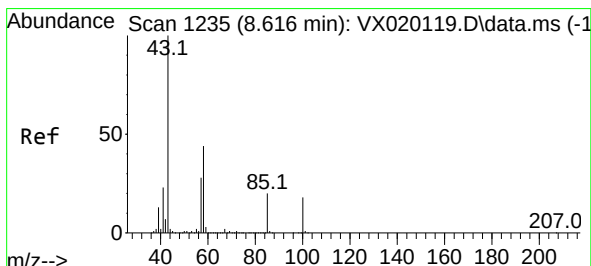
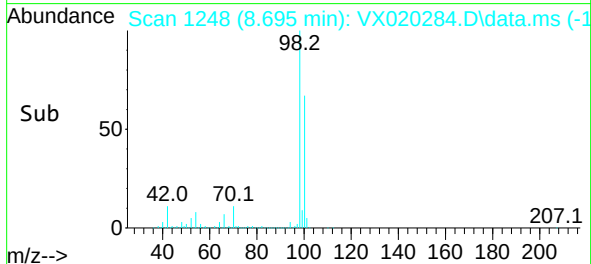
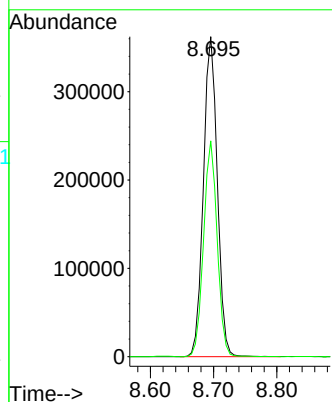
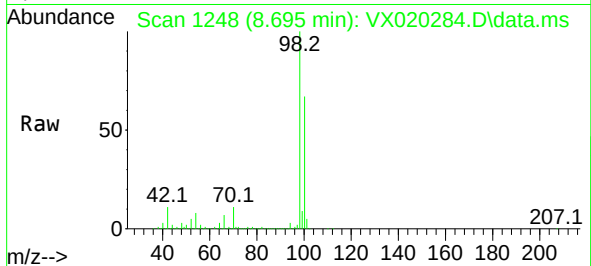




#50
Toluene-d8
Concen: 51.59 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

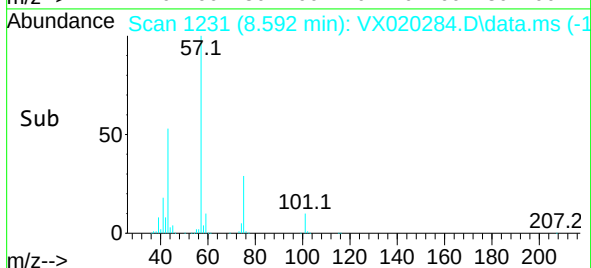
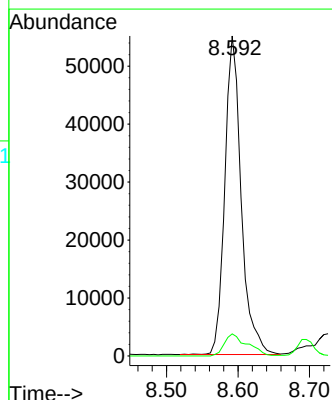
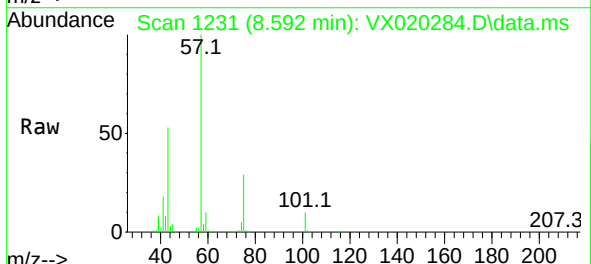
Instrument :
MSVOA_X
ClientSampled :

