

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020252.D
 Acq On : 21 Dec 2020 16:02
 Operator : JC/MD
 Sample : L5145-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:34:18 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)

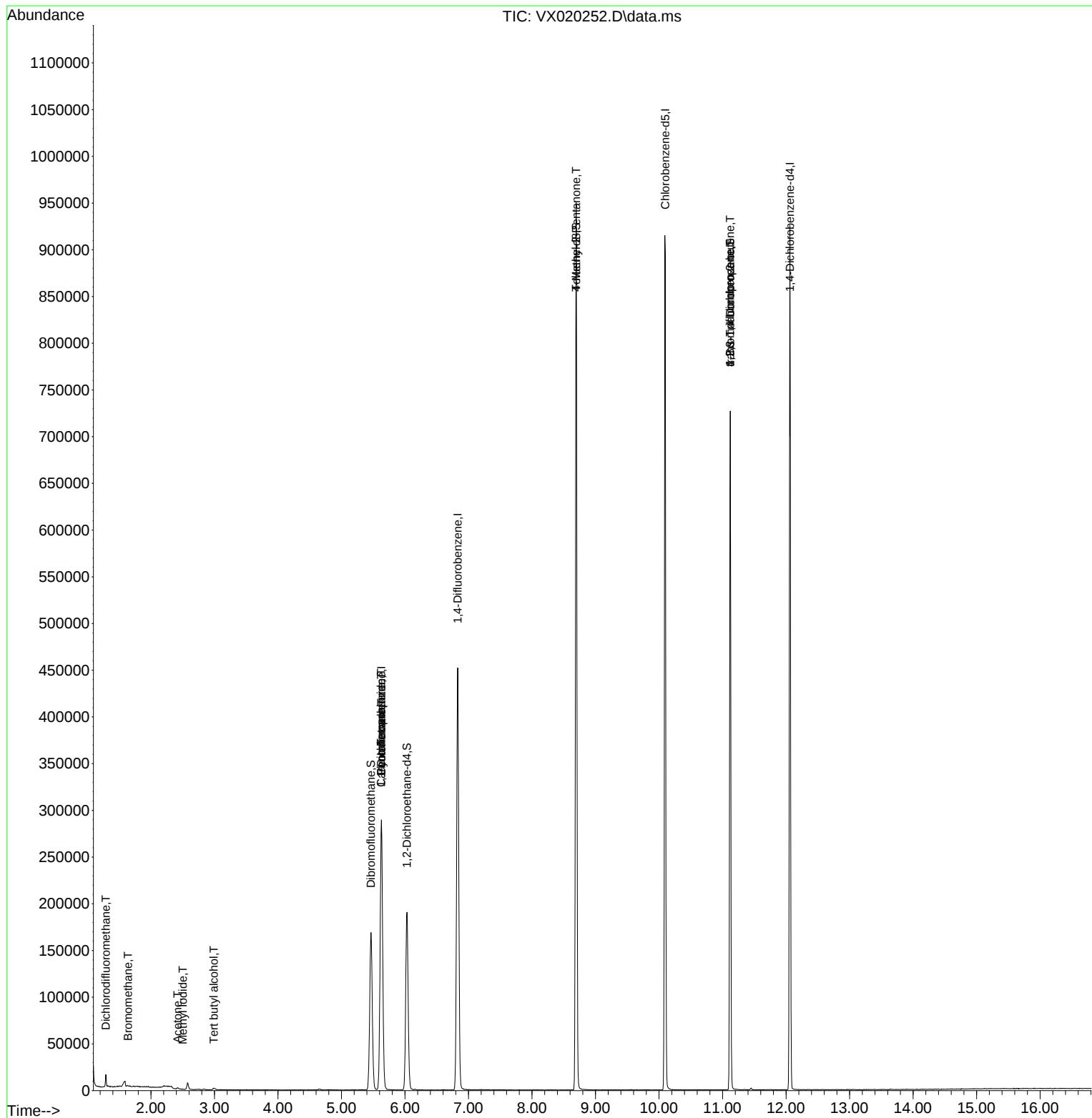
Internal Standards						
1) Pentafluorobenzene	5.629	168	273801	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	451660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	429157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	186165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	182132	49.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.26%		
35) Dibromofluoromethane	5.464	113	147124	50.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.84%		
50) Toluene-d8	8.695	98	557949	50.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.34%		
62) 4-Bromofluorobenzene	11.122	95	201159	47.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.52%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.288	85	974	0.33	ug/l	99
5) Bromomethane	1.636	94	424	0.35	ug/l #	71
10) Methyl Iodide	2.501	142	148	3.32	ug/l #	42
11) Tert butyl alcohol	2.989	59	1213	1.48	ug/l #	73
16) Acetone	2.416	43	1573	0.94	ug/l #	83
31) Cyclohexane	5.629	56	5614	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20785	4.66	ug/l #	49
38) Carbon Tetrachloride	5.623	117	26901	6.34	ug/l #	18
51) 4-Methyl-2-Pentanone	8.695	43	2341	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	97261	21.21	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97261	62.92	ug/l #	12

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

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Instrument :
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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

