

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020167.D
 Acq On : 19 Dec 2020 13:36
 Operator : JC/MD
 Sample : VX1219WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBL01

Quant Time: Dec 21 02:31:23 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)

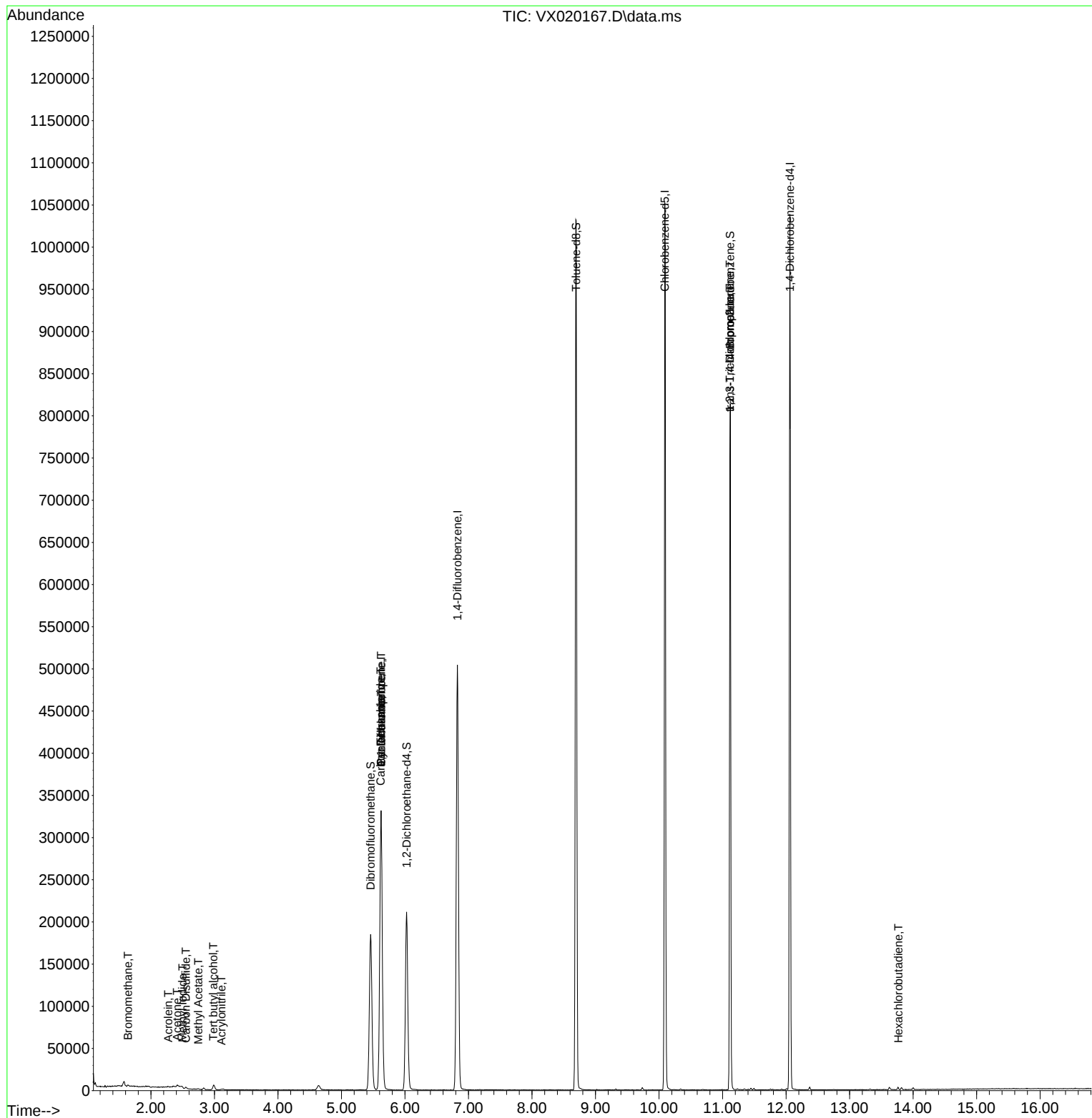
Internal Standards						
1) Pentafluorobenzene	5.623	168	313145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	517905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	481794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	213509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	198477	47.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.56%
35) Dibromofluoromethane	5.458	113	162407	49.02	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.04%
50) Toluene-d8	8.695	98	629021	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%
62) 4-Bromofluorobenzene	11.122	95	221258	45.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.66%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	922	0.67	ug/l	99
10) Methyl Iodide	2.495	142	990	3.51	ug/l #	86
11) Tert butyl alcohol	2.983	59	3220	3.43	ug/l #	75
13) Acrolein	2.270	56	439	0.75	ug/l #	37
15) Acrylonitrile	3.111	53	562	0.26	ug/l	98
16) Acetone	2.410	43	1584	0.83	ug/l	94
17) Carbon Disulfide	2.550	76	1966	0.21	ug/l #	88
18) Methyl Acetate	2.745	43	919	0.22	ug/l #	83
31) Cyclohexane	5.623	56	6174	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	24084	4.71	ug/l #	48
38) Carbon Tetrachloride	5.617	117	31146	6.40	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	108770	20.68	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	108770	61.36	ug/l #	12
94) Hexachlorobutadiene	13.768	225	428	2.85	ug/l	83