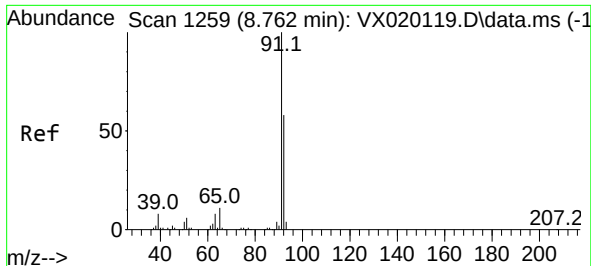
Tgt Ion: 98 Resp: 555989
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 19.95 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 43 Resp: 87626
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#

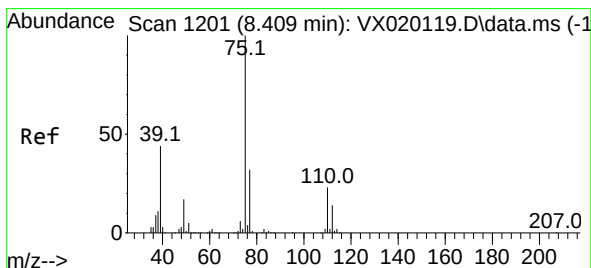
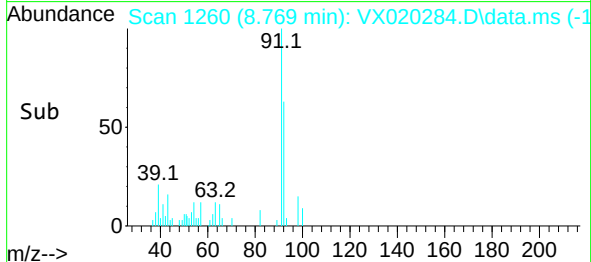
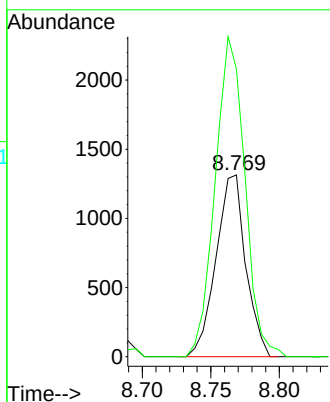
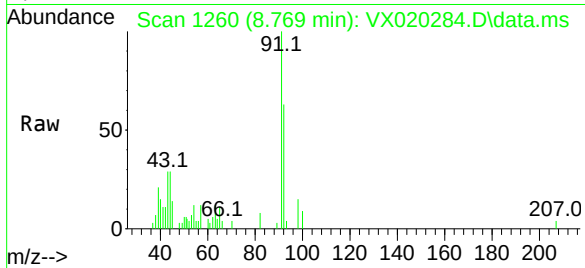




#52
Toluene
Concen: 0.24 ug/l
RT: 8.769 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

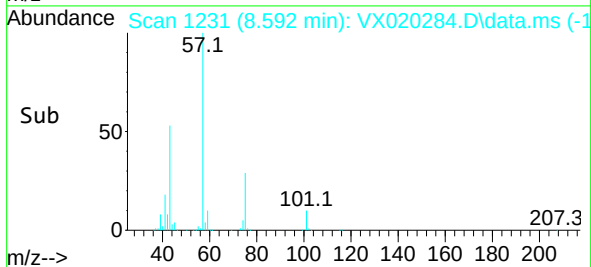
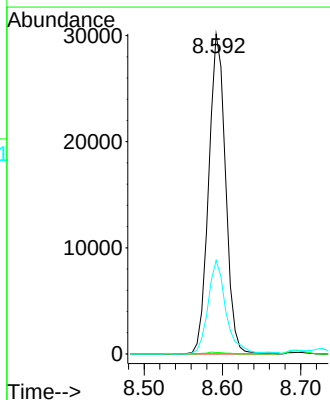
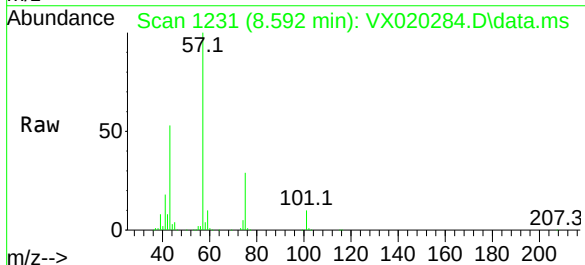
Instrument :
MSVOA_X
ClientSampled :

