

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020266.D
 Acq On : 21 Dec 2020 22:16
 Operator : JC/MD
 Sample : VX1221WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBL02

Quant Time: Dec 22 01:39:32 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)

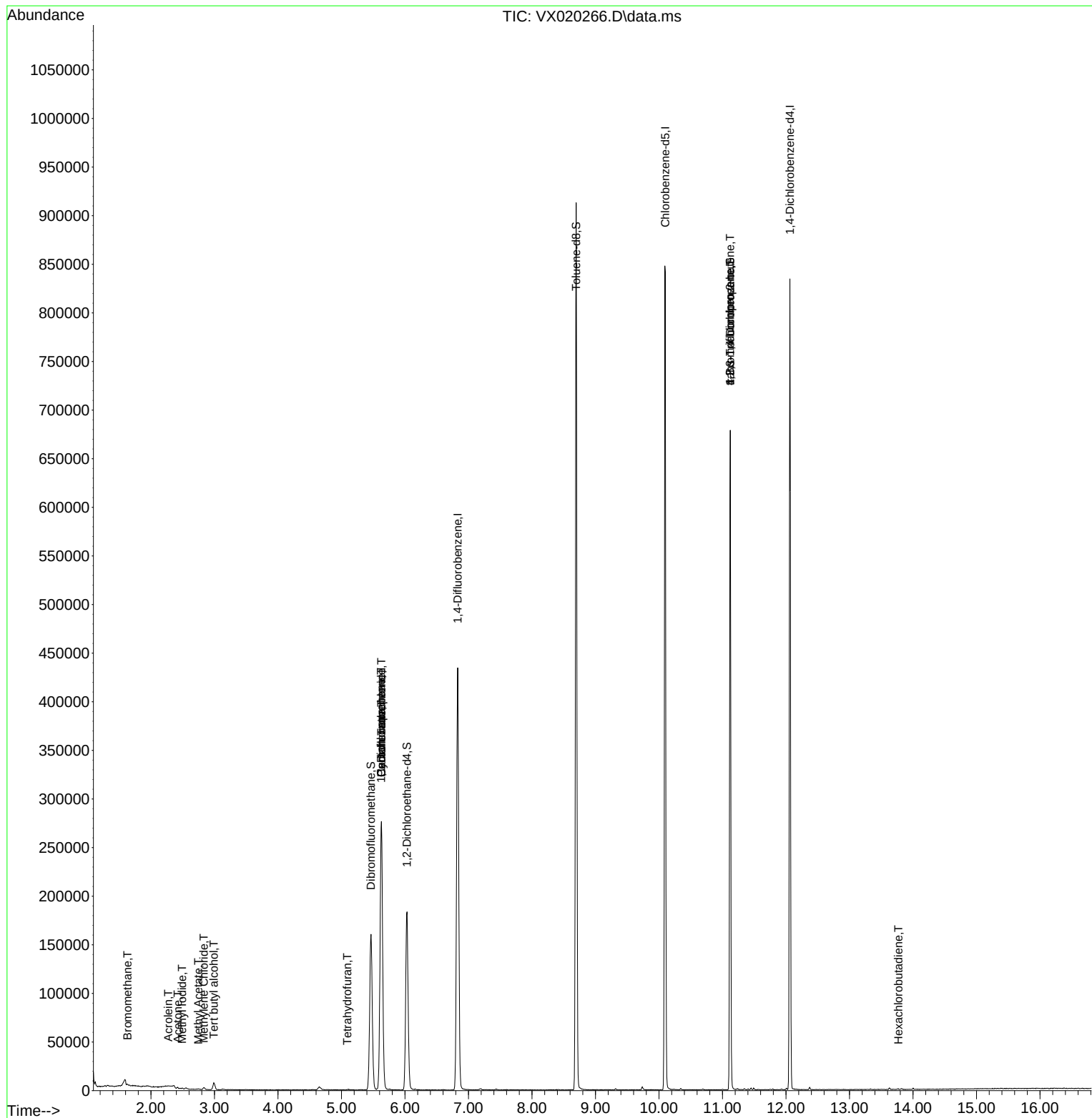
Internal Standards						
1) Pentafluorobenzene	5.629	168	262358	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	440656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	403147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	169331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	176419	50.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.34%			
35) Dibromofluoromethane	5.465	113	140918	49.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.98%			
50) Toluene-d8	8.696	98	533792	49.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.38%			
62) 4-Bromofluorobenzene	11.122	95	184204	44.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.72%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	757	0.66	ug/l	97
10) Methyl Iodide	2.489	142	967	3.54	ug/l #	92
11) Tert butyl alcohol	2.989	59	4317	5.48	ug/l #	73
13) Acrolein	2.270	56	340	0.69	ug/l #	80
16) Acetone	2.422	43	1022	0.64	ug/l #	83
18) Methyl Acetate	2.745	43	728	0.20	ug/l #	83
20) Methylene Chloride	2.831	84	1013	0.28	ug/l #	90
29) Tetrahydrofuran	5.093	42	485	0.33	ug/l #	44
31) Cyclohexane	5.629	56	5651	1.17	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20534	4.72	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26552	6.41	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	89430	21.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	89430	63.61	ug/l #	12
94) Hexachlorobutadiene	13.768	225	176	2.75	ug/l	92

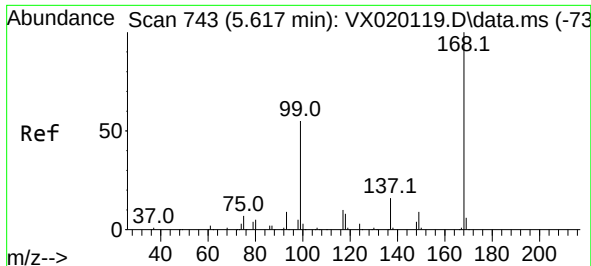
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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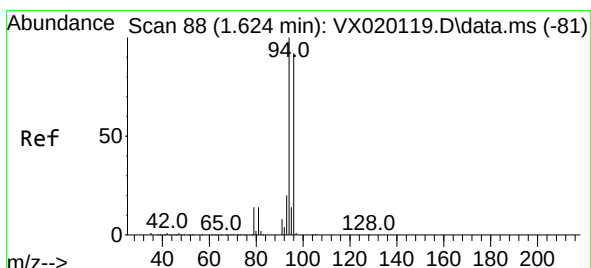
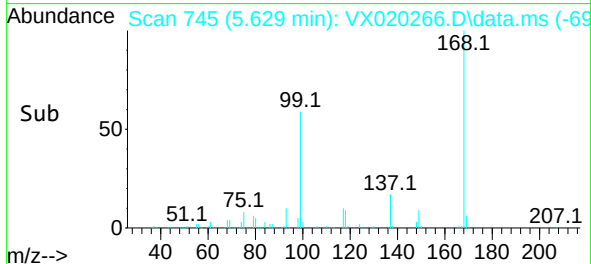
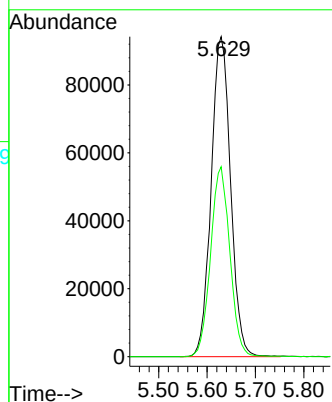
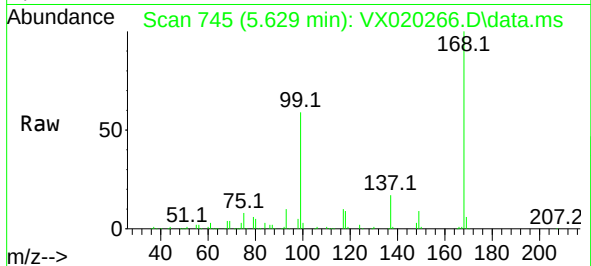