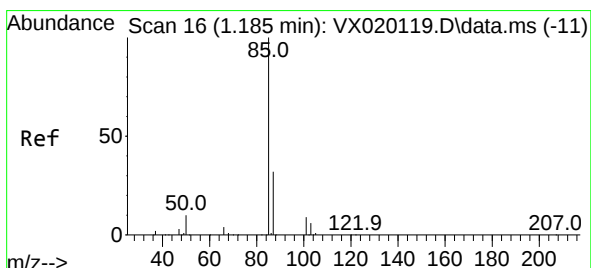
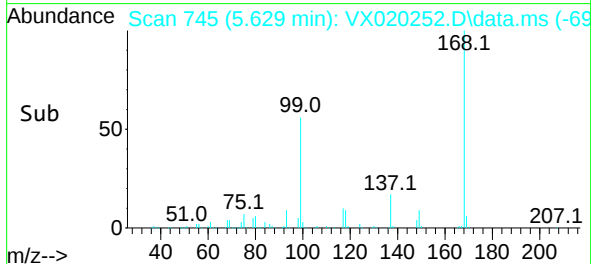
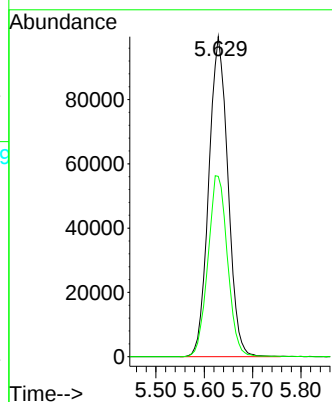
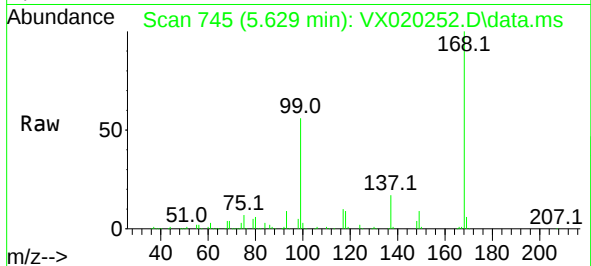




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

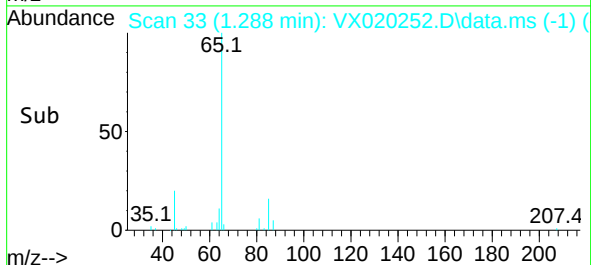
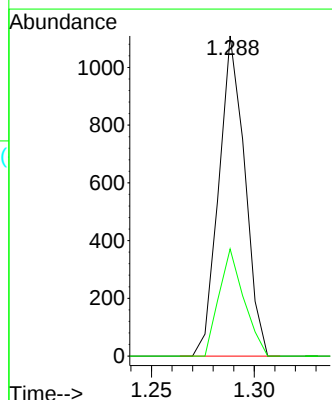
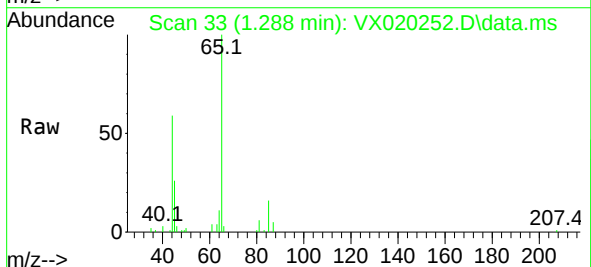
Instrument :
MSVOA_X
ClientSampled :

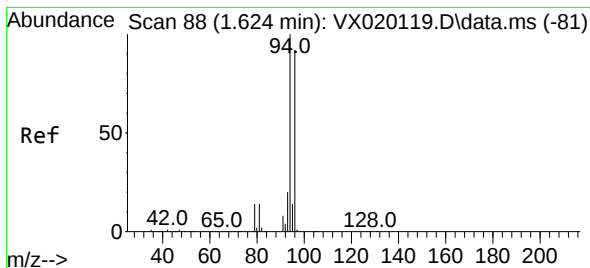
Tgt Ion:168 Resp: 273801
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.33 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.103 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Tgt Ion: 85 Resp: 974
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.2

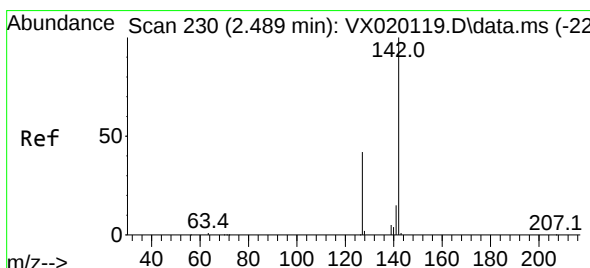
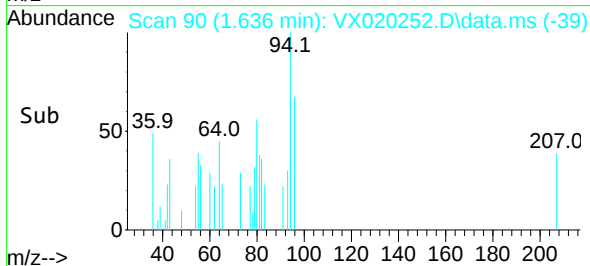
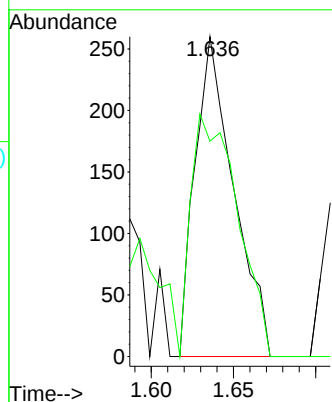
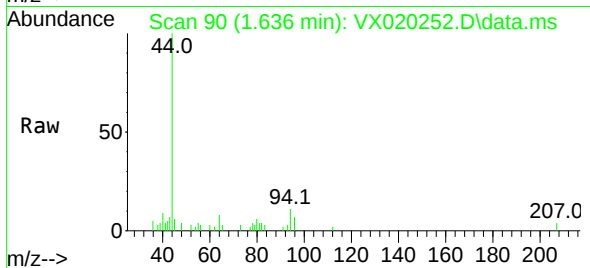