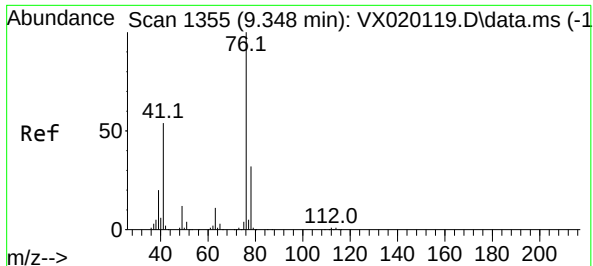
Tgt Ion: 92 Resp: 1983
Ion Ratio Lower Upper
92 100
91 176.0 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 8.39 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 75 Resp: 44988
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 29.3 35.1 52.7#

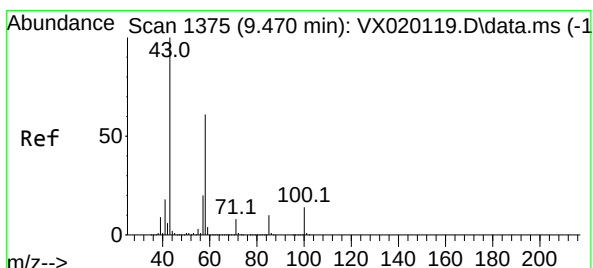
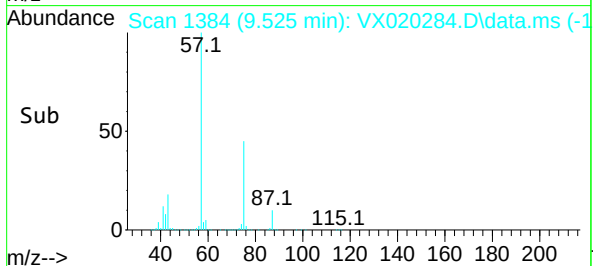
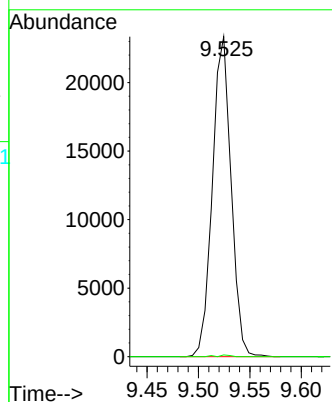
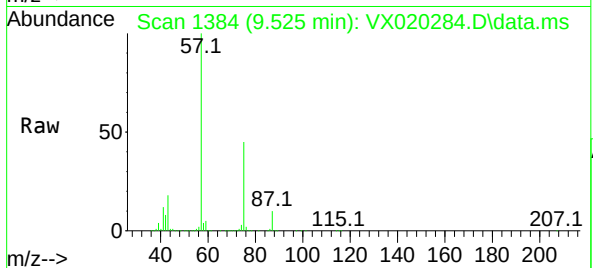




#57
1,3-Dichloropropane
Concen: 5.11 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

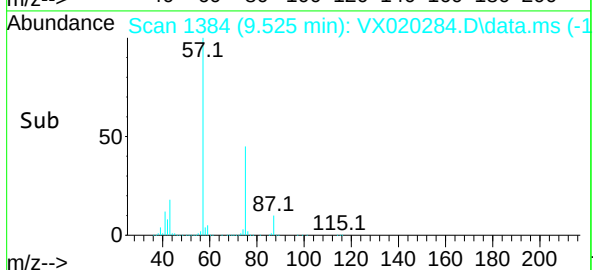
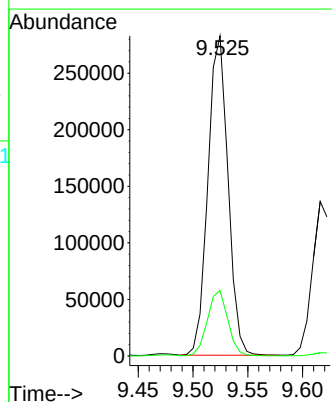
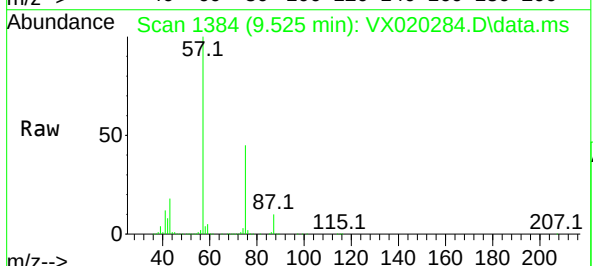
Instrument :
MSVOA_X
ClientSampled :