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

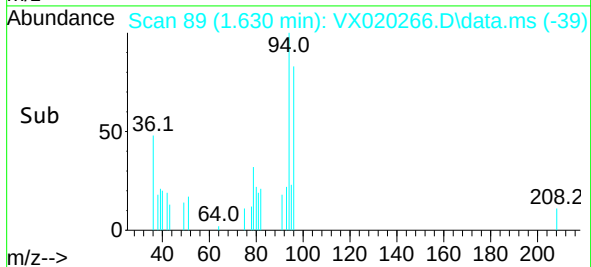
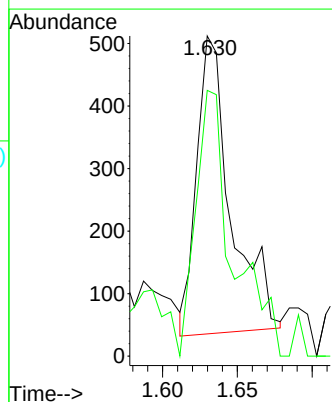
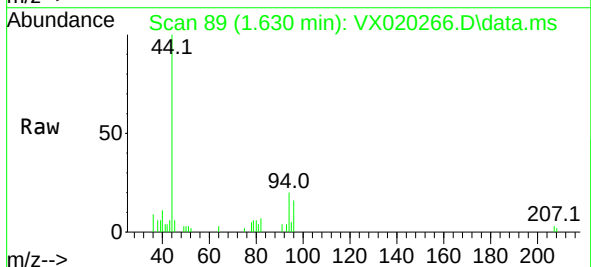
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02

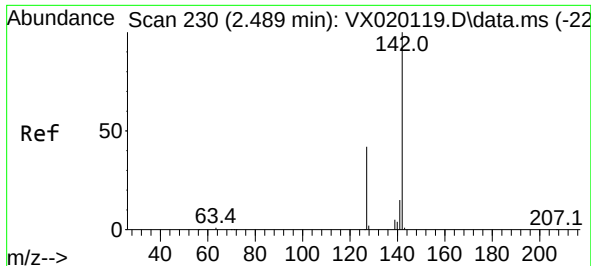
Tgt Ion:168 Resp: 262358
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#5
Bromomethane
Concen: 0.66 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

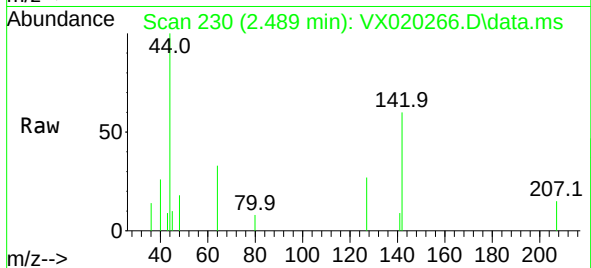
Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 93.0 76.4 114.6



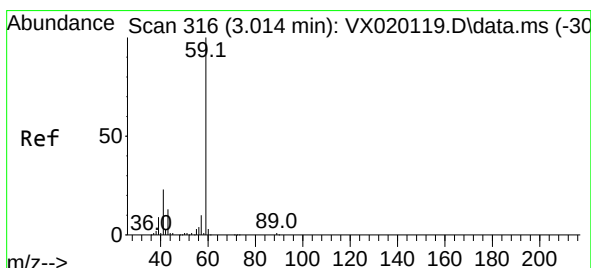
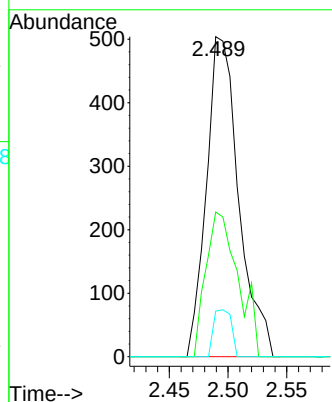
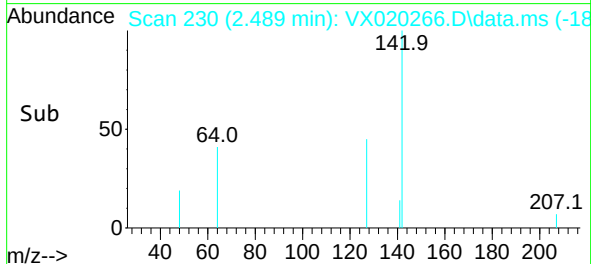


#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

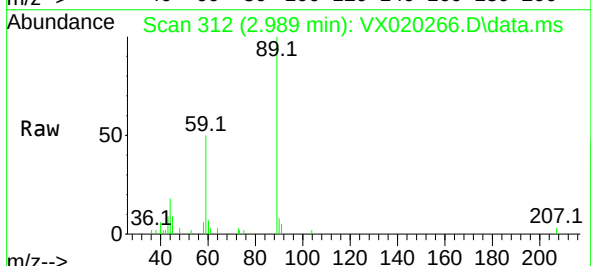
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02