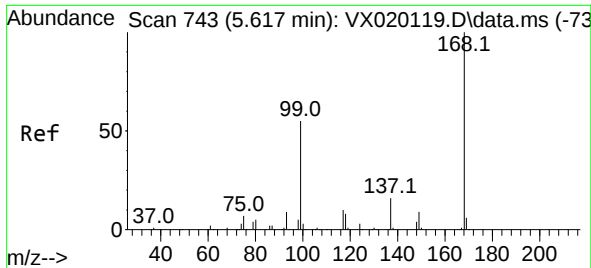
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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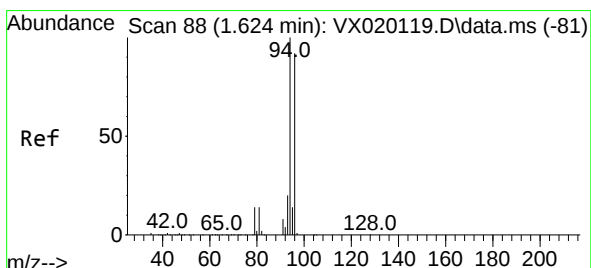
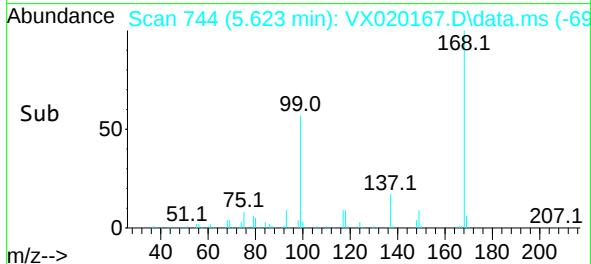
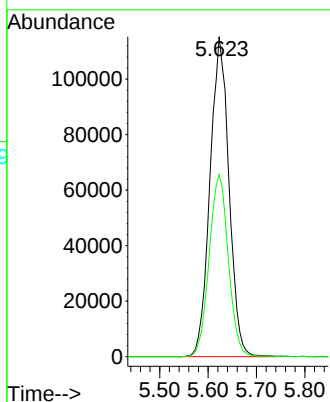
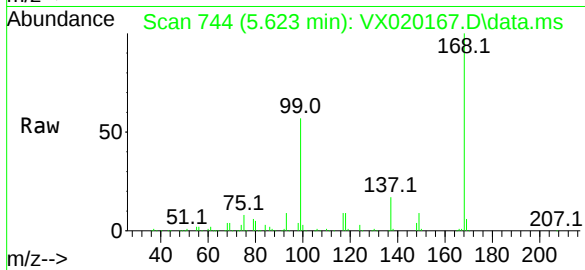




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

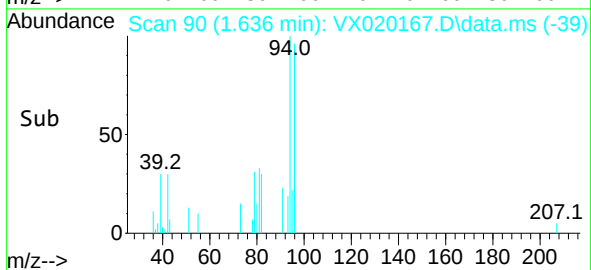
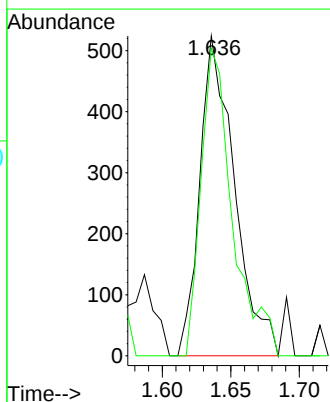
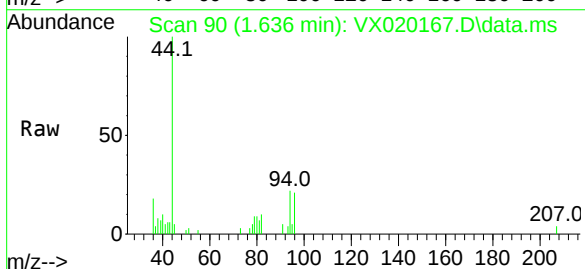
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

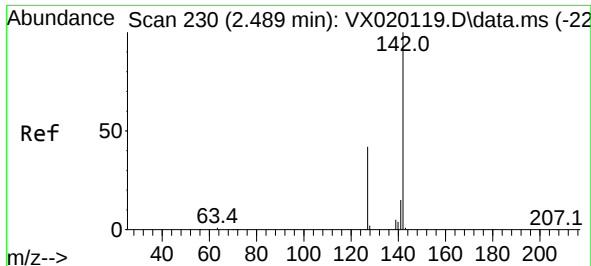
Tgt Ion:168 Resp: 313145
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#5
Bromomethane
Concen: 0.67 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

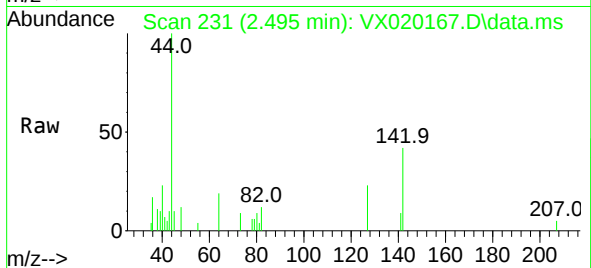
Tgt Ion: 94 Resp: 922
Ion Ratio Lower Upper
94 100
96 96.2 76.4 114.6



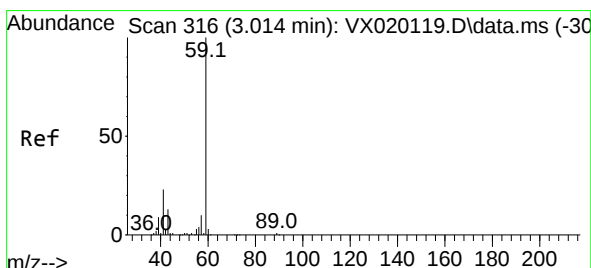
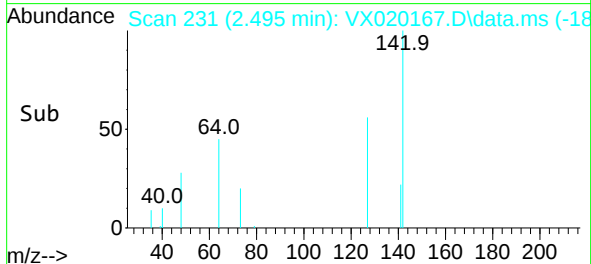
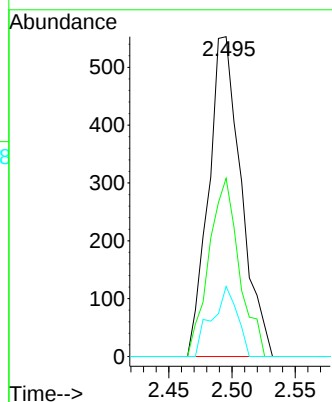


