

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020255.D
 Acq On : 21 Dec 2020 17:13
 Operator : JC/MD
 Sample : L5146-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:35:05 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)

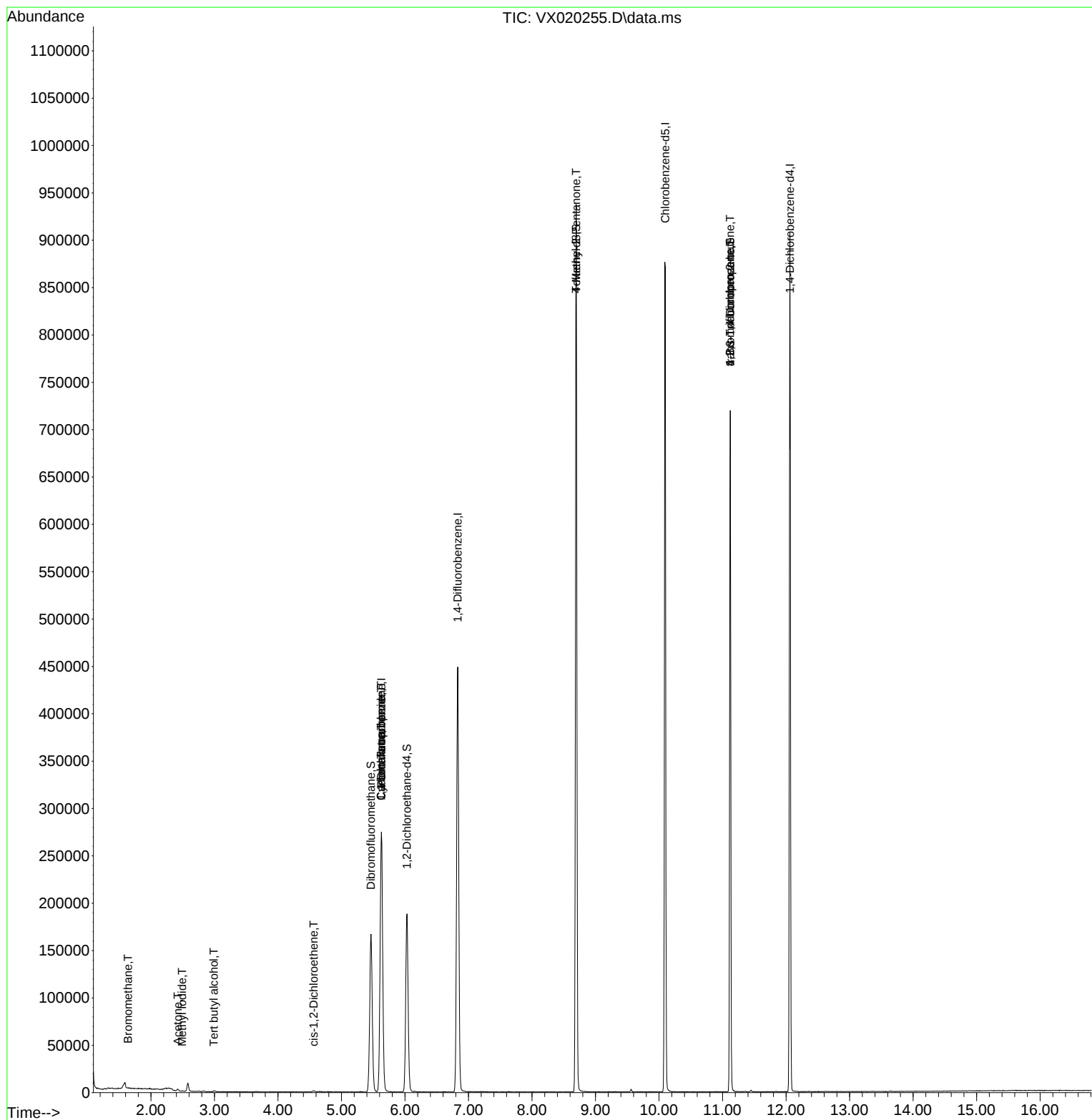
Internal Standards						
1) Pentafluorobenzene	5.629	168	262941	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	448995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	420759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	181444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	179380	50.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.78%
35) Dibromofluoromethane	5.464	113	144095	50.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.34%
50) Toluene-d8	8.695	98	548811	49.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.28%
62) 4-Bromofluorobenzene	11.122	95	192411	45.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.94%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	476	0.41	ug/l #	61
10) Methyl Iodide	2.489	142	21	3.29	ug/l #	42
11) Tert butyl alcohol	2.989	59	807	1.02	ug/l #	73
16) Acetone	2.422	43	2140	1.33	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	810	0.22	ug/l	90
31) Cyclohexane	5.623	56	5437	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20997	4.73	ug/l #	48
38) Carbon Tetrachloride	5.623	117	26280	6.23	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	2252	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	92984	20.80	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	92984	61.72	ug/l #	12

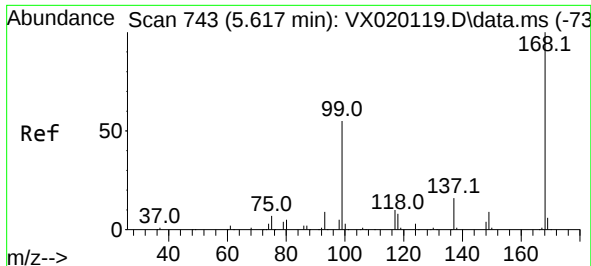
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