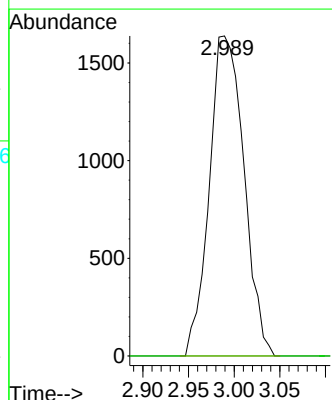
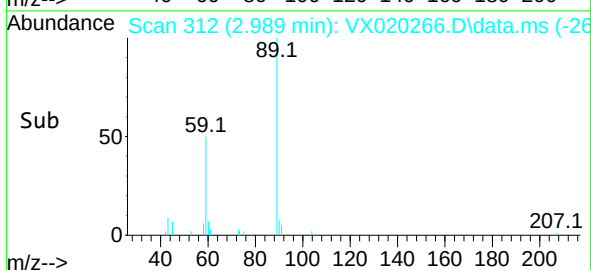
Tgt Ion:	142	Resp:	967
Ion	Ratio	Lower	Upper
142	100		
127	45.1	33.3	49.9
141	8.1	11.4	17.0#

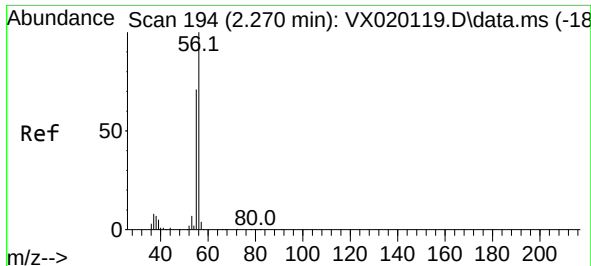


#11
Tert butyl alcohol
Concen: 5.48 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16



Tgt Ion:	59	Resp:	4317
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

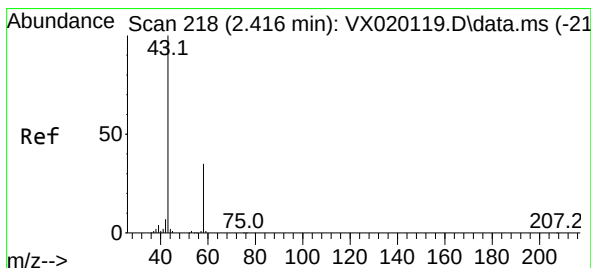
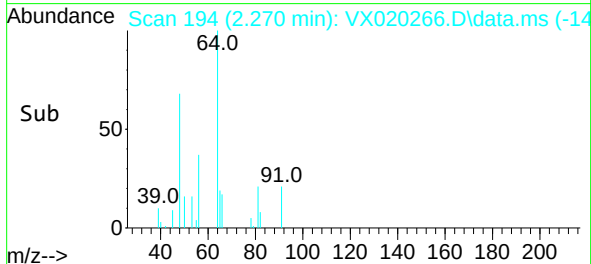
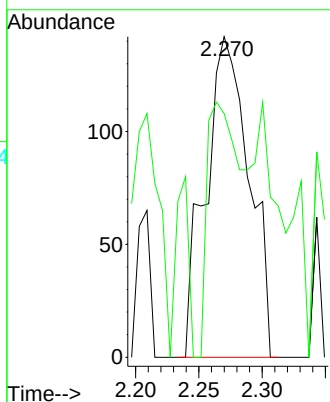
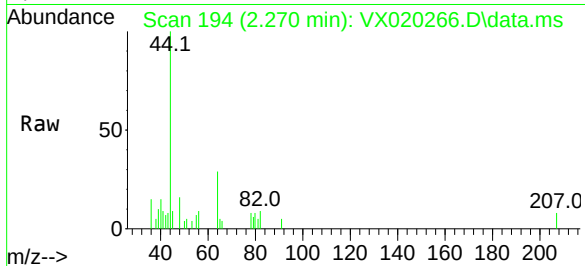




#13
Acrolein
Concen: 0.69 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

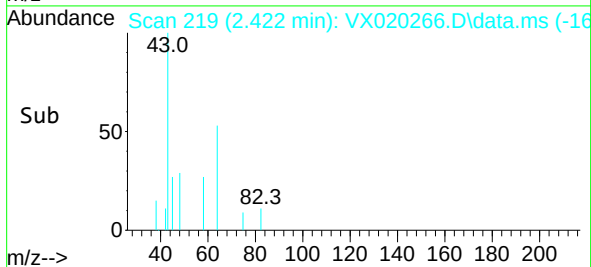
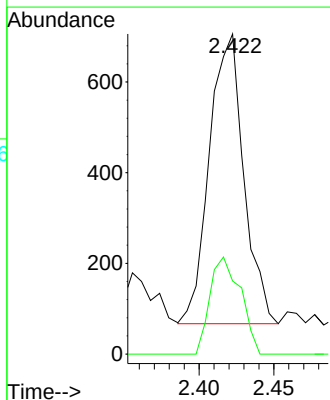
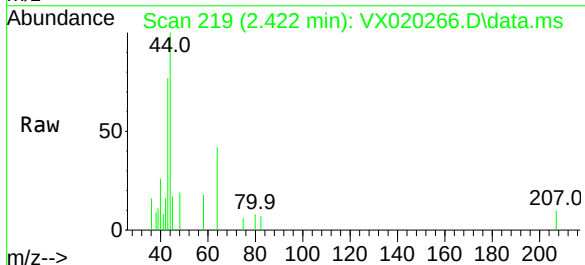
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02

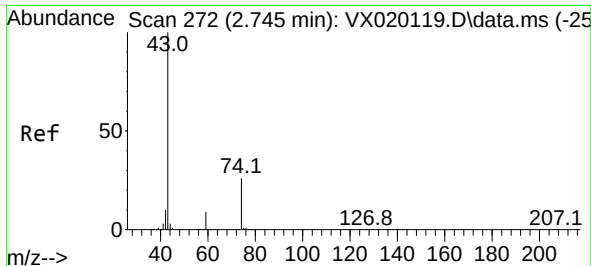
Tgt Ion: 56 Resp: 340
Ion Ratio Lower Upper
56 100
55 54.4 56.4 84.6#