#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

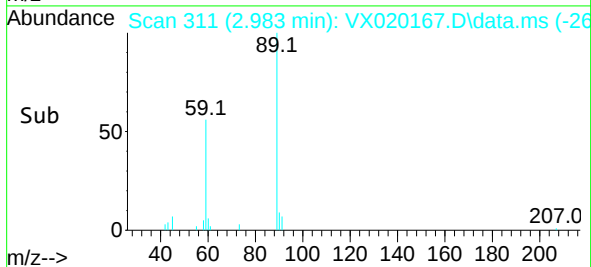
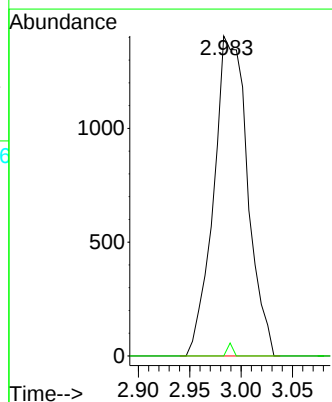
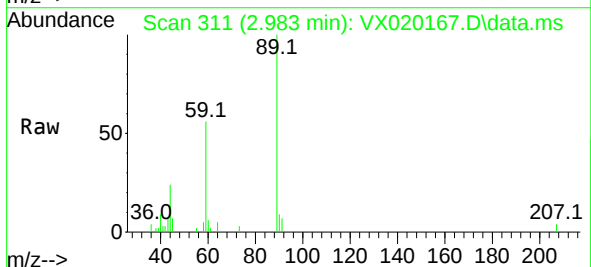


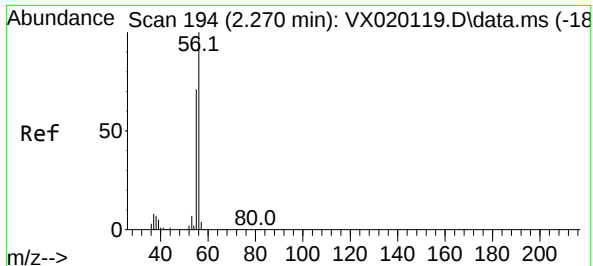
Tgt Ion:142 Resp: 990
Ion Ratio Lower Upper
142 100
127 51.7 33.3 49.9#
141 17.1 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.43 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.031 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 59 Resp: 3220
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#

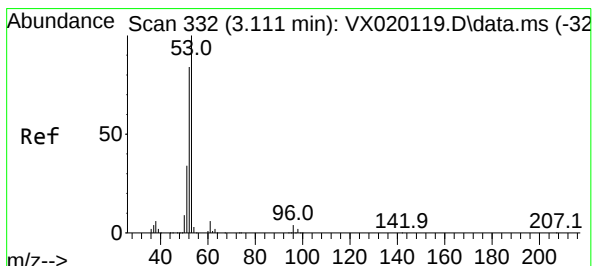
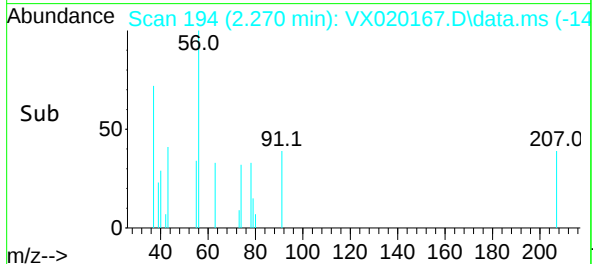
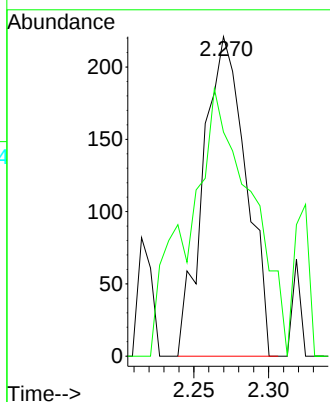
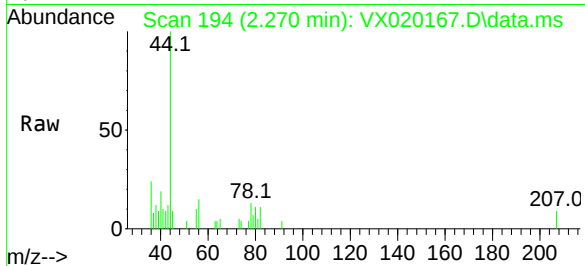




#13
Acrolein
Concen: 0.75 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

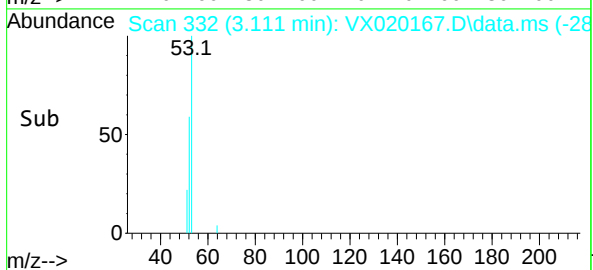
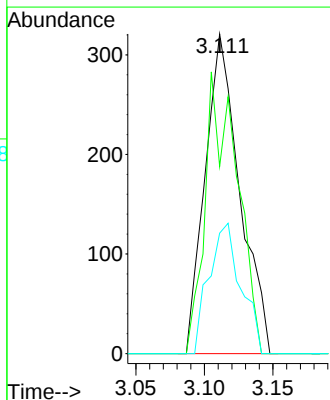
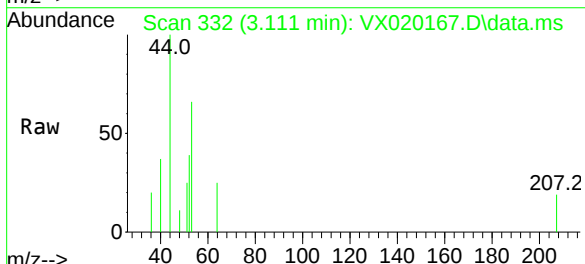
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

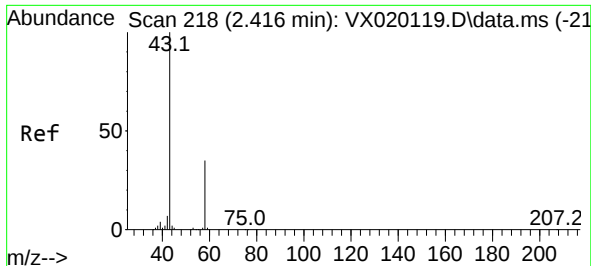
Tgt Ion: 56 Resp: 439
Ion Ratio Lower Upper
56 100
55 122.8 56.4 84.6#



#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 53 Resp: 562
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 37.7 28.2 42.2