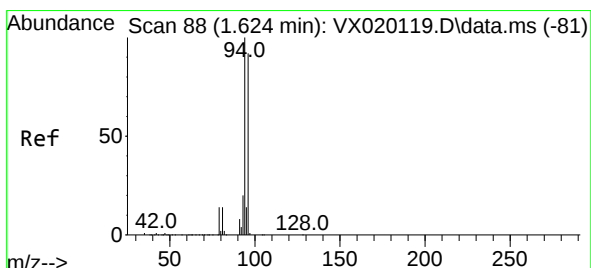
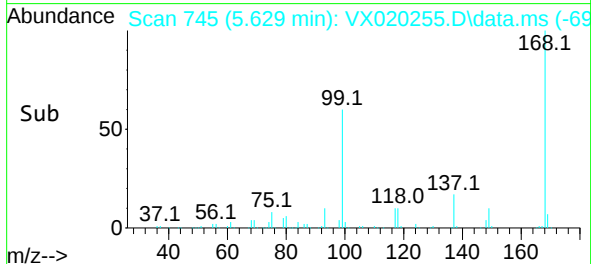
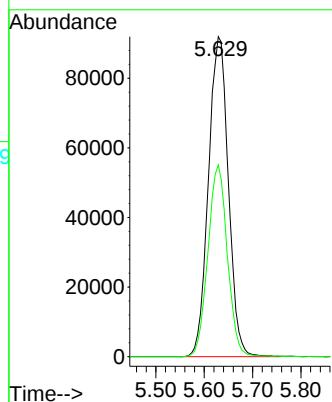
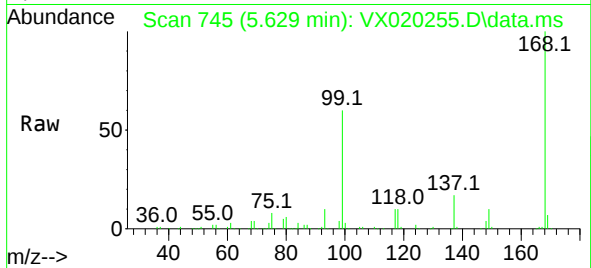




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

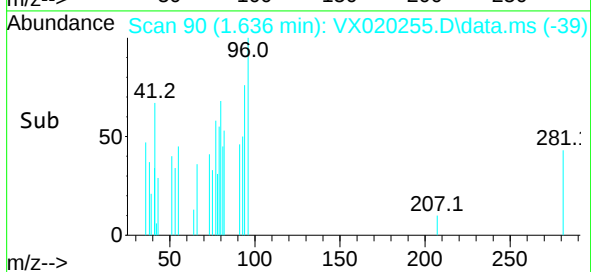
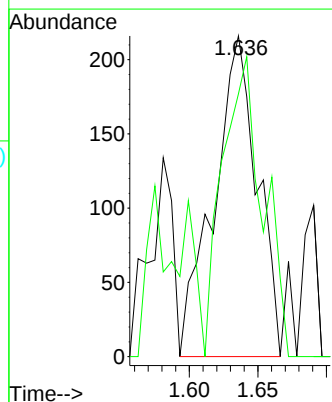
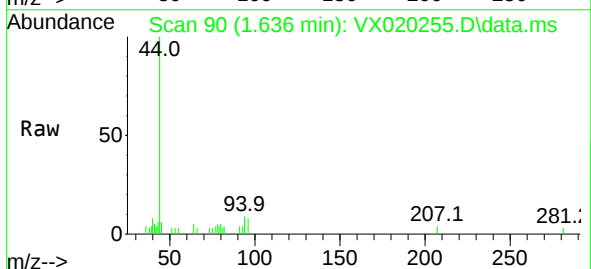
Instrument :
MSVOA_X
ClientSampleId :

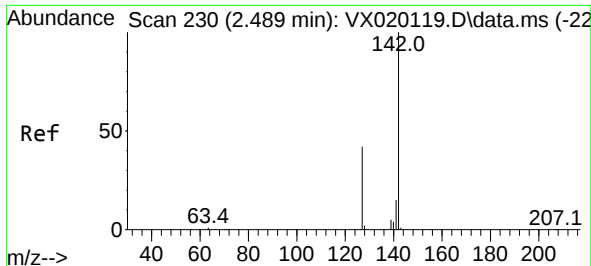
Tgt Ion:168 Resp: 262941
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

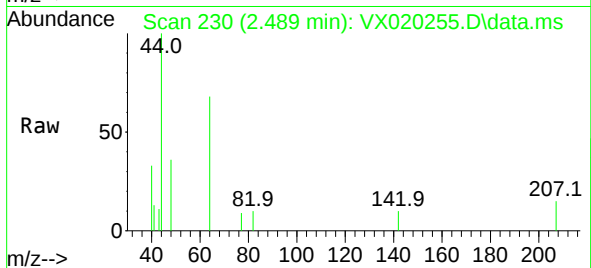
Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 57.4 76.4 114.6#



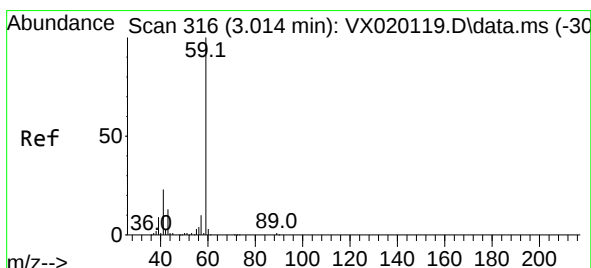
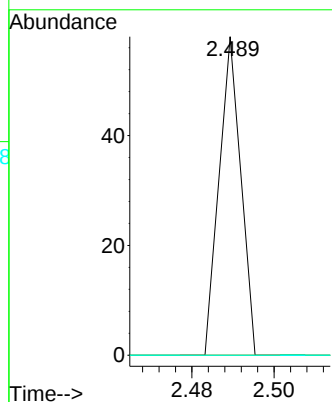
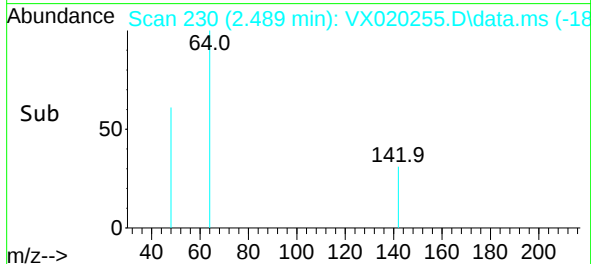