#16
Acetone
Concen: 0.64 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#

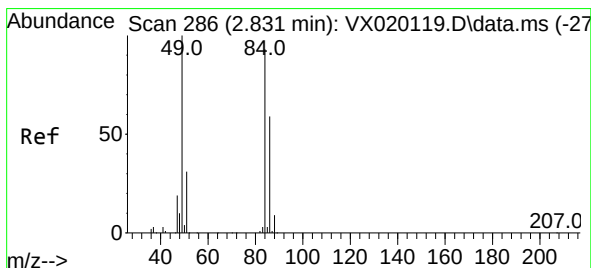
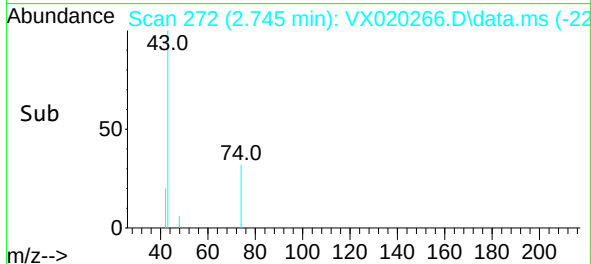
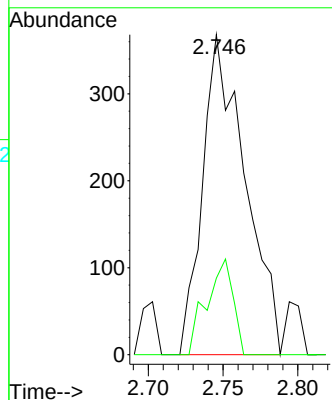
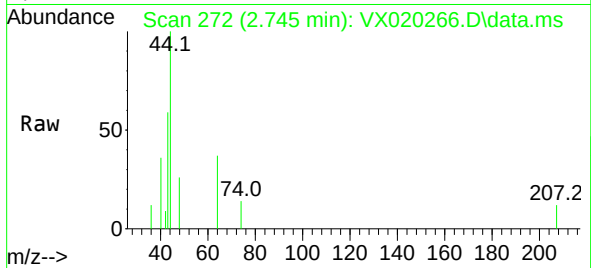




#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

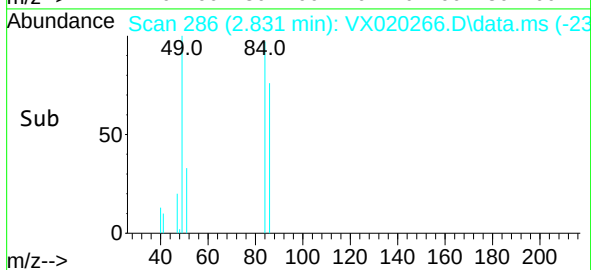
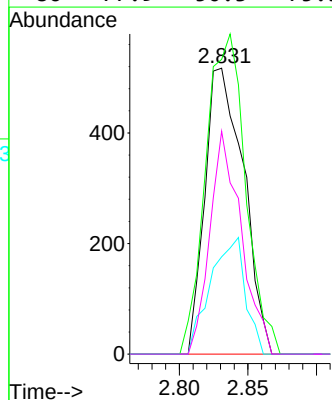
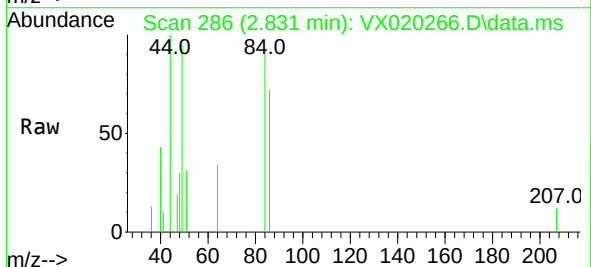
Instrument :
MSVOA_X
ClientSampled :
VX1221WBL02

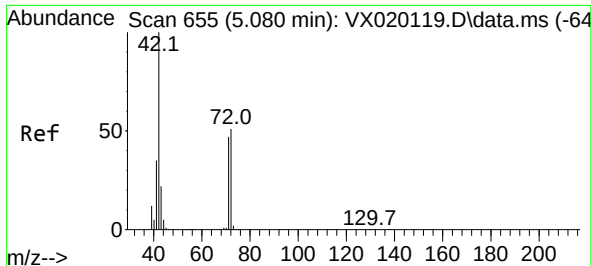
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
74 18.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Tgt Ion: 84 Resp: 1013
Ion Ratio Lower Upper
84 100
49 103.1 88.6 132.8
51 34.0 27.0 40.6
86 77.9 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 5.093 min Scan# 657

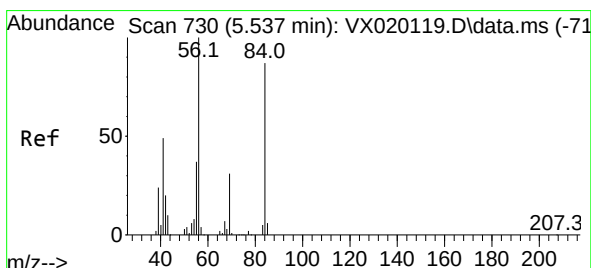
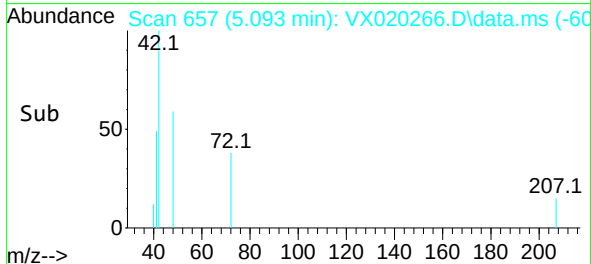
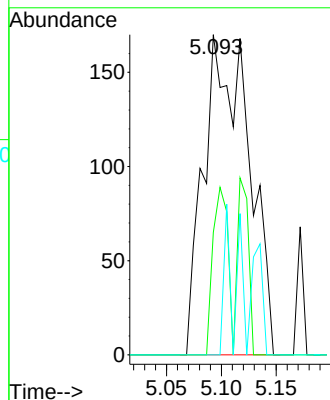
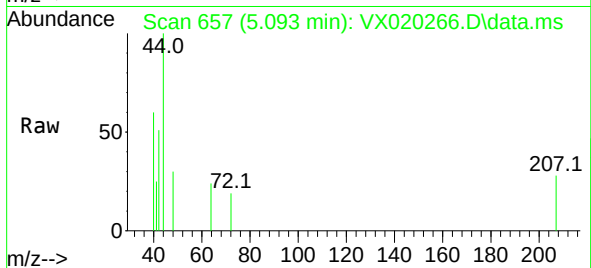
Delta R.T. 0.013 min

Lab File: VX020266.D

Acq: 21 Dec 2020 22:16

Tgt Ion:	42	Resp:	485
Ion	Ratio	Lower	Upper
42	100		
72	17.3	41.7	62.5#
71	6.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02