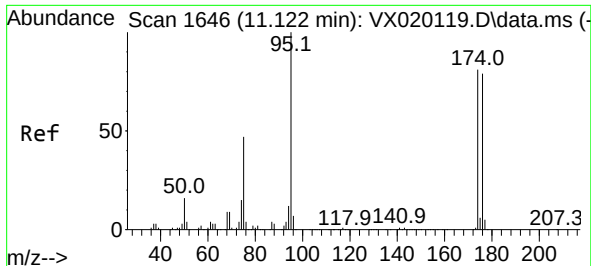
Tgt Ion: 76 Resp: 29475
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#



#59
2-Hexanone
Concen: 107.38 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 43 Resp: 359505
Ion Ratio Lower Upper
43 100
58 20.8 30.9 92.8#

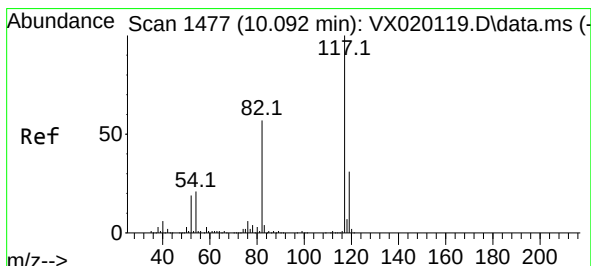
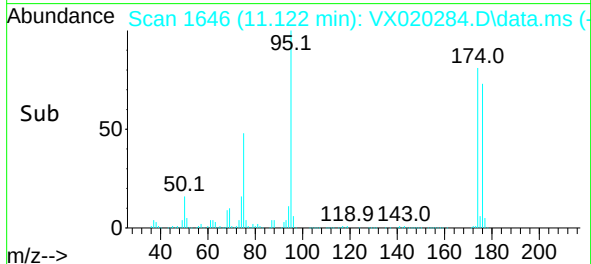
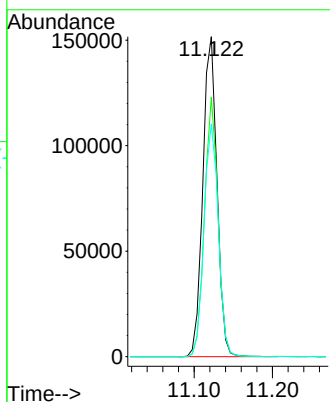
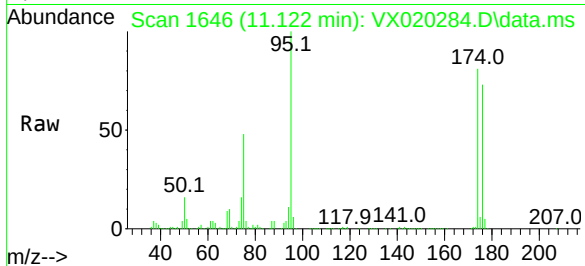




#62
4-Bromofluorobenzene
Concen: 46.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