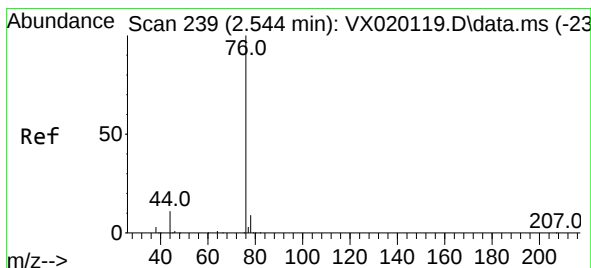
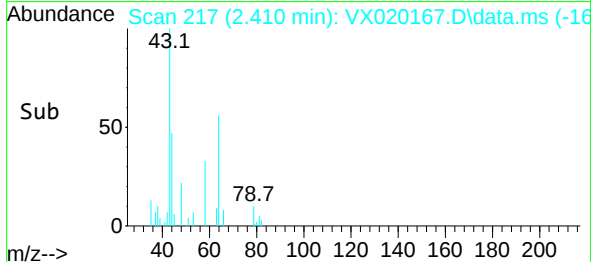
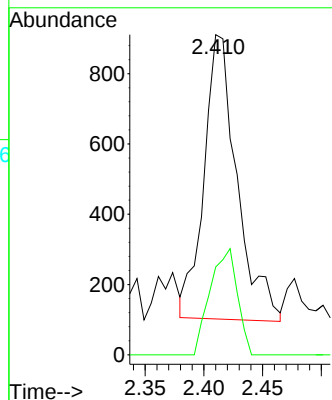
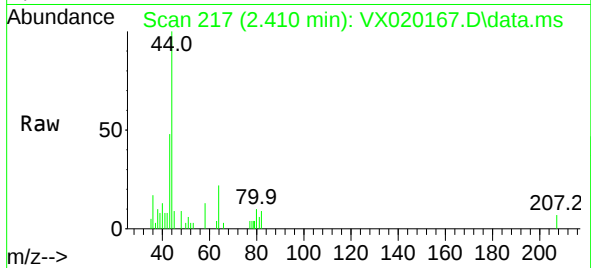




#16
Acetone
Concen: 0.83 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

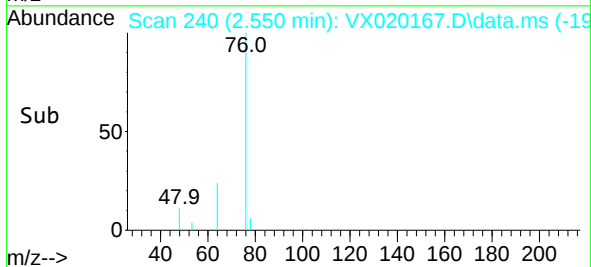
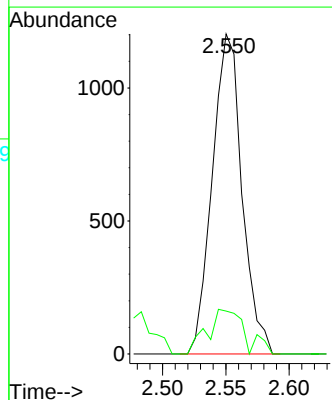
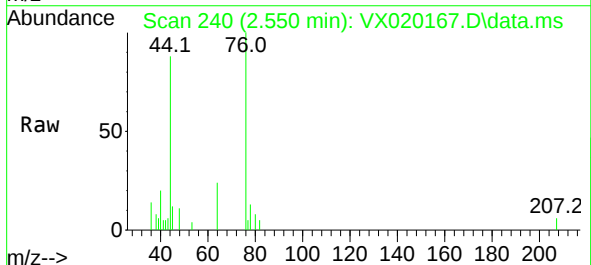
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

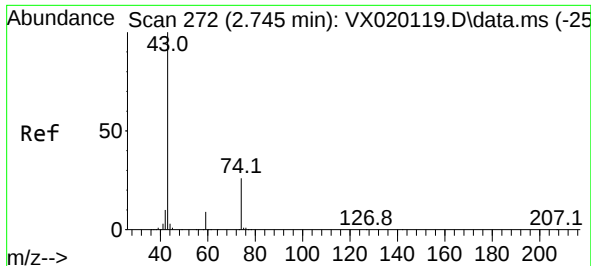
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 76 Resp: 1966
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8#

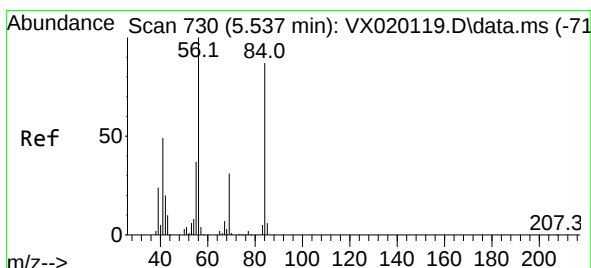
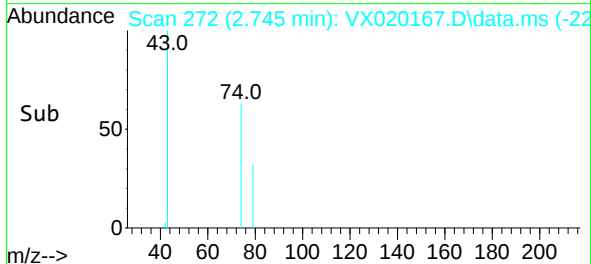
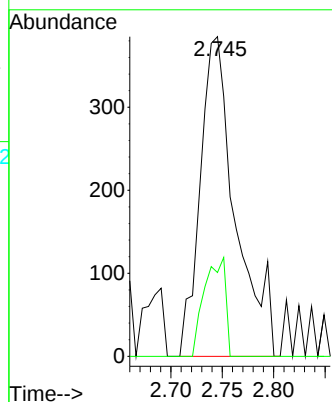
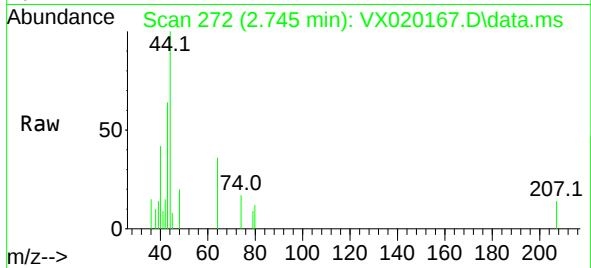