#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

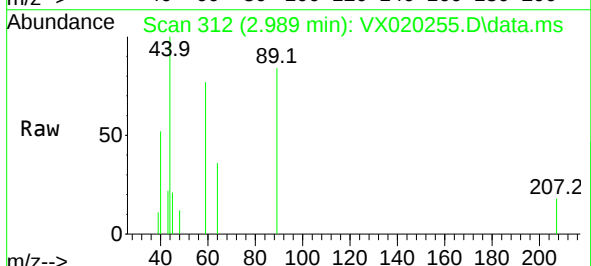
Instrument :
MSVOA_X
ClientSampled :



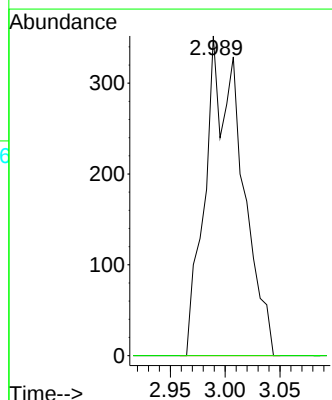
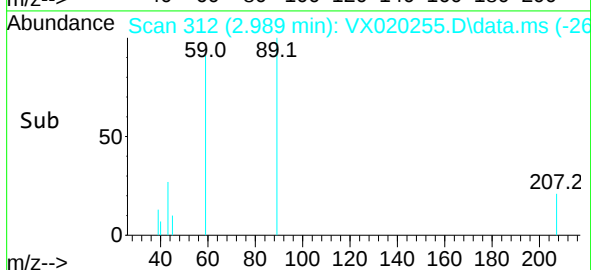
Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.02 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13



Tgt Ion: 59 Resp: 807
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

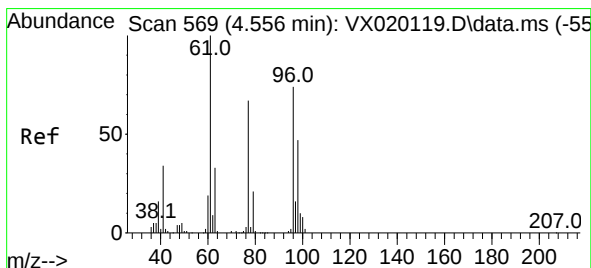
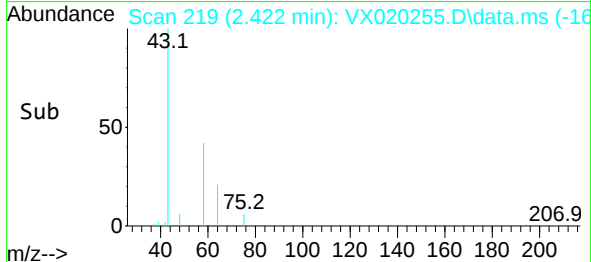
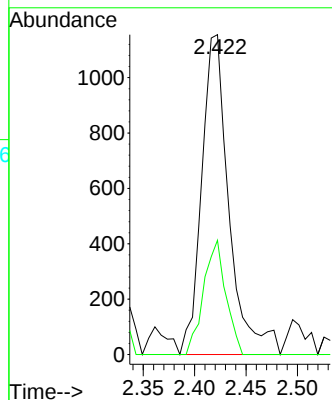
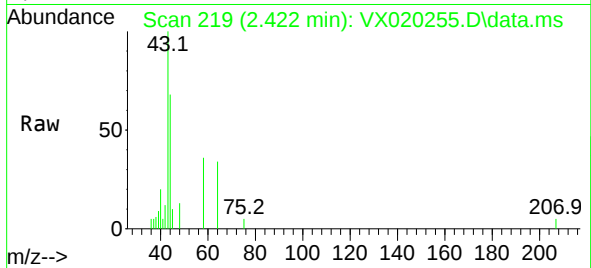




#16
Acetone
Concen: 1.33 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

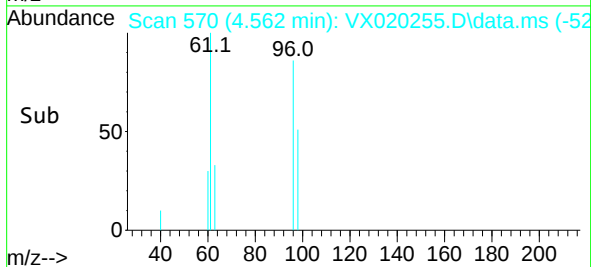
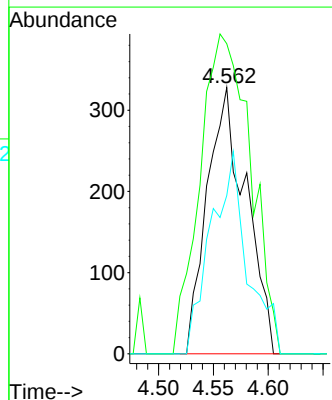
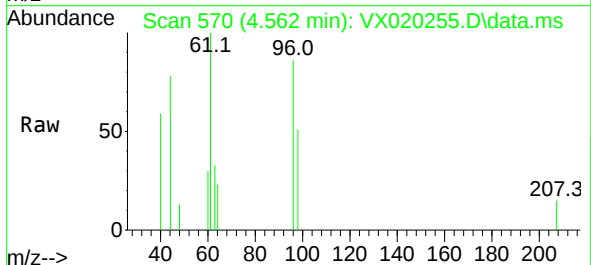
Instrument :
MSVOA_X
ClientSampled :