#31

Cyclohexane

Concen: 1.17 ug/l

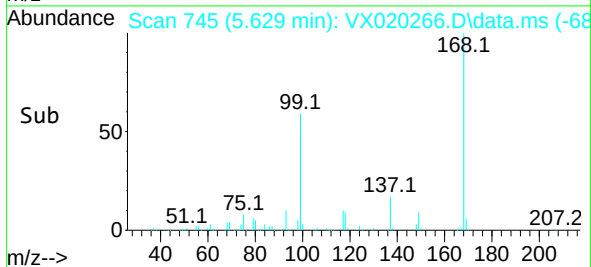
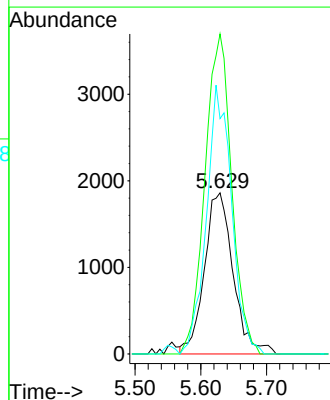
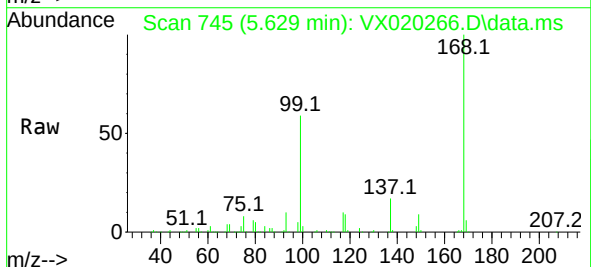
RT: 5.629 min Scan# 745

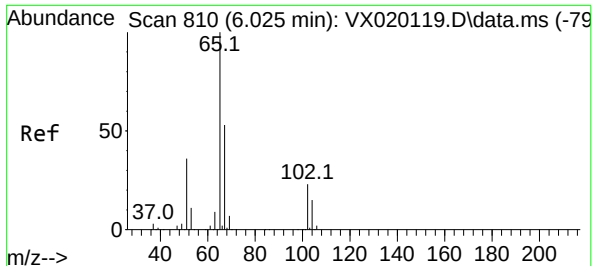
Delta R.T. 0.092 min

Lab File: VX020266.D

Acq: 21 Dec 2020 22:16

Tgt Ion:	56	Resp:	5651
Ion	Ratio	Lower	Upper
56	100		
69	198.6	25.3	37.9#
84	146.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.17 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020266.D

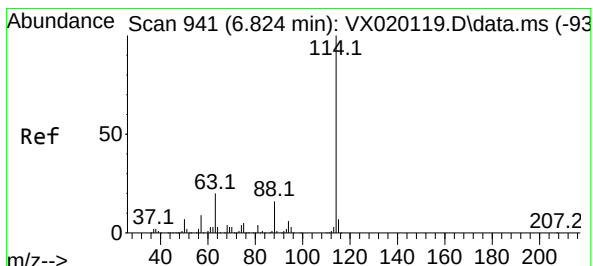
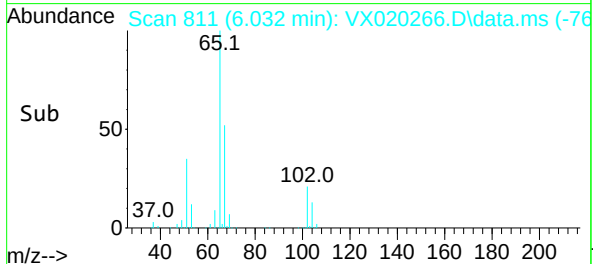
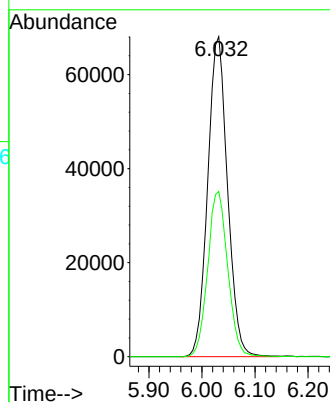
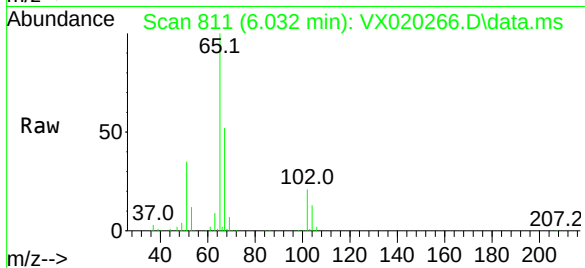
Acq: 21 Dec 2020 22:16

Tgt Ion: 65 Resp: 176419

Ion Ratio Lower Upper

65 100

67 52.3 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: VX020266.D

Acq: 21 Dec 2020 22:16

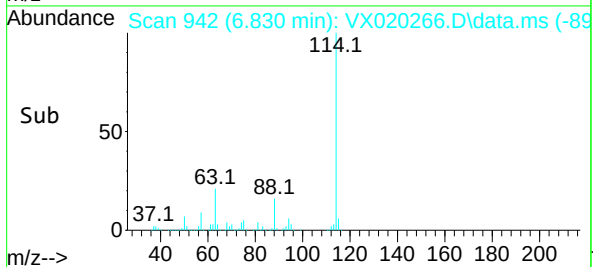
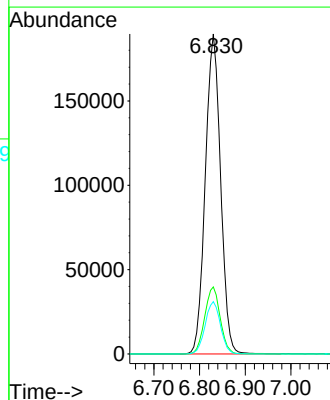
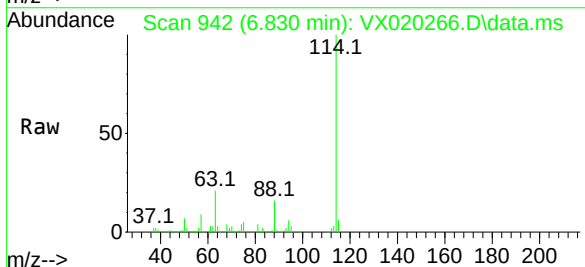
Tgt Ion: 114 Resp: 440656

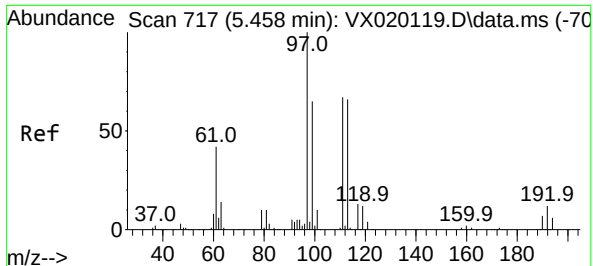
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.3 0.0 32.8