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

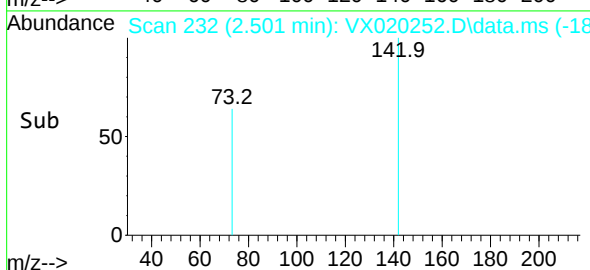
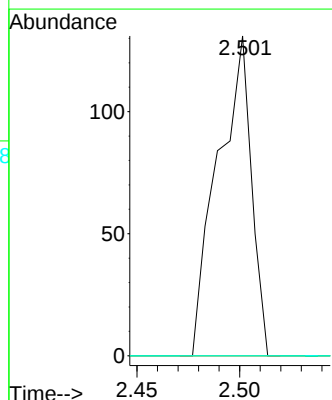
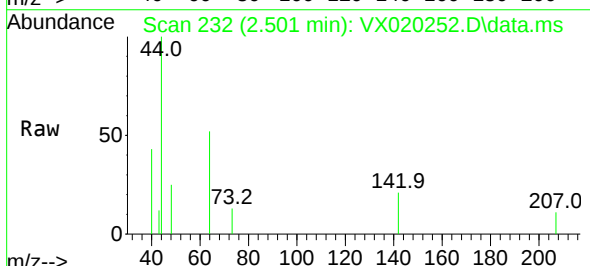
Instrument :
MSVOA_X
ClientSampleId :

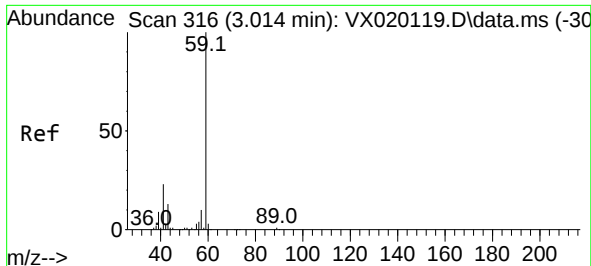
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 67.3 76.4 114.6#



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Tgt Ion:142 Resp: 148
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

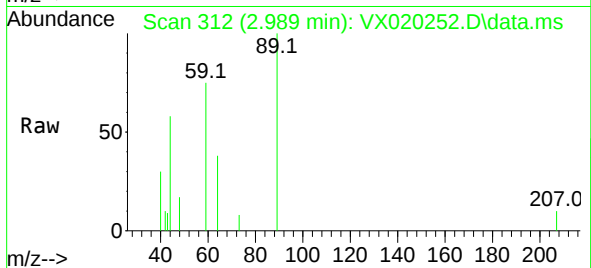




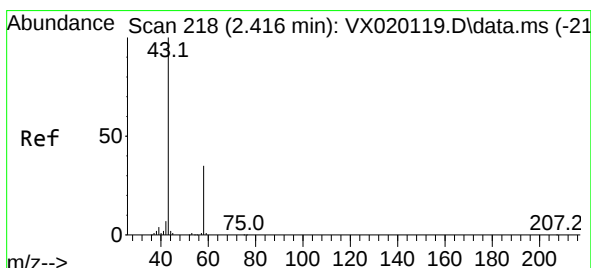
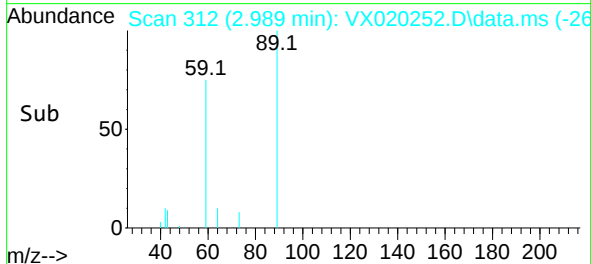
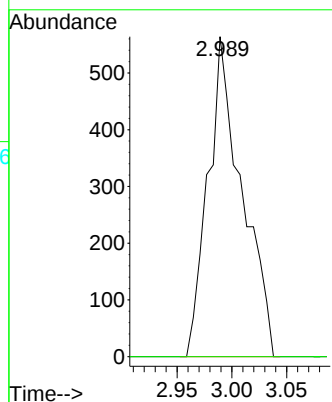
#11

Tert butyl alcohol
Concen: 1.48 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :

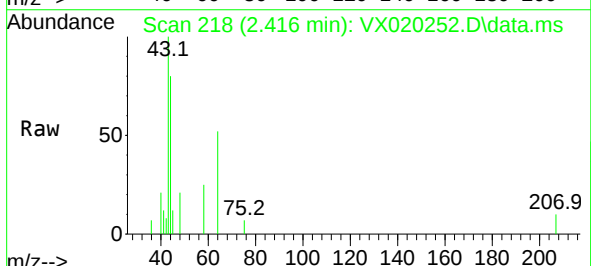


Tgt Ion: 59 Resp: 1213
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

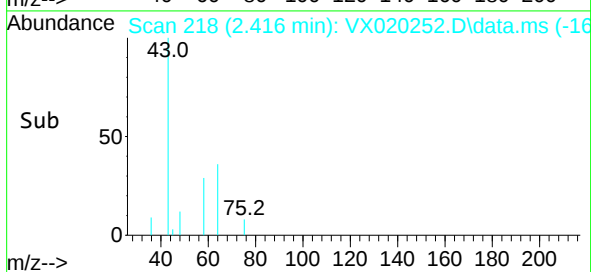
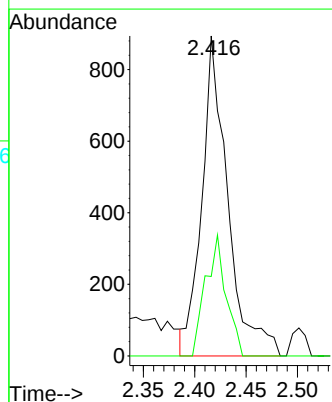