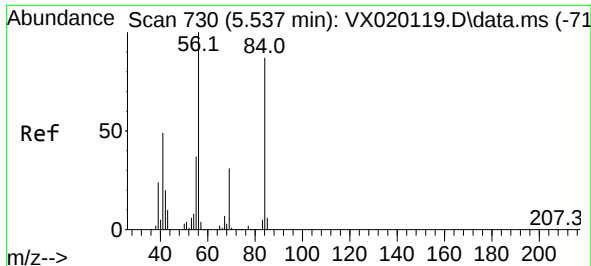
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8



#27
cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

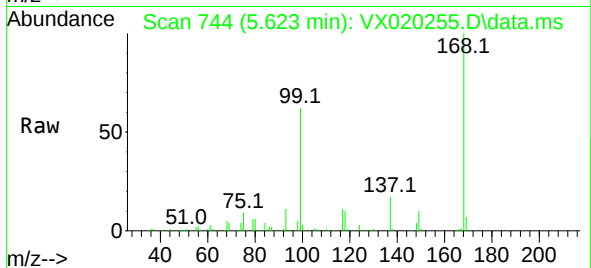
Tgt Ion: 96 Resp: 810
Ion Ratio Lower Upper
96 100
61 156.8 0.0 285.6
98 71.4 0.0 129.6



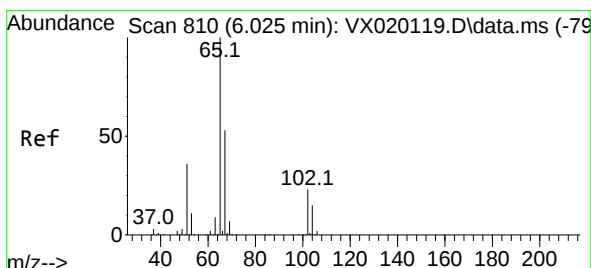
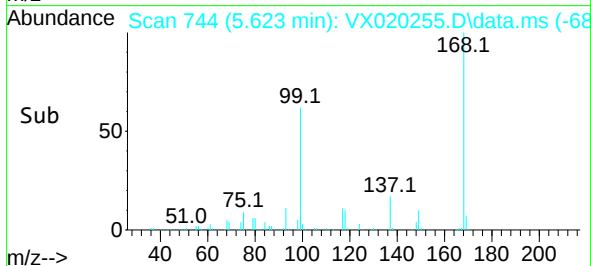
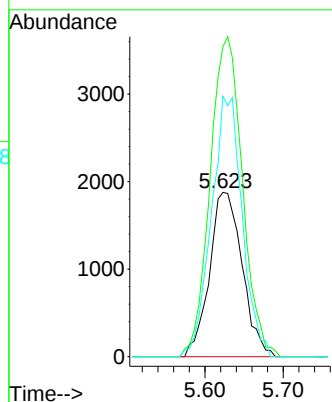


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :

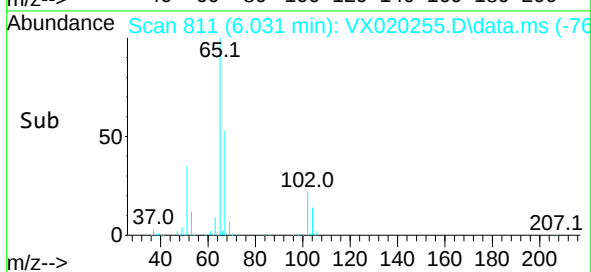
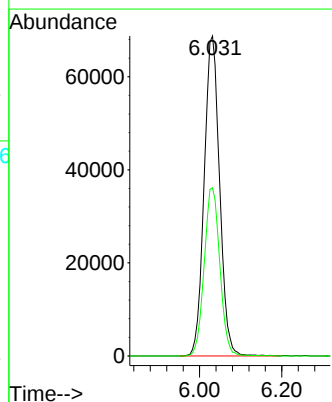
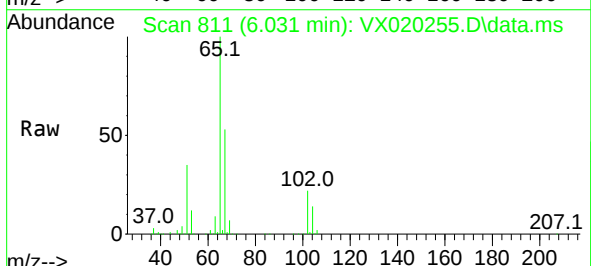


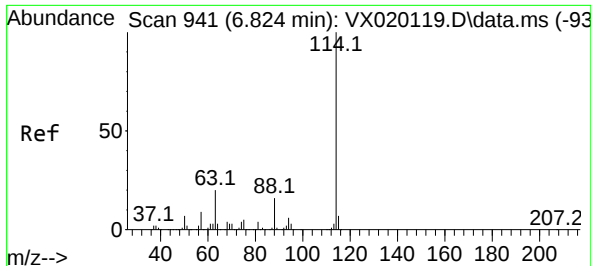
Tgt Ion: 56 Resp: 5437
Ion Ratio Lower Upper
56 100
69 188.6 25.3 37.9#
84 158.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.89 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