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

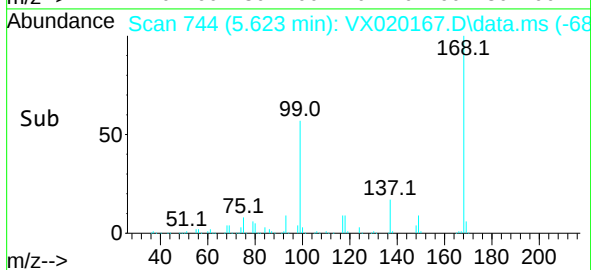
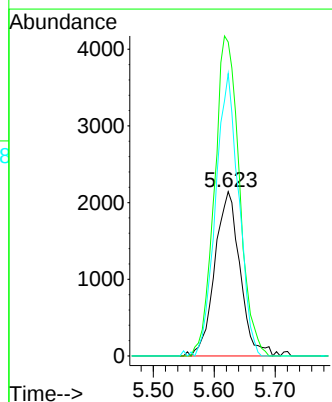
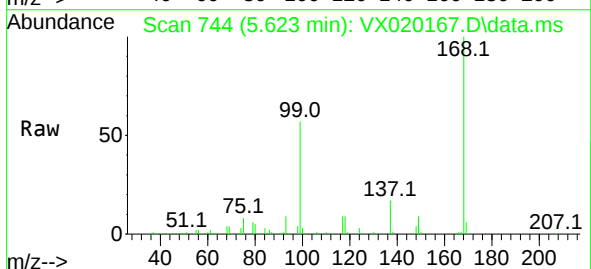
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

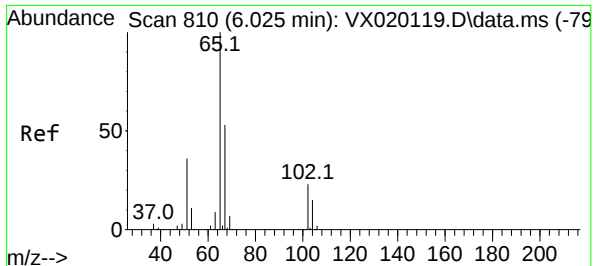
Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
74 18.5 21.9 32.9#



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 56 Resp: 6174
Ion Ratio Lower Upper
56 100
69 190.9 25.3 37.9#
84 171.7 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.28 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020167.D

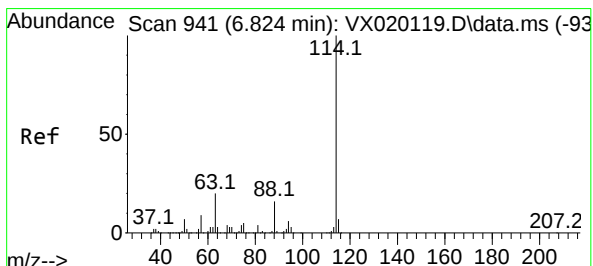
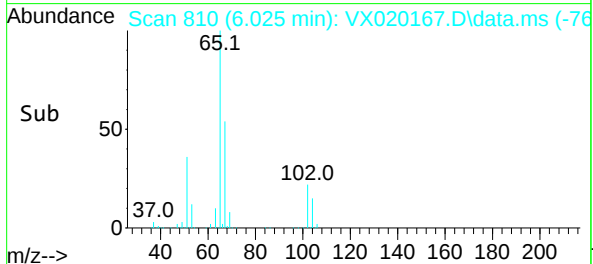
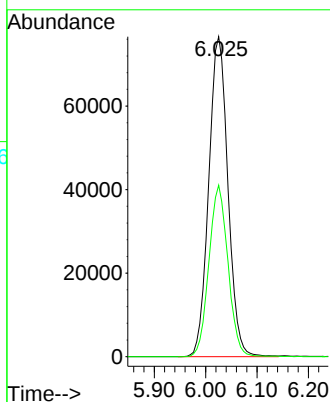
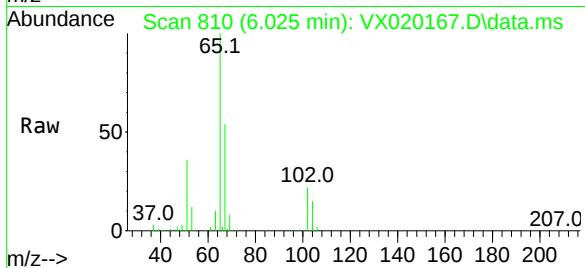
Acq: 19 Dec 2020 13:36

Tgt Ion: 65 Resp: 198477

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020167.D

Acq: 19 Dec 2020 13:36

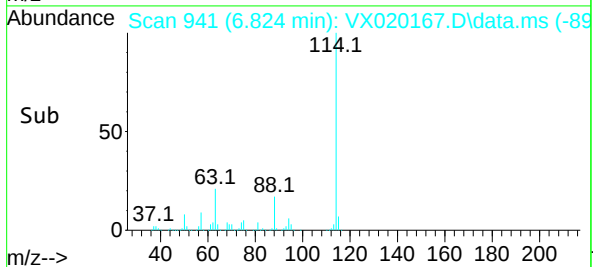
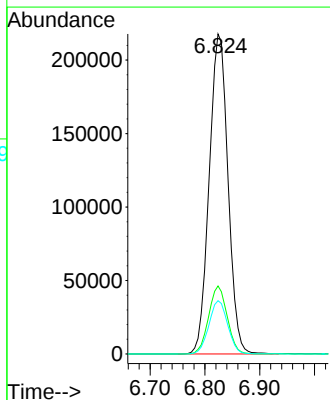
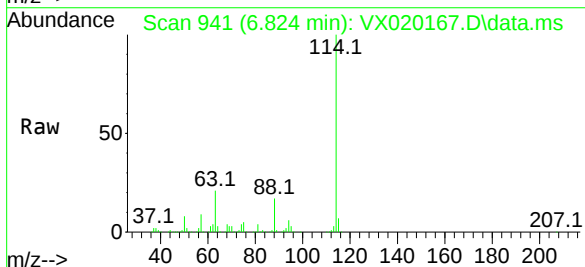
Tgt Ion: 114 Resp: 517905

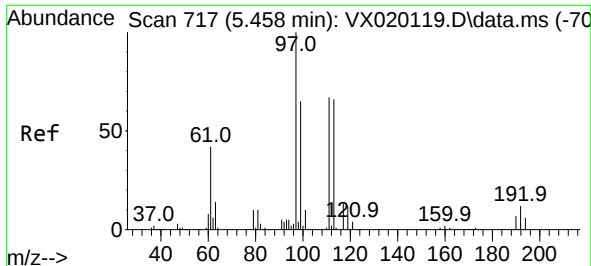
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 16.7 0.0 32.8