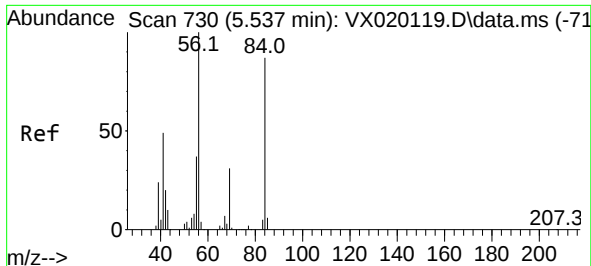
#16

Acetone
Concen: 0.94 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02



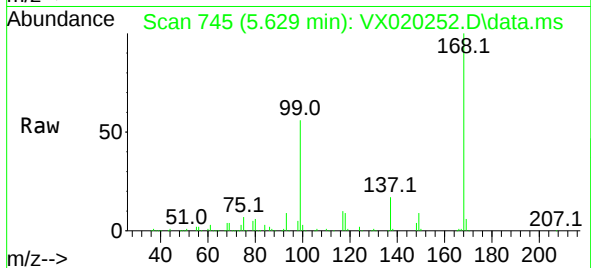
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 24.8 27.8 41.8#



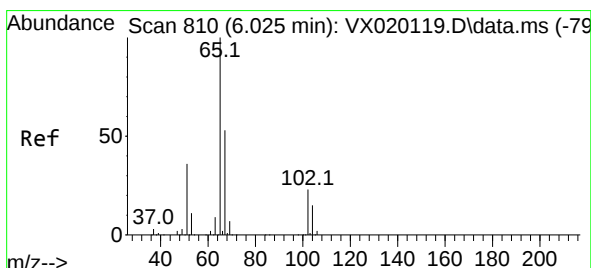
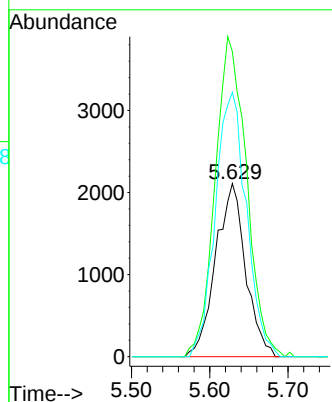
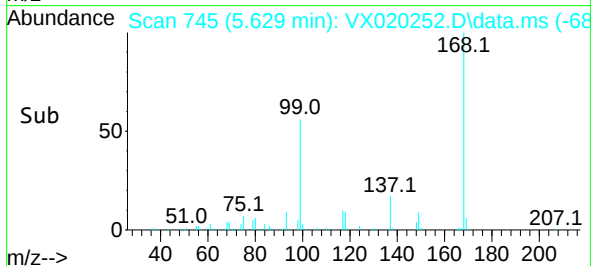


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

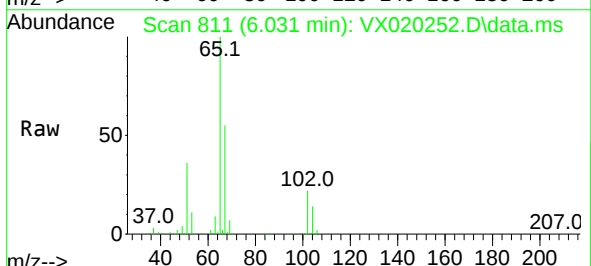
Instrument :
MSVOA_X
ClientSampleId :



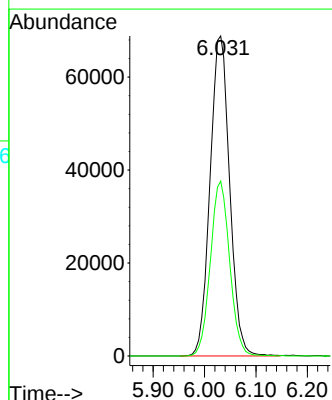
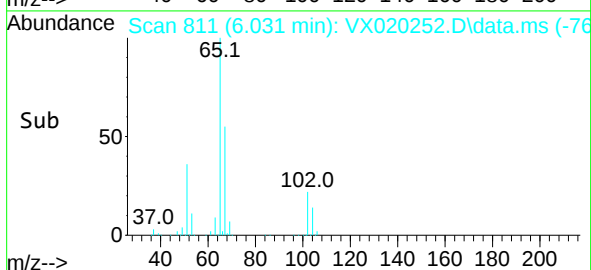
Tgt Ion:	56	Resp:	5614
Ion Ratio	Lower	Upper	
56	100		
69	176.2	25.3	37.9#
84	152.6	71.4	107.0#

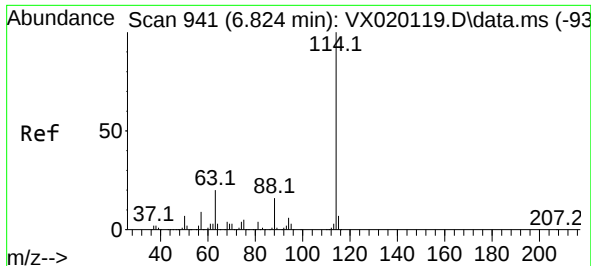


#33
1,2-Dichloroethane-d4
Concen: 49.63 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02