Tgt Ion: 65 Resp: 179380
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

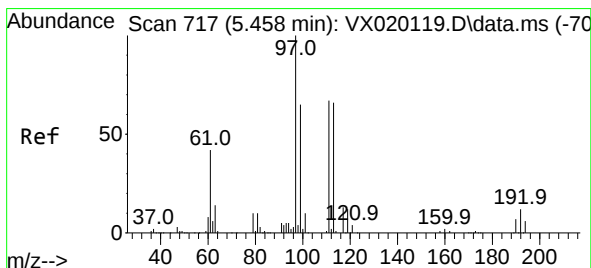
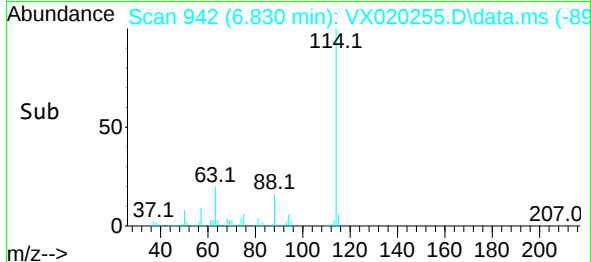
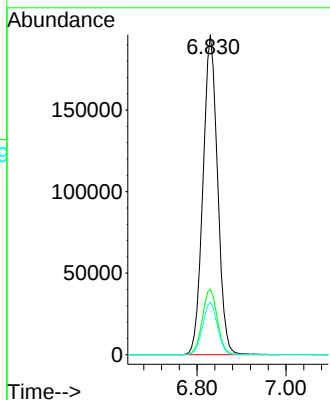
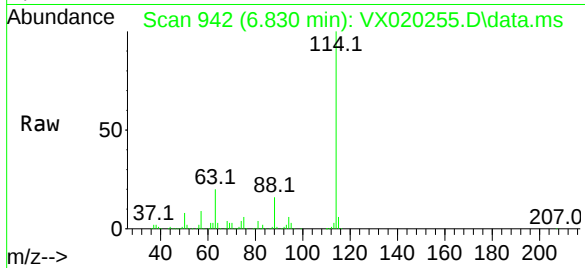




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

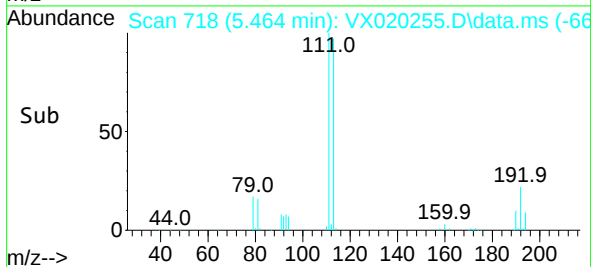
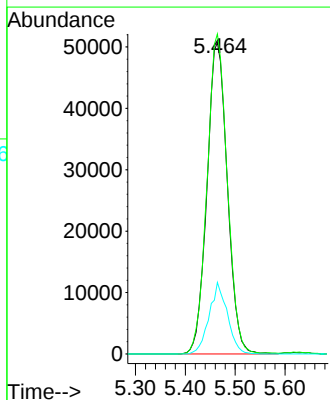
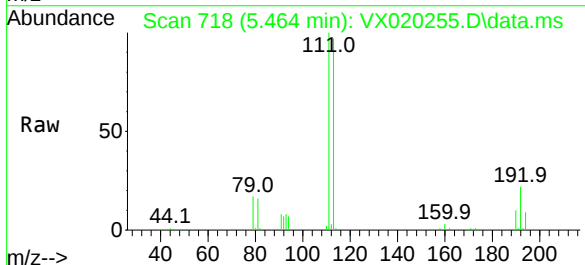
Instrument :
MSVOA_X
ClientSampleId :

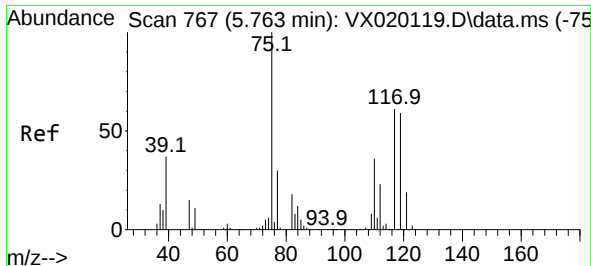
Tgt Ion:114 Resp: 448995
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

Tgt Ion:113 Resp: 144095
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.6 16.7 25.1

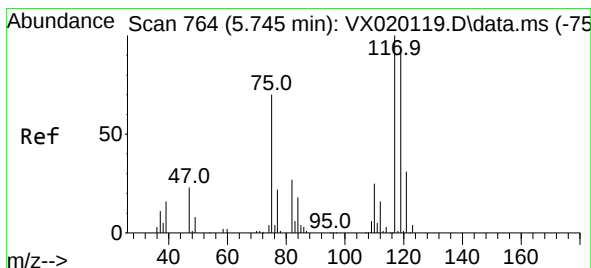
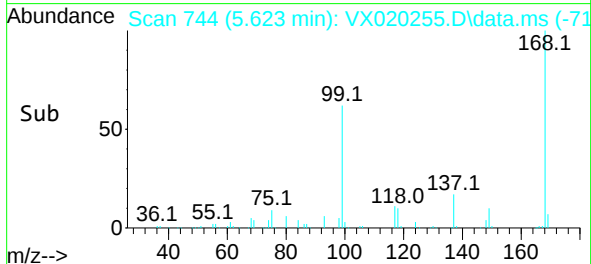
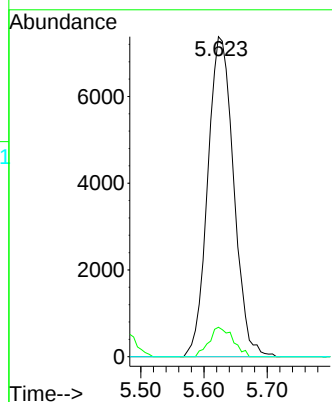
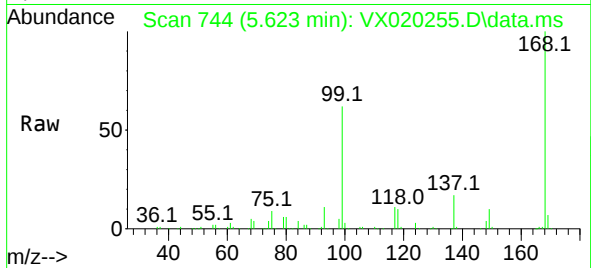