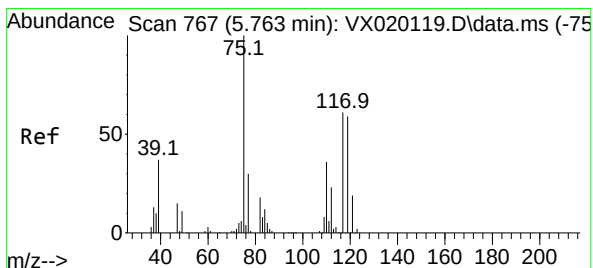
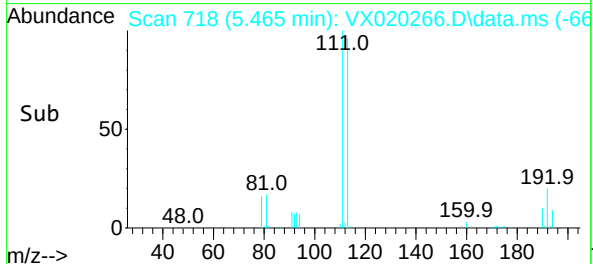
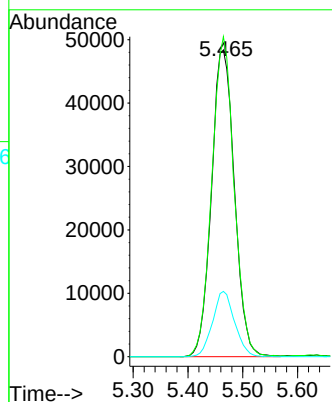
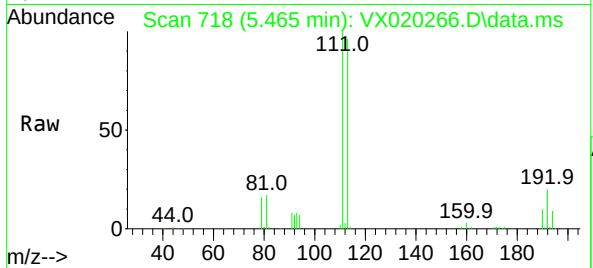




#35
Dibromofluoromethane
Concen: 49.99 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

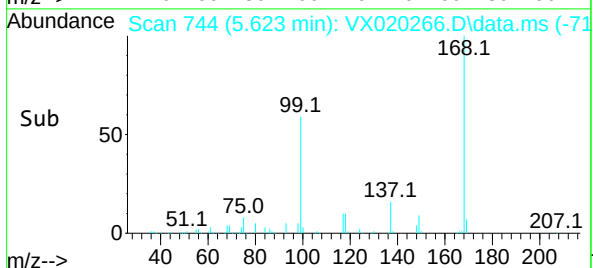
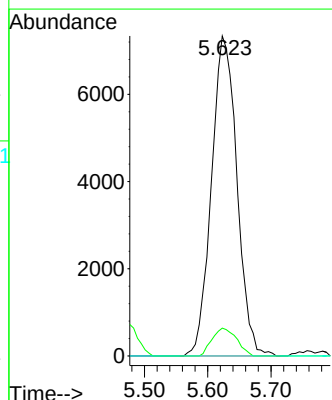
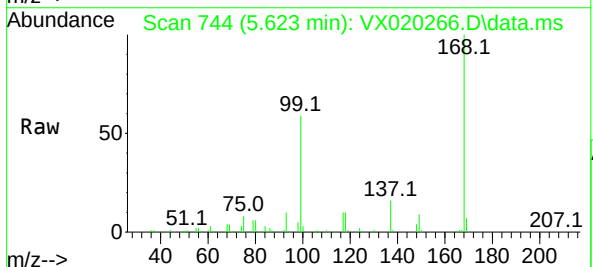
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02

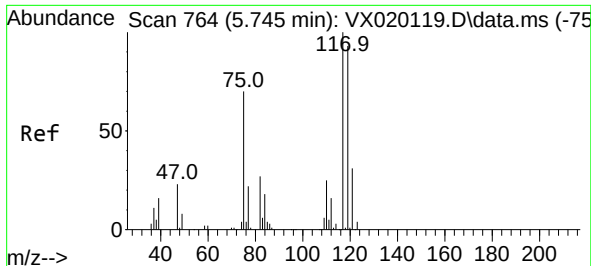
Tgt Ion:113 Resp: 140918
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

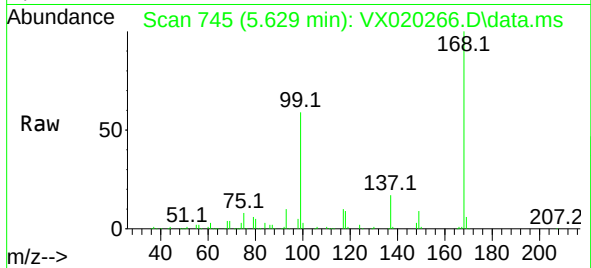
Tgt Ion: 75 Resp: 20534
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



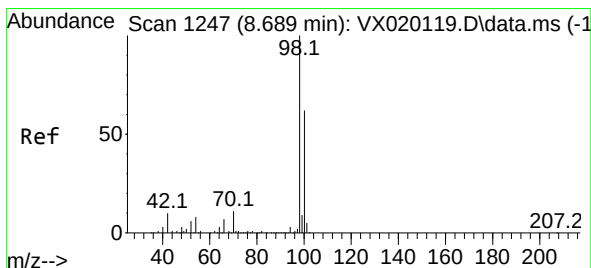
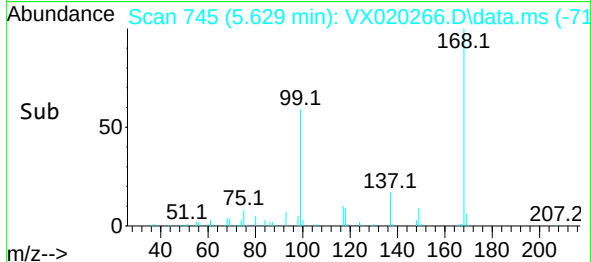
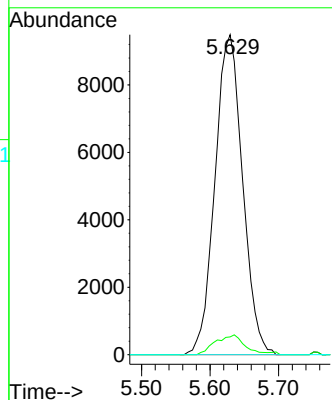