Tgt Ion:	65	Resp:	182132
Ion Ratio	Lower	Upper	
65	100		
67	53.7	0.0	105.4

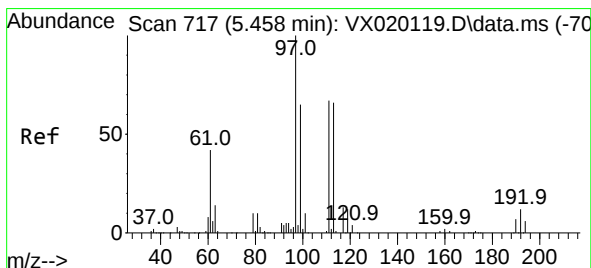
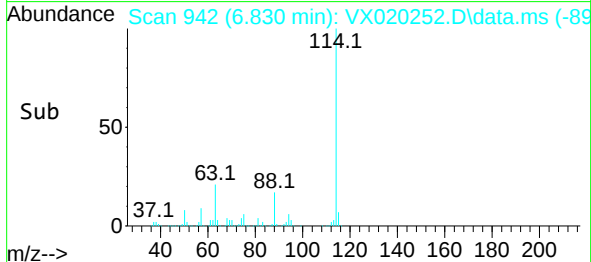
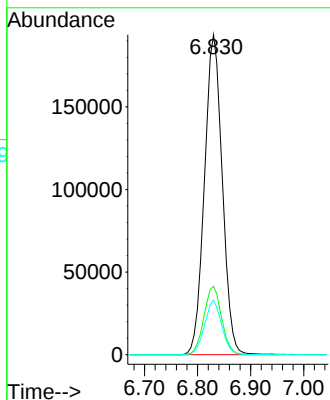
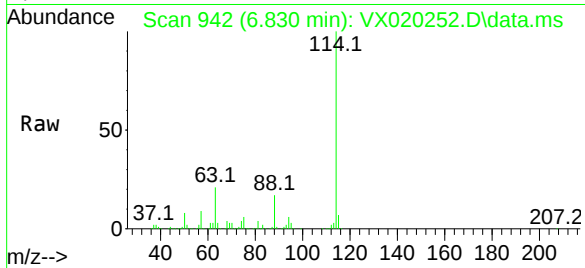




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

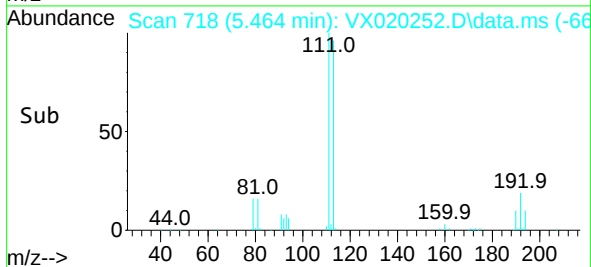
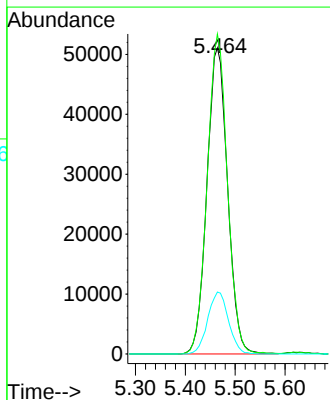
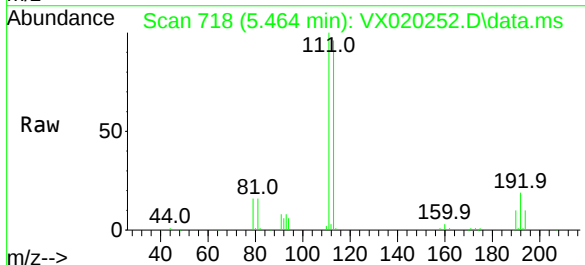
Instrument :
MSVOA_X
ClientSampleId :

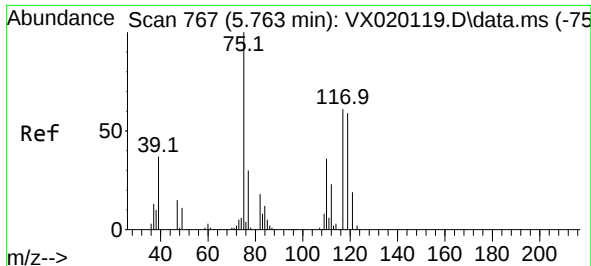
Tgt Ion:114 Resp: 451660
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.92 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Tgt Ion:113 Resp: 147124
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.3 16.7 25.1

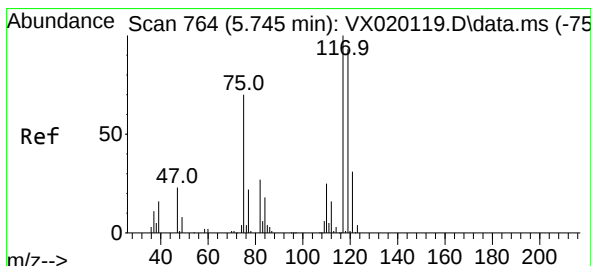
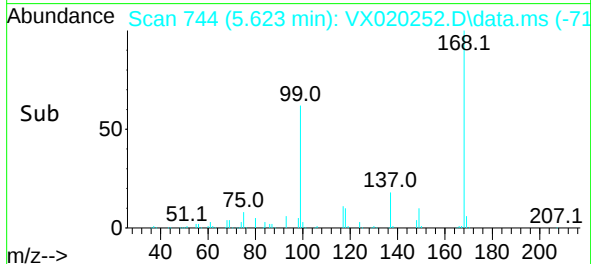
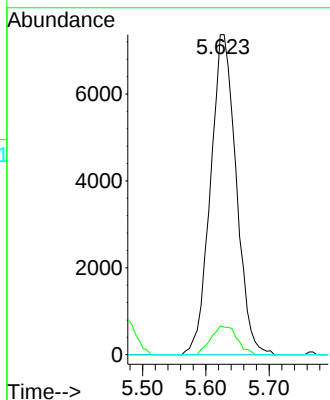
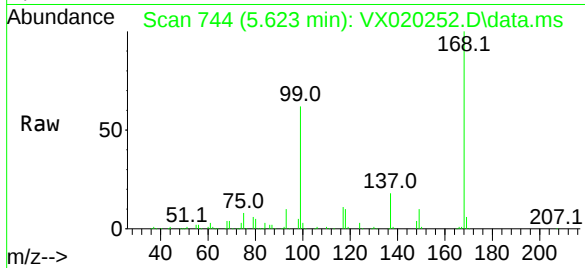