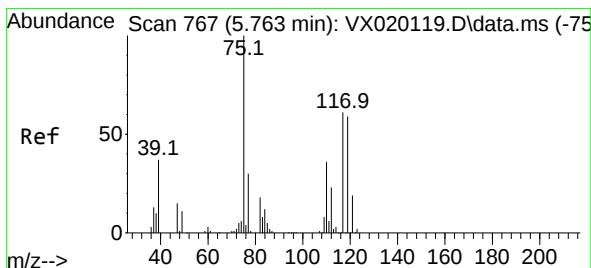
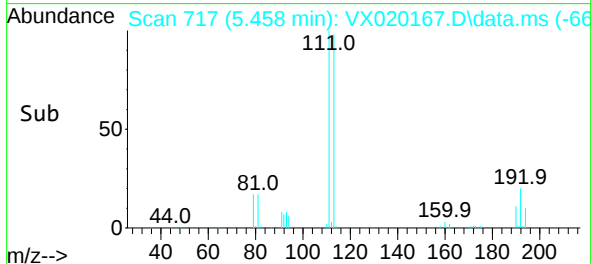
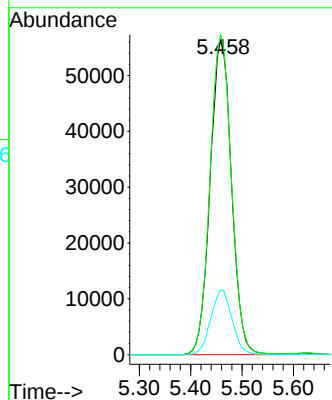
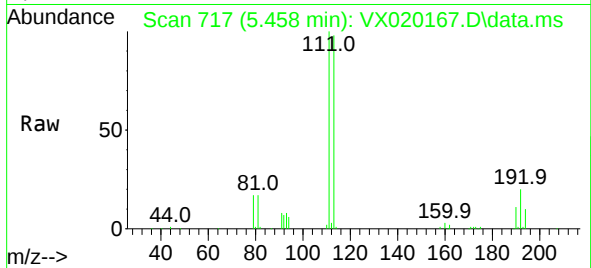




#35
Dibromofluoromethane
Concen: 49.02 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

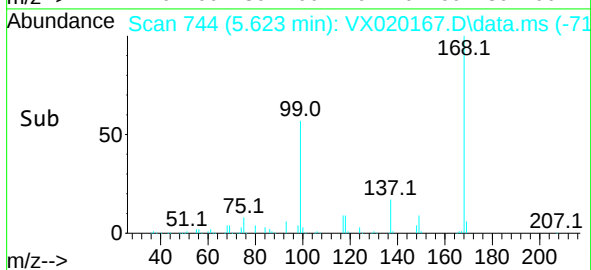
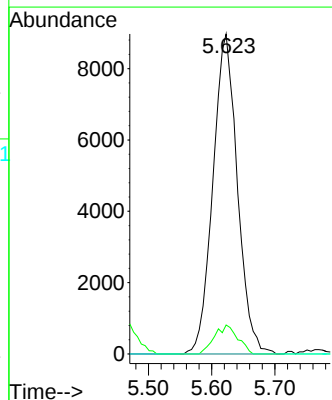
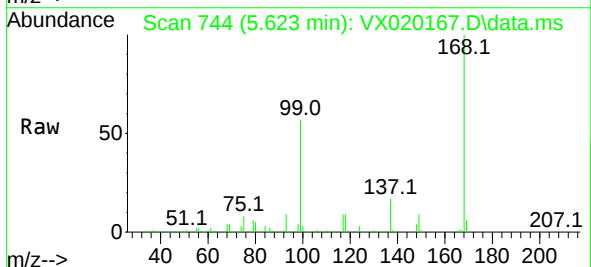
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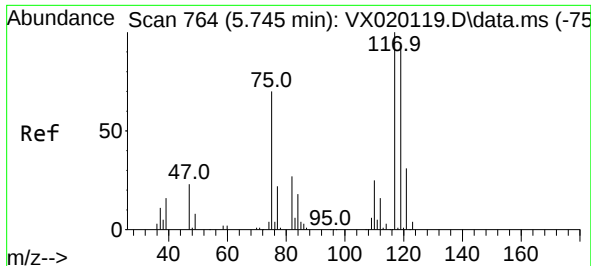
Tgt Ion:113 Resp: 162407
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

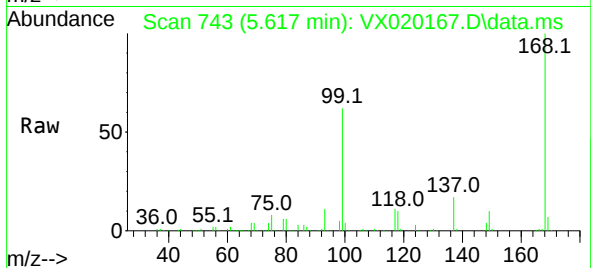
Tgt Ion: 75 Resp: 24084
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



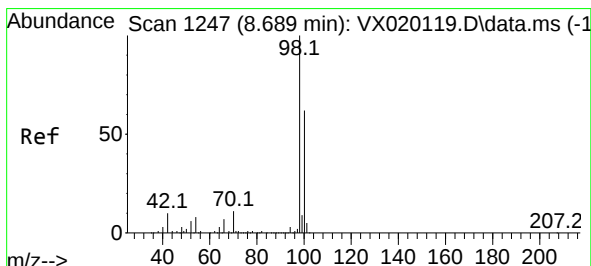
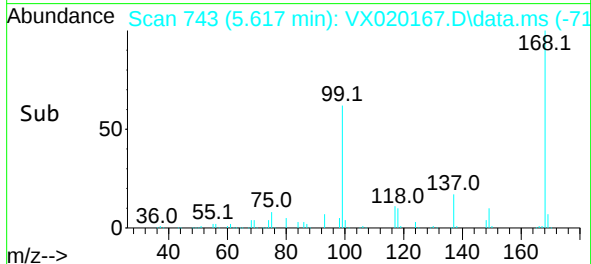
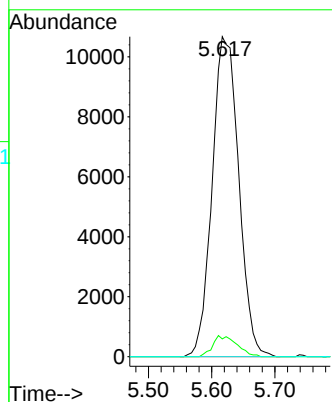


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.128 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