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02

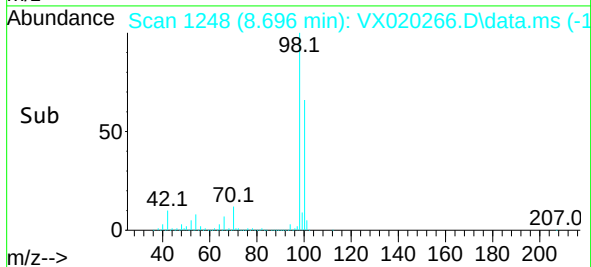
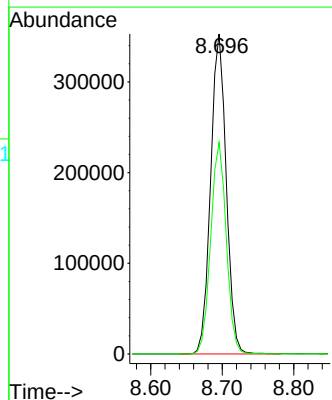
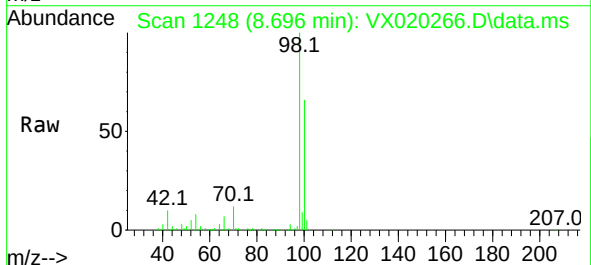


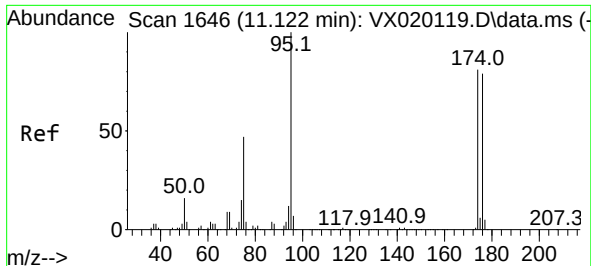
Tgt Ion:117 Resp: 26552
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.19 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Tgt Ion: 98 Resp: 533792
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

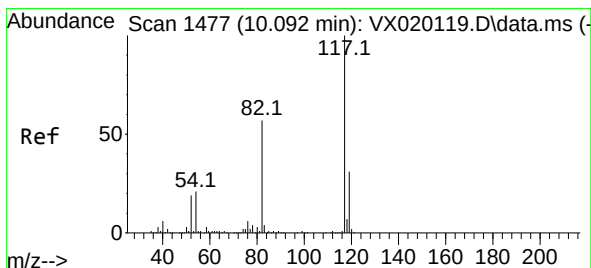
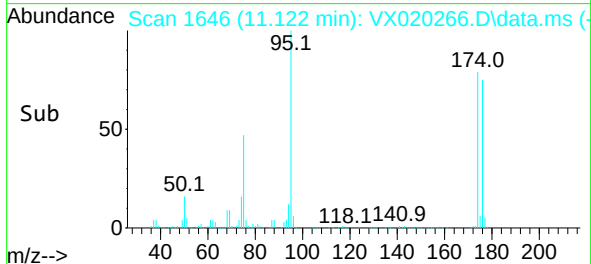
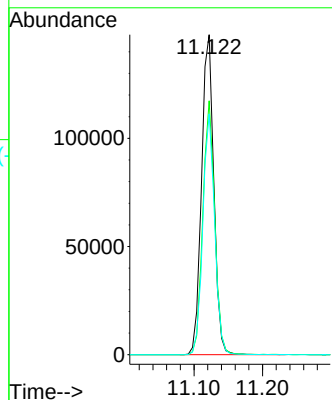
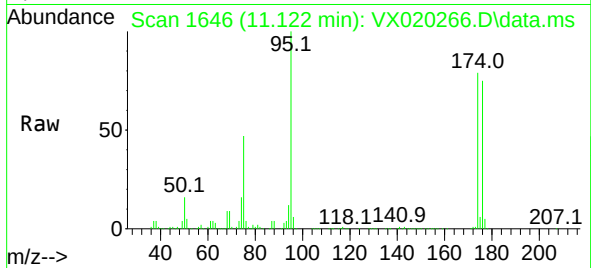




#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

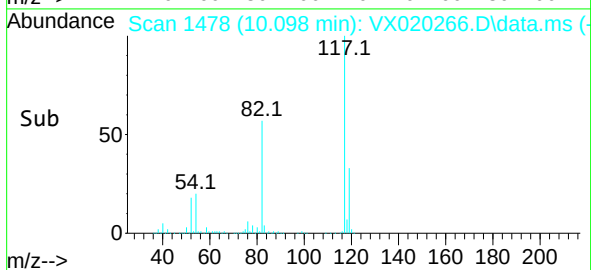
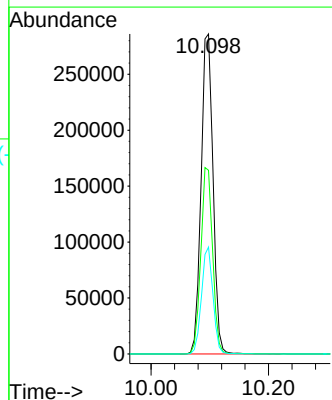
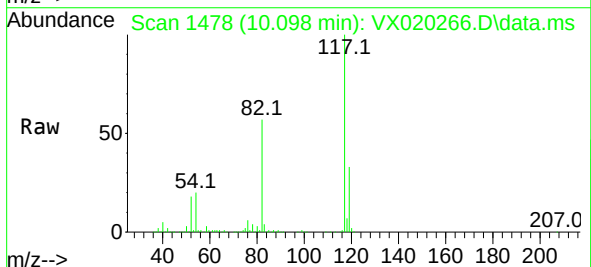
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02

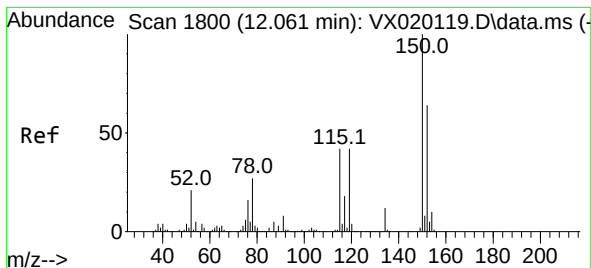
Tgt Ion: 95 Resp: 184204
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 72.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Tgt Ion: 117 Resp: 403147
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 33.4 26.6 39.8