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

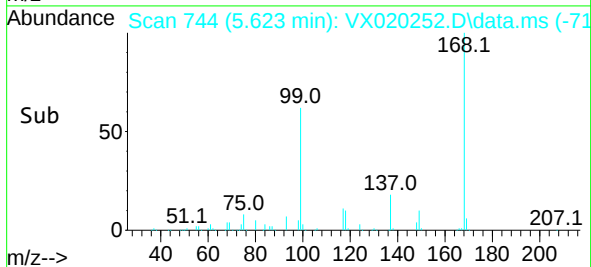
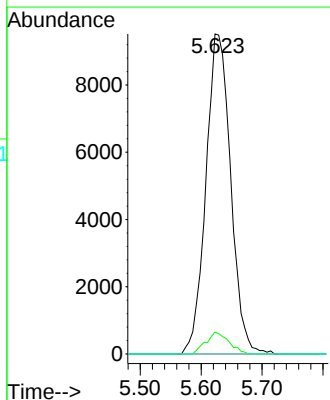
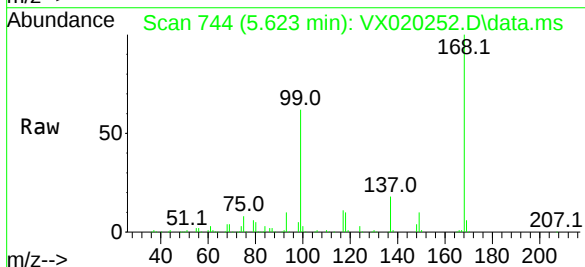
Instrument :
MSVOA_X
ClientSampled :

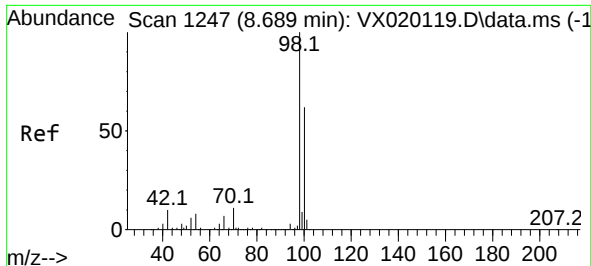
Tgt Ion: 75 Resp: 20785
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Tgt Ion: 117 Resp: 26901
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#

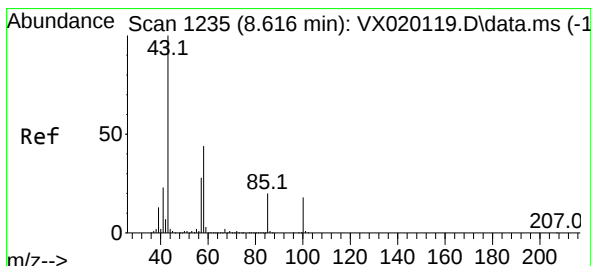
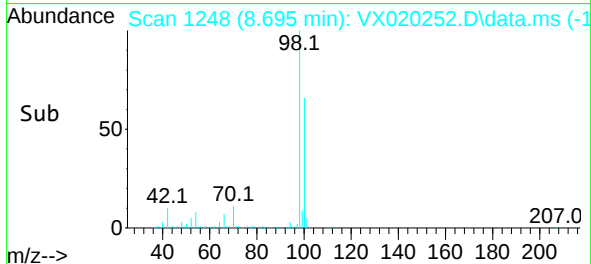
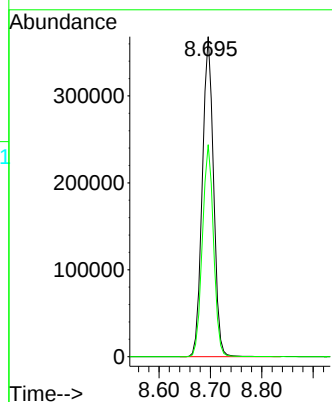
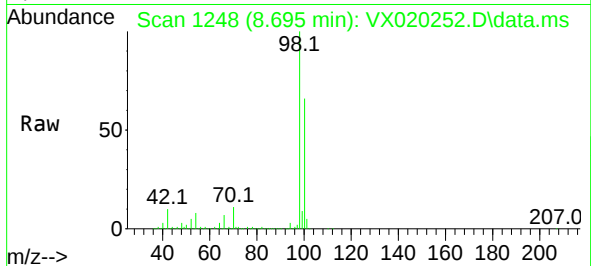




#50
Toluene-d8
Concen: 50.17 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