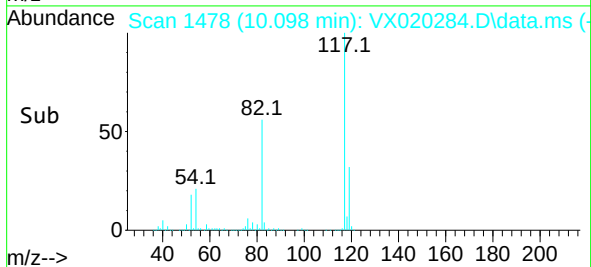
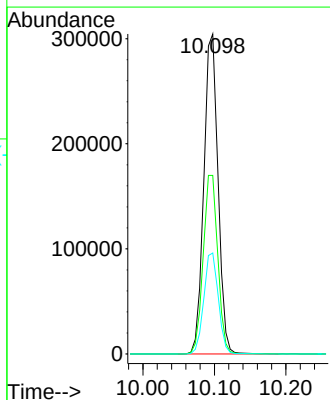
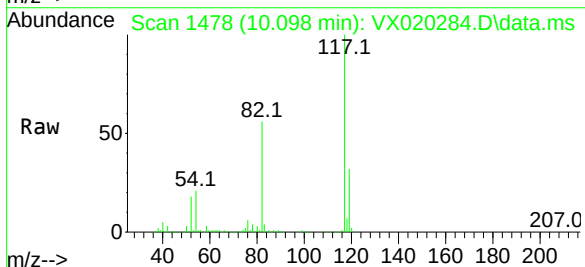
Instrument :
MSVOA_X
ClientSampleId :

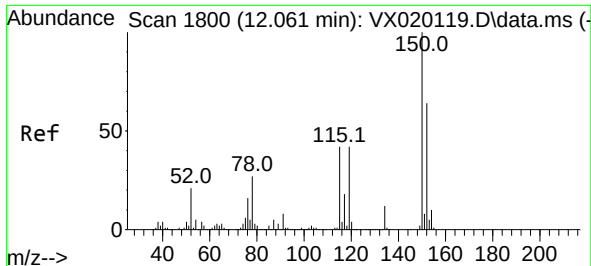
Tgt Ion: 95 Resp: 189815
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 117 Resp: 420411
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.5 26.6 39.8

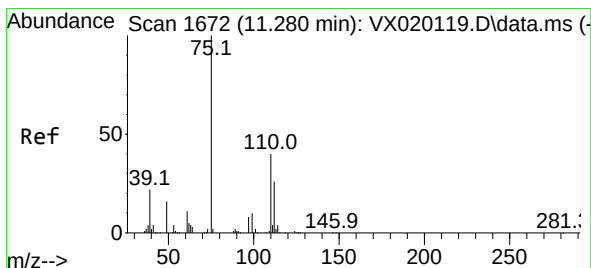
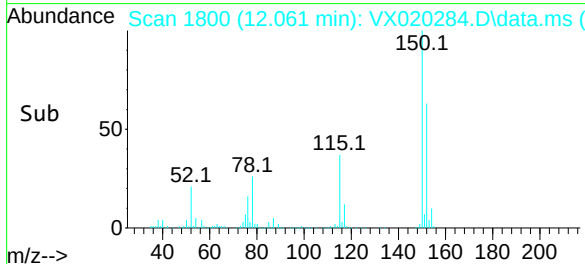
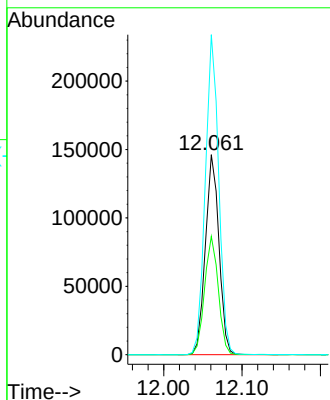
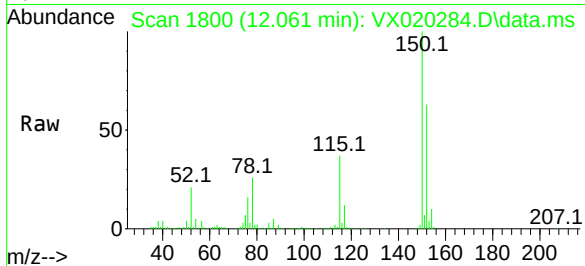