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

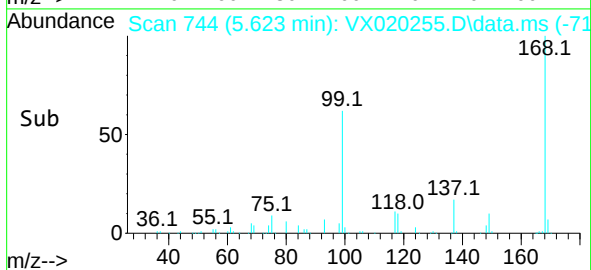
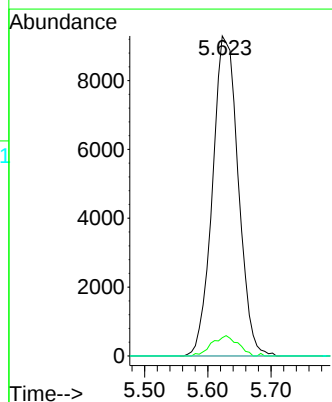
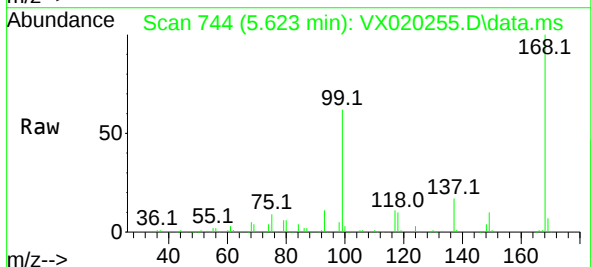
Instrument :
MSVOA_X
ClientSampled :

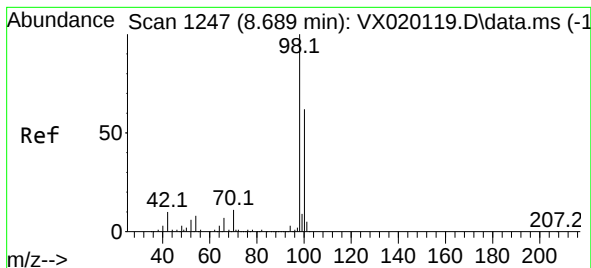
Tgt Ion: 75 Resp: 20997
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

Tgt Ion: 117 Resp: 26280
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.64 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VX020255.D

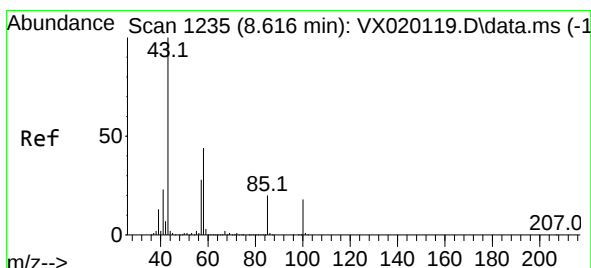
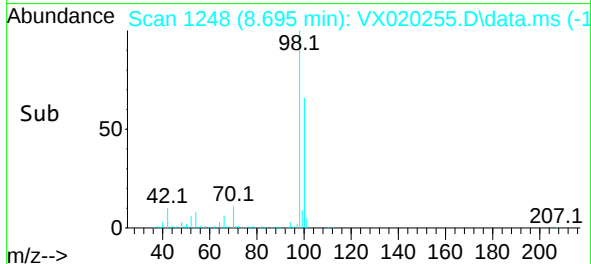
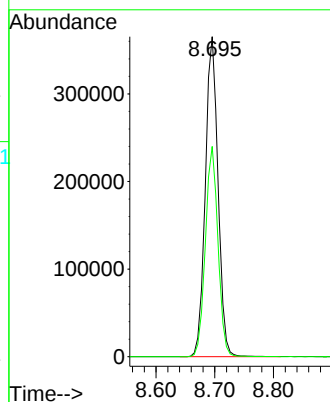
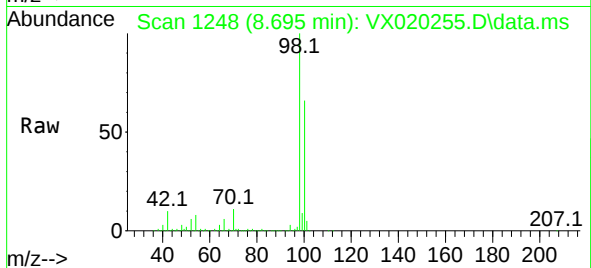
Acq: 21 Dec 2020 17:13

Tgt Ion: 98 Resp: 548811

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.50 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. 0.079 min