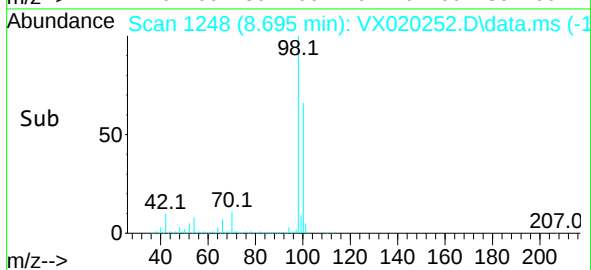
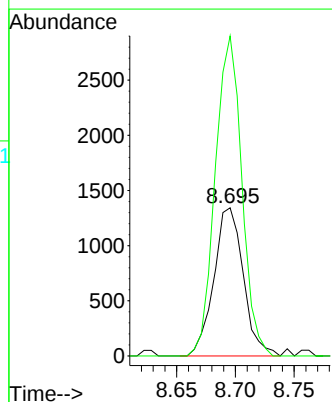
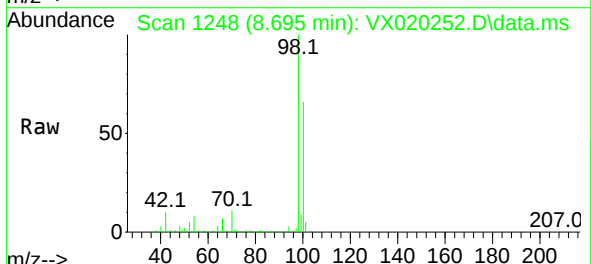
Instrument :
MSVOA_X
ClientSampled :

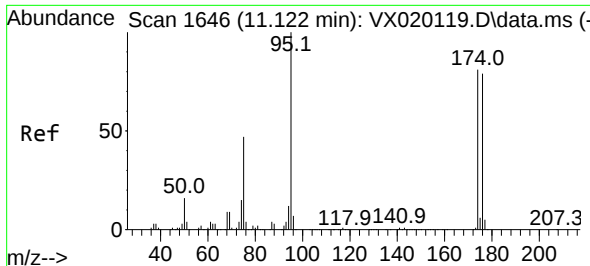
Tgt Ion: 98 Resp: 557949
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
58 195.1 35.4 53.0#

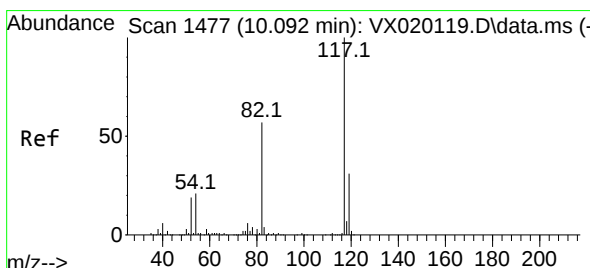
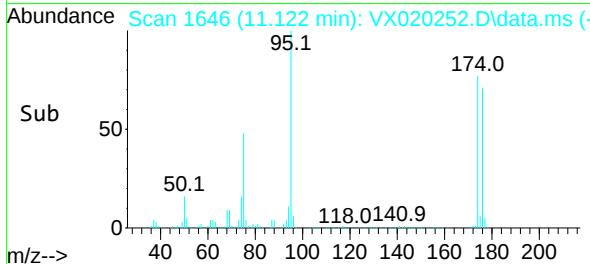
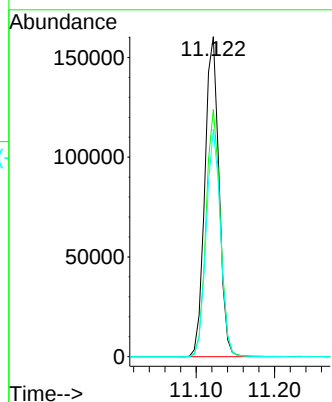
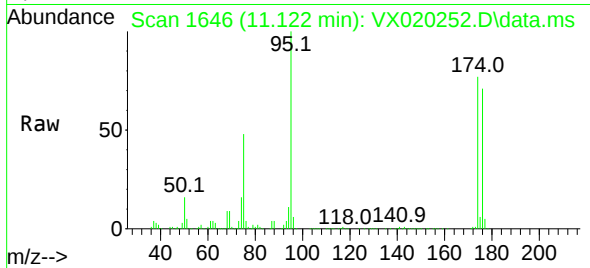




#62
4-Bromofluorobenzene
Concen: 47.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

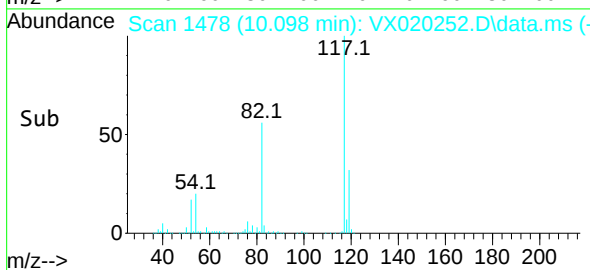
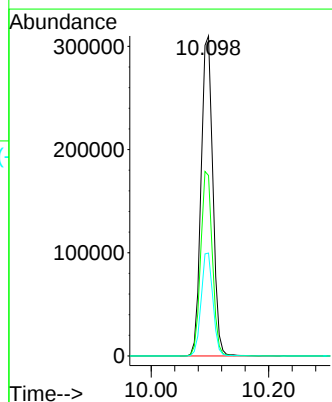
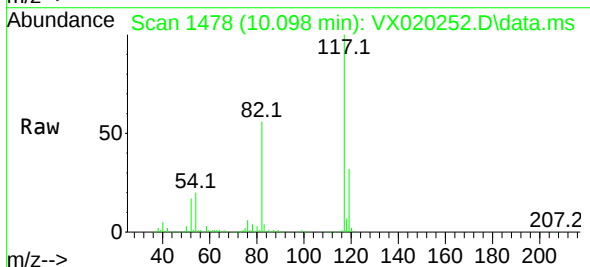
Instrument :
MSVOA_X
ClientSampleId :