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

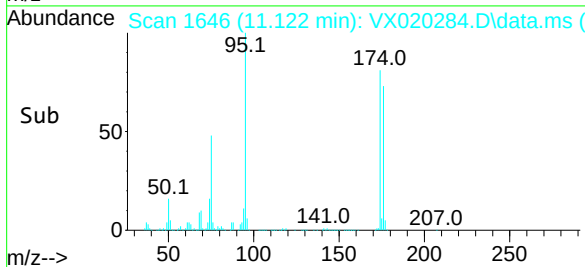
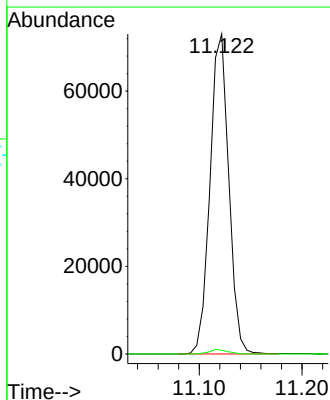
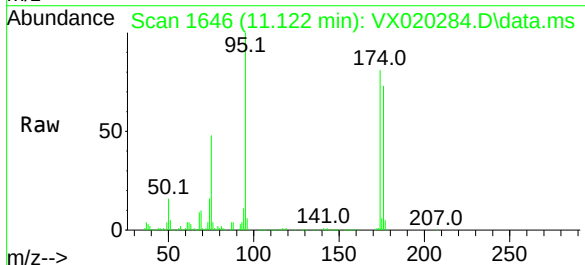
Instrument :
MSVOA_X
ClientSampled :

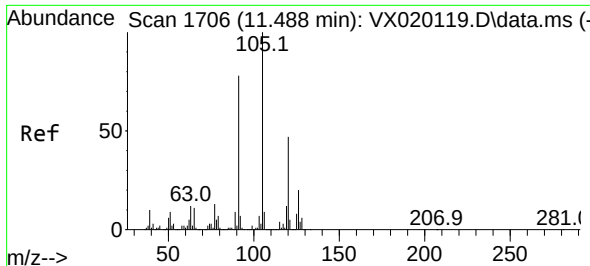
Tgt Ion:152 Resp: 175571
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 75 Resp: 92703
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

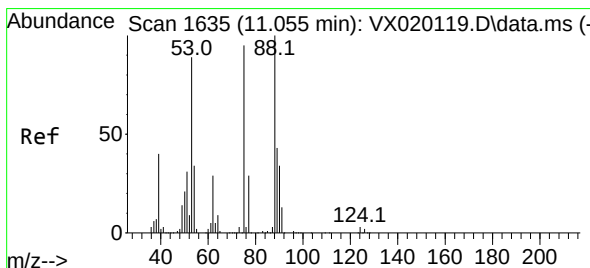
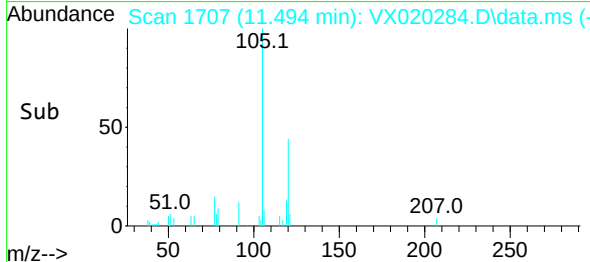
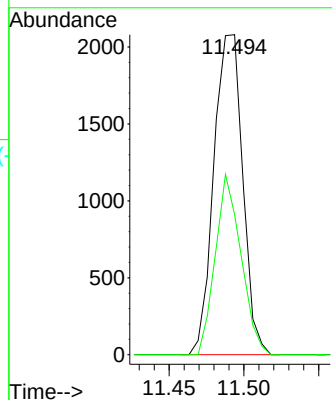
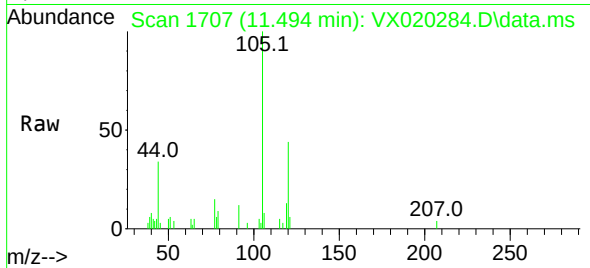




#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2797
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020284.D
Acq: 22 Dec 2020 05:16

Tgt Ion: 75 Resp: 92703
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