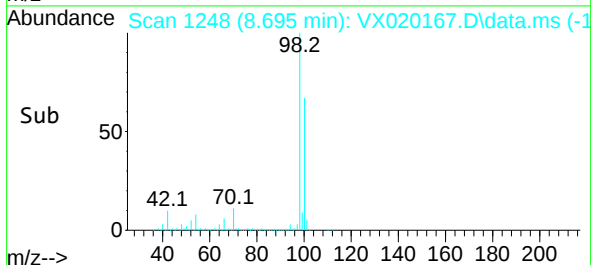
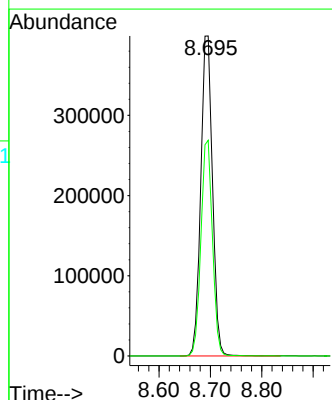
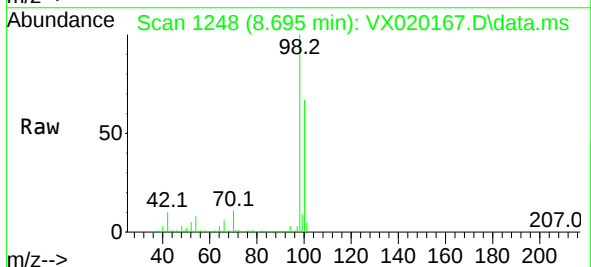


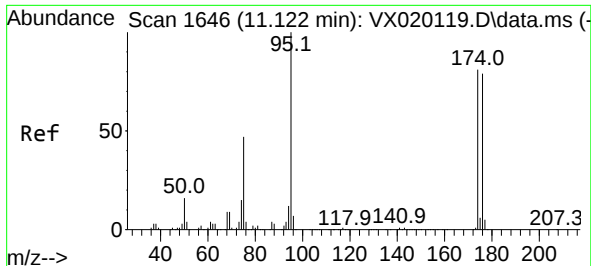
Tgt Ion:117 Resp: 31146
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.32 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 98 Resp: 629021
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

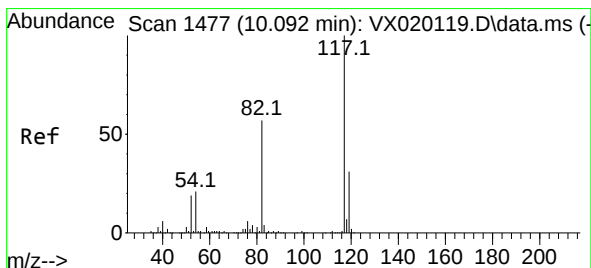
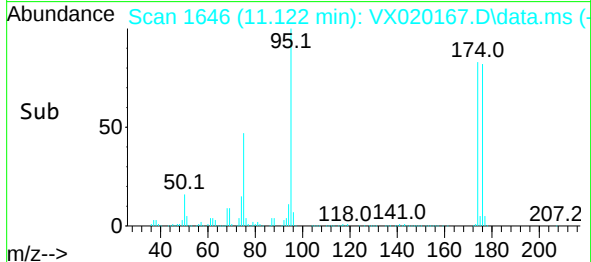
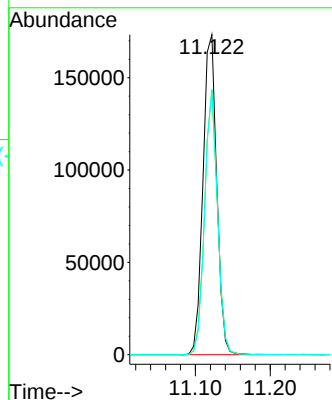
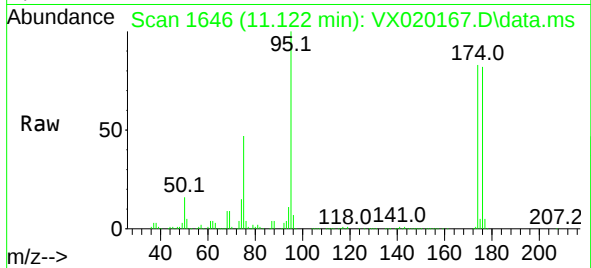




#62
4-Bromofluorobenzene
Concen: 45.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

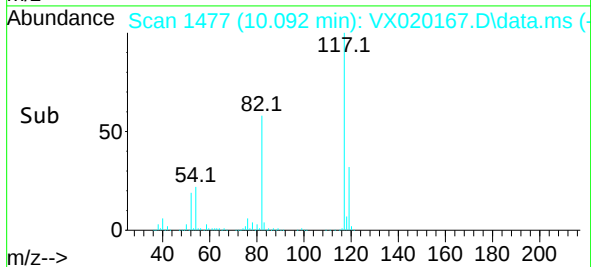
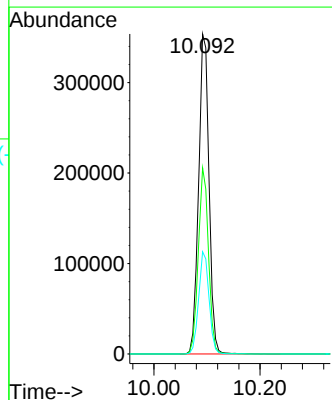
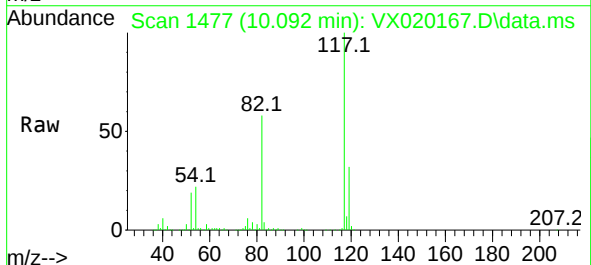
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

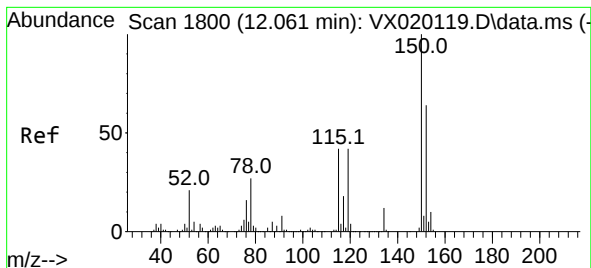
Tgt Ion: 95 Resp: 221258
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 117 Resp: 481794
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.0 26.6 39.8