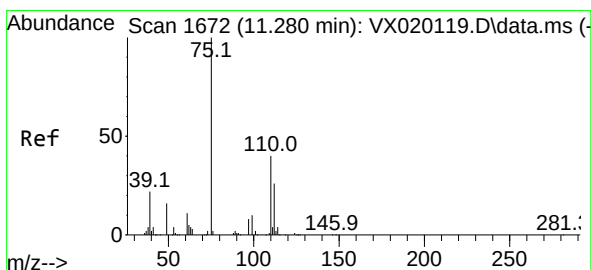
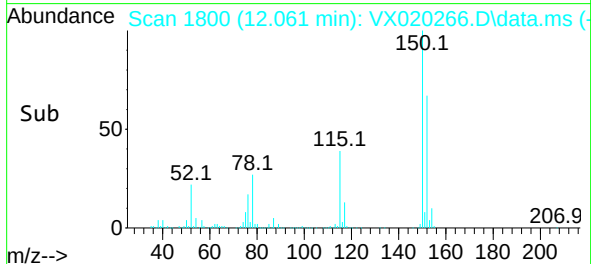
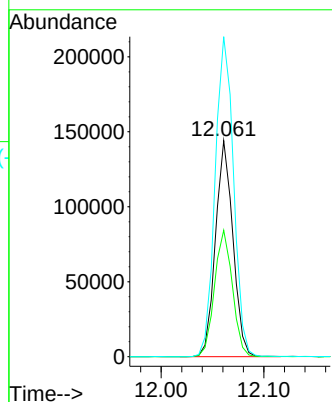
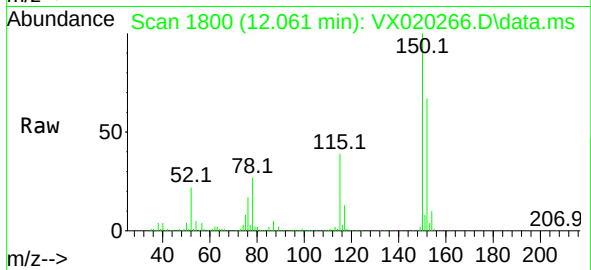




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020266.D
 Acq: 21 Dec 2020 22:16

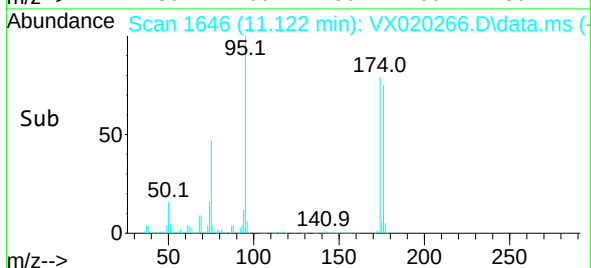
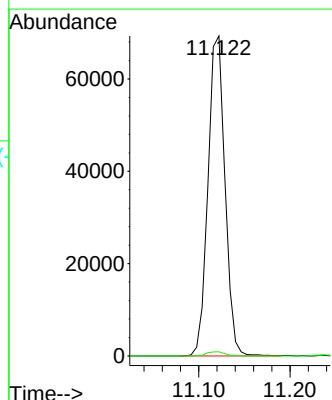
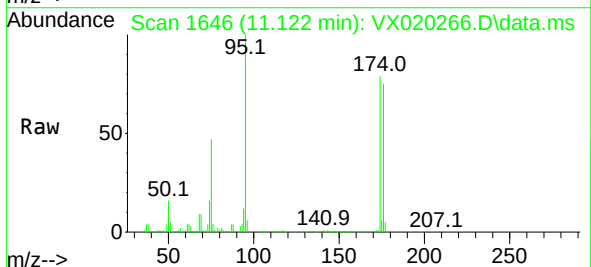
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBL02

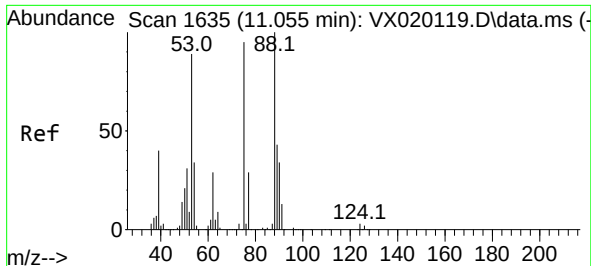
Tgt Ion:152 Resp: 169331
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.44 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020266.D
 Acq: 21 Dec 2020 22:16

Tgt Ion: 75 Resp: 89430
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

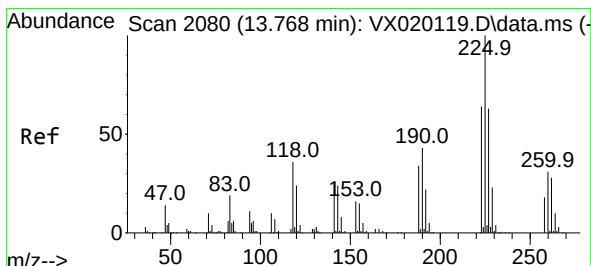
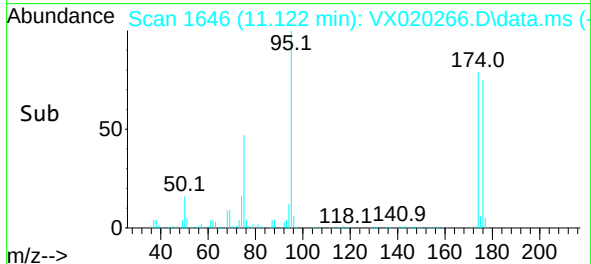
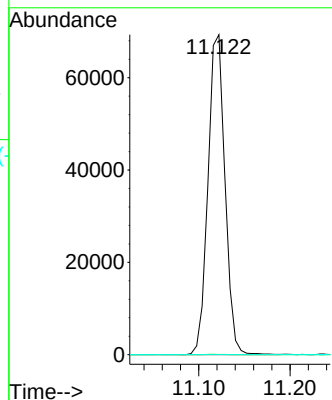
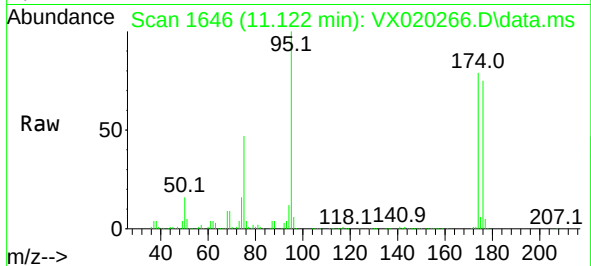




#81
trans-1,4-Dichloro-2-butene
Concen: 63.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL02

Tgt Ion: 75 Resp: 89430
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.75 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020266.D
Acq: 21 Dec 2020 22:16

Tgt Ion: 225 Resp: 176
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 53.4 31.6 95.0