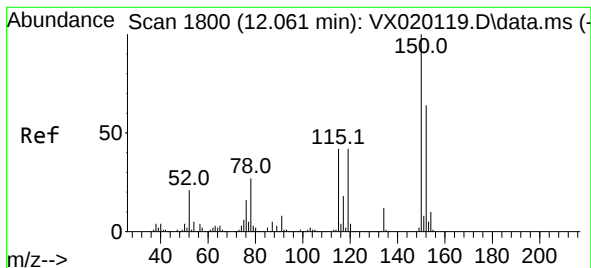
Tgt Ion: 95 Resp: 201159
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 71.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020252.D
Acq: 21 Dec 2020 16:02

Tgt Ion: 117 Resp: 429157
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.2 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: VX020252.D

Acq: 21 Dec 2020 16:02

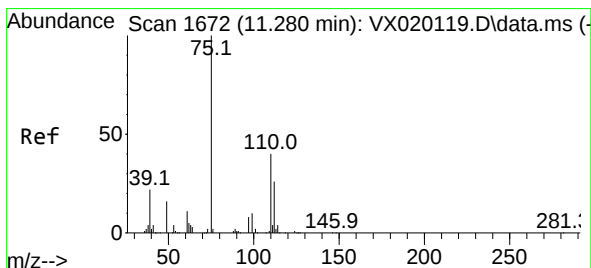
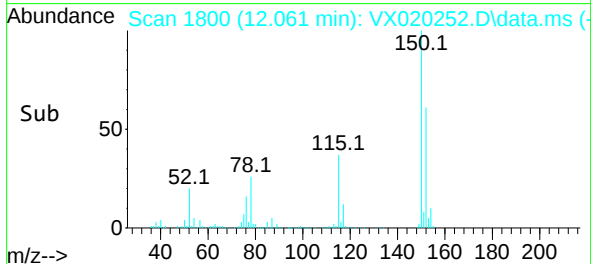
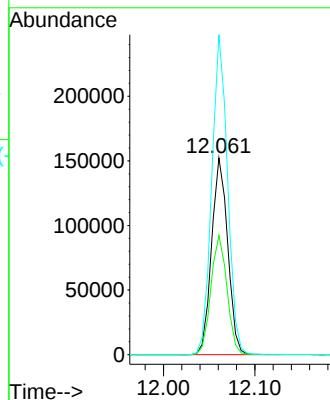
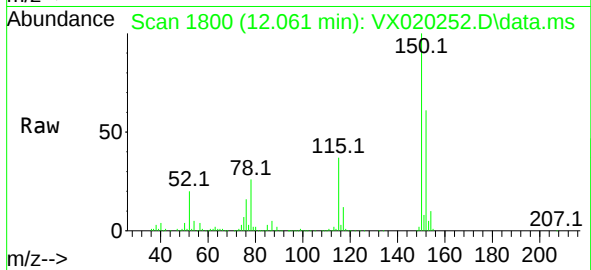
Tgt Ion:152 Resp: 186165

Ion Ratio Lower Upper

152 100

115 60.4 41.1 123.3

150 159.5 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 21.21 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX020252.D

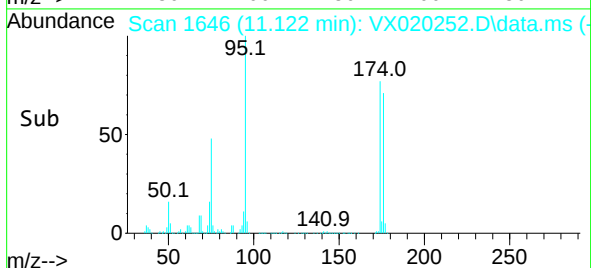
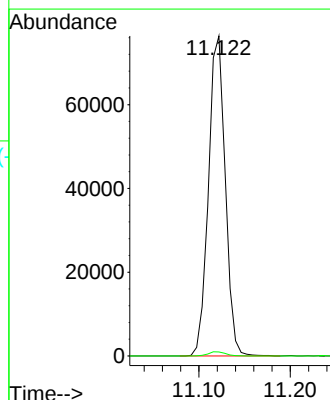
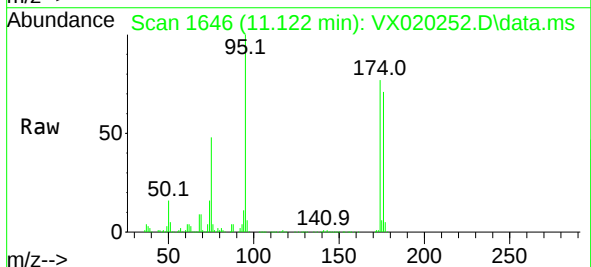
Acq: 21 Dec 2020 16:02

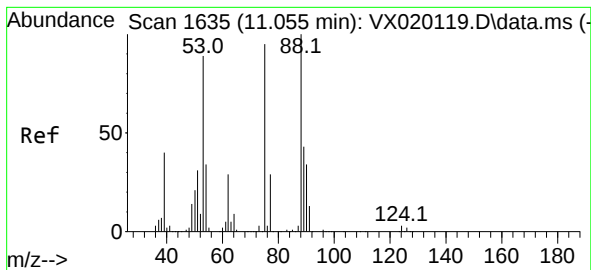
Tgt Ion: 75 Resp: 97261

Ion Ratio Lower Upper

75 100

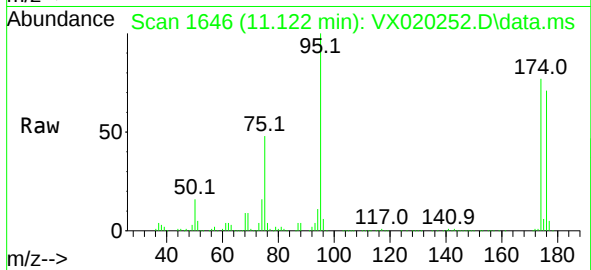
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.92 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020252.D
 Acq: 21 Dec 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 97261
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