Lab File: VX020255.D

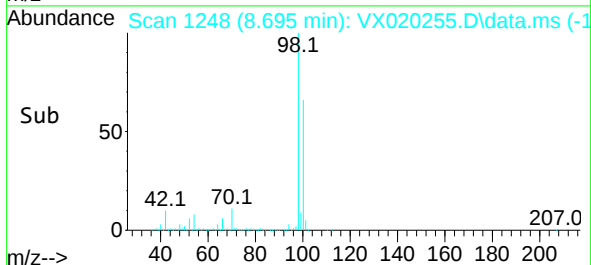
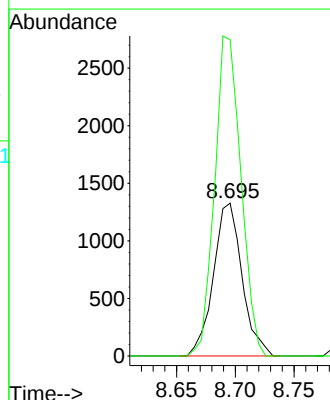
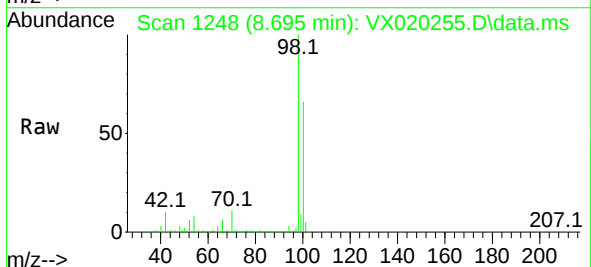
Acq: 21 Dec 2020 17:13

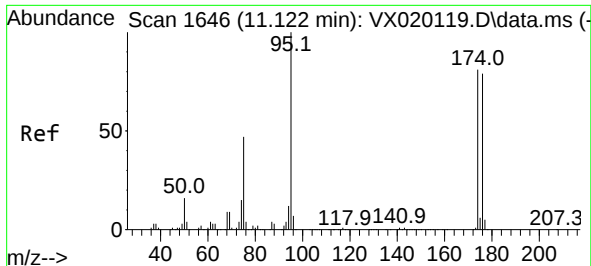
Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

58 192.5 35.4 53.0#

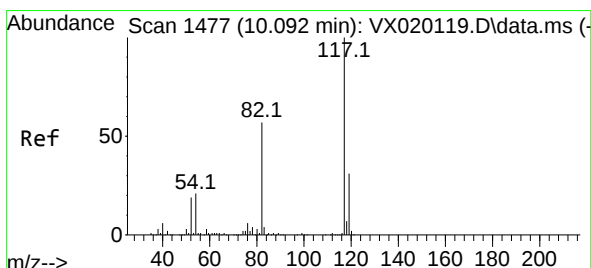
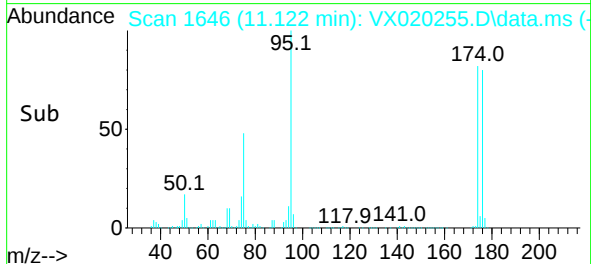
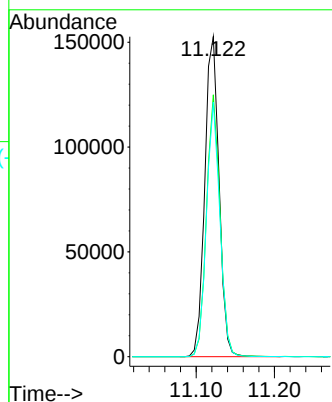
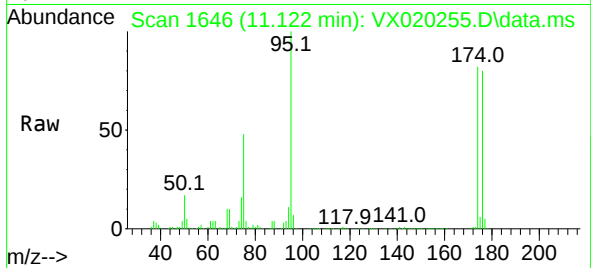




#62
4-Bromofluorobenzene
Concen: 45.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

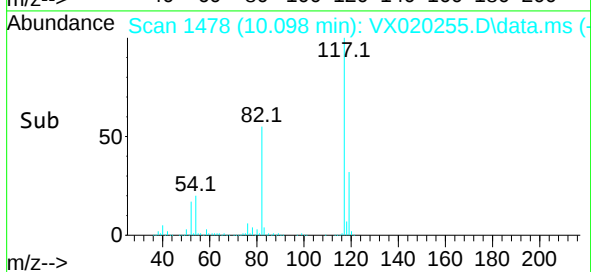
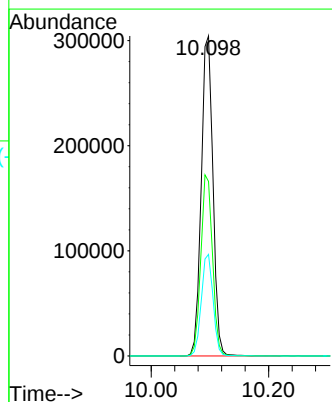
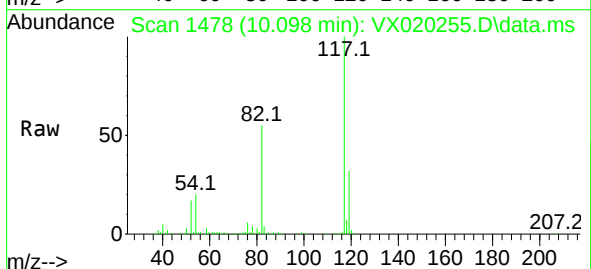
Instrument :
MSVOA_X
ClientSampleId :