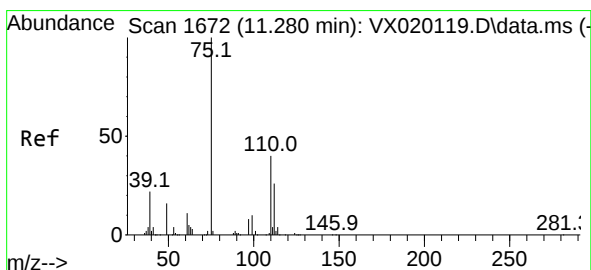
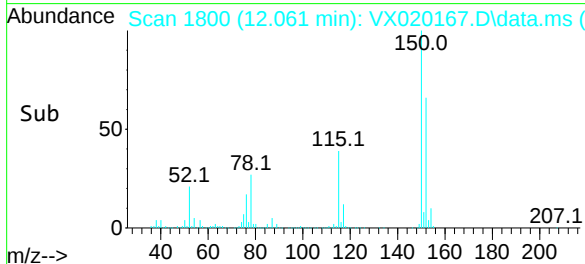
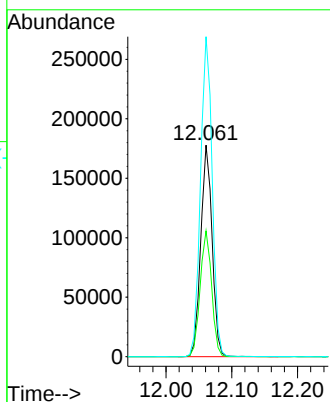
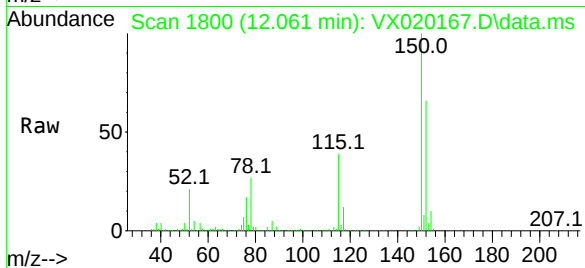




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020167.D
 Acq: 19 Dec 2020 13:36

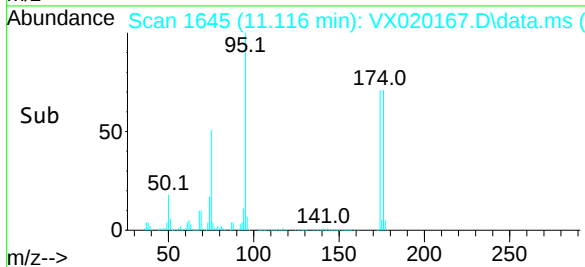
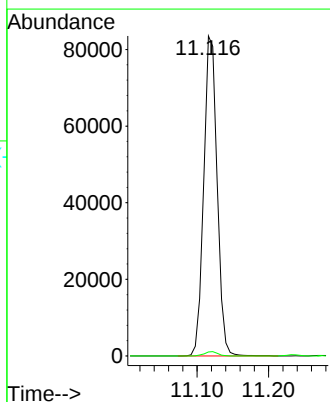
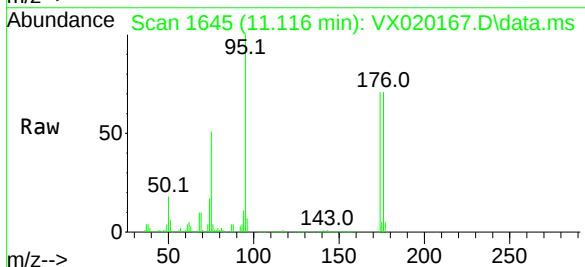
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBL01

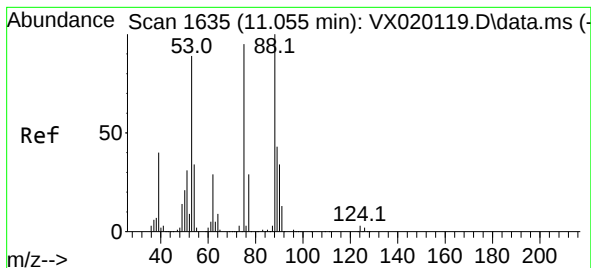
Tgt Ion:152 Resp: 213509
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.1 123.3
 150 155.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.68 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX020167.D
 Acq: 19 Dec 2020 13:36

Tgt Ion: 75 Resp: 108770
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

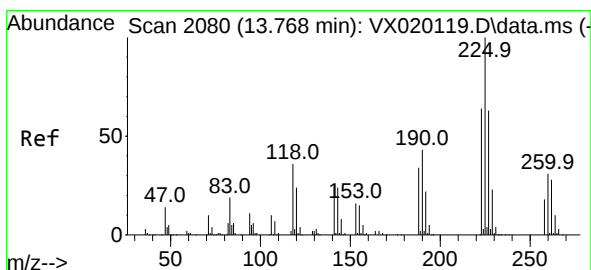
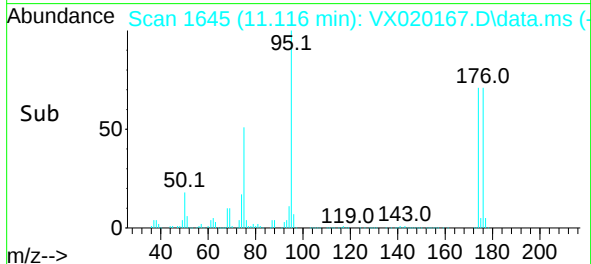
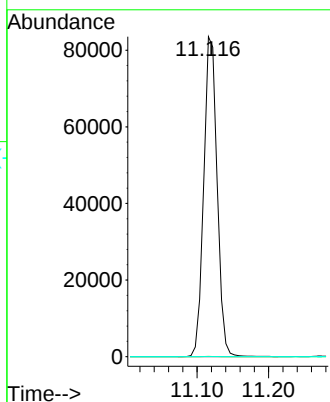
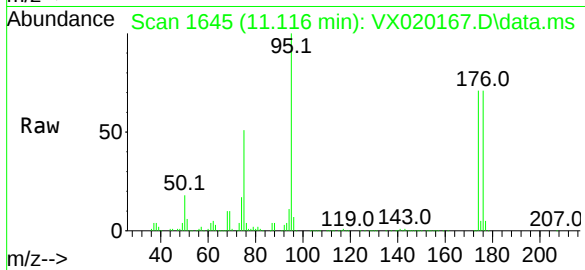




#81
trans-1,4-Dichloro-2-butene
Concen: 61.36 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

Tgt Ion: 75 Resp: 108770
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.85 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020167.D
Acq: 19 Dec 2020 13:36

Tgt Ion: 225 Resp: 428
Ion Ratio Lower Upper
225 100
223 80.4 31.1 93.2
227 71.3 31.6 95.0