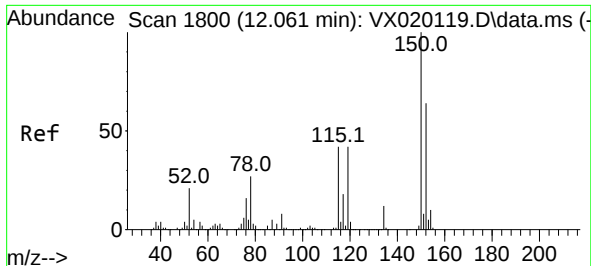
Tgt Ion: 95 Resp: 192411
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

Tgt Ion: 117 Resp: 420759
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 31.8 26.6 39.8

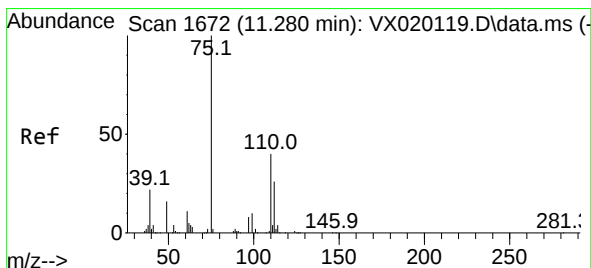
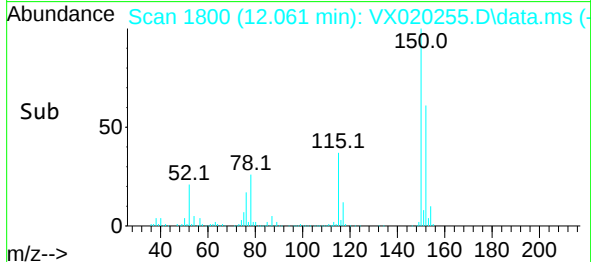
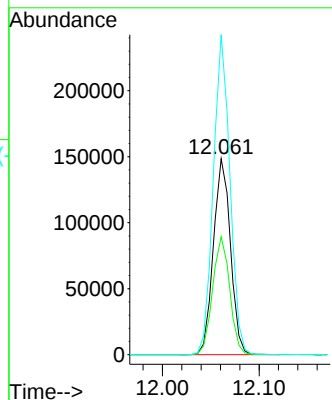
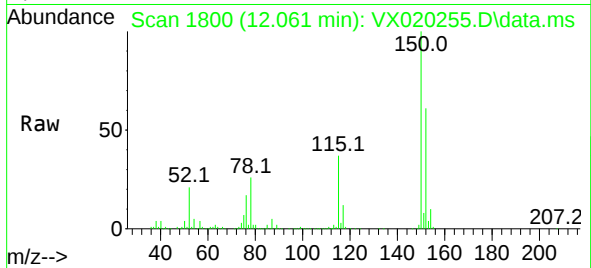




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

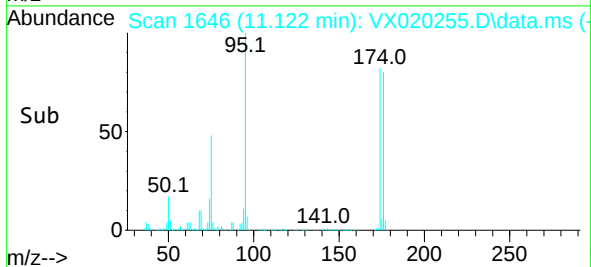
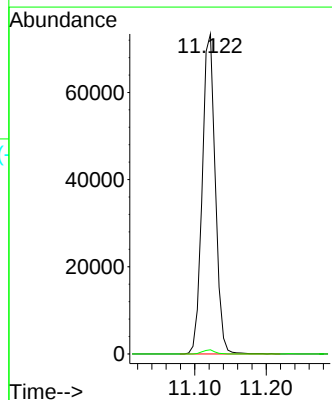
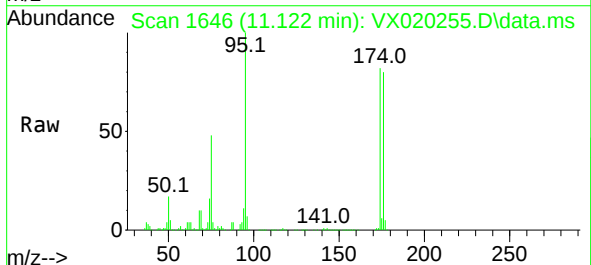
Instrument :
MSVOA_X
ClientSampled :

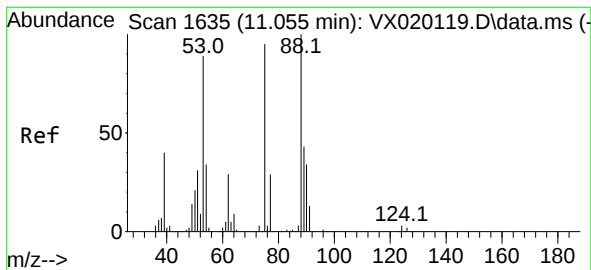
Tgt Ion:152 Resp: 181444
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 159.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020255.D
Acq: 21 Dec 2020 17:13

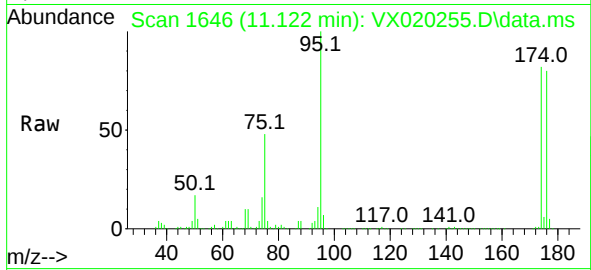
Tgt Ion: 75 Resp: 92984
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.72 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020255.D
 Acq: 21 Dec 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 92984
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

