

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020142.D
 Acq On : 19 Dec 2020 01:25
 Operator : JC/MD
 Sample : VX1218WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBL02

Quant Time: Dec 19 04:51:58 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	320726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	525450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	488846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	209086	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	200695	46.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.36%
35) Dibromofluoromethane	5.458	113	164302	48.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.76%
50) Toluene-d8	8.689	98	637553	49.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.56%
62) 4-Bromofluorobenzene	11.116	95	227425	45.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.86%

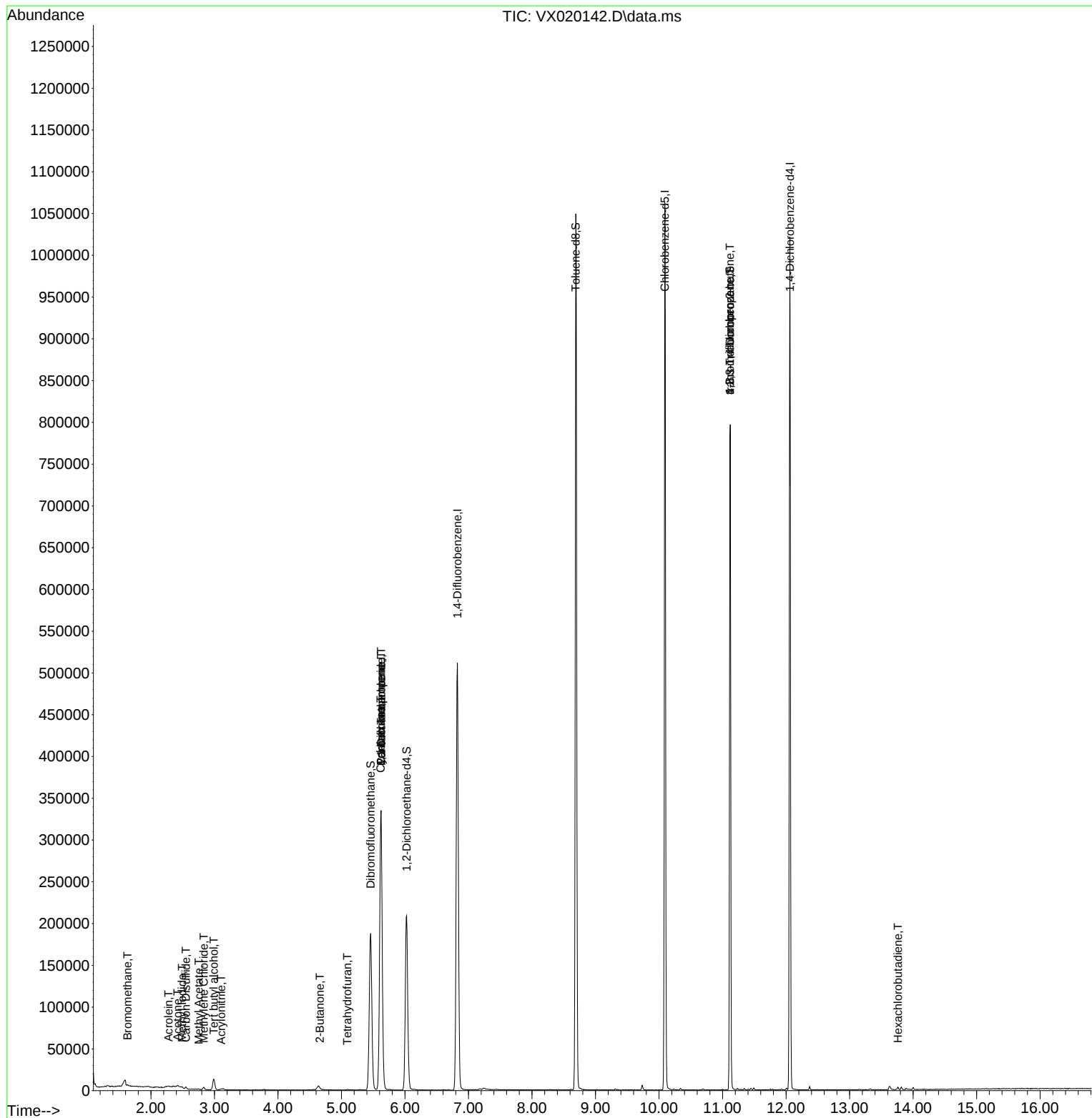
Target Compounds						Qvalue
5) Bromomethane	1.630	94	812	0.58	ug/l	94
10) Methyl Iodide	2.489	142	1652	3.64	ug/l	97
11) Tert butyl alcohol	2.989	59	7685	7.98	ug/l #	75
13) Acrolein	2.276	56	450	0.75	ug/l #	76
15) Acrylonitrile	3.105	53	943	0.43	ug/l	95
16) Acetone	2.416	43	1299	0.66	ug/l	98
17) Carbon Disulfide	2.550	76	2554	0.26	ug/l #	78
18) Methyl Acetate	2.751	43	1338	0.31	ug/l #	78
20) Methylene Chloride	2.831	84	1291	0.29	ug/l	93
25) 2-Butanone	4.660	43	736	0.26	ug/l #	45
29) Tetrahydrofuran	5.092	42	644	0.36	ug/l #	49
31) Cyclohexane	5.617	56	6343	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	24854	4.79	ug/l #	48
38) Carbon Tetrachloride	5.623	117	31165	6.31	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	110212	21.40	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	110212	63.49	ug/l #	12
94) Hexachlorobutadiene	13.762	225	535	2.91	ug/l	91

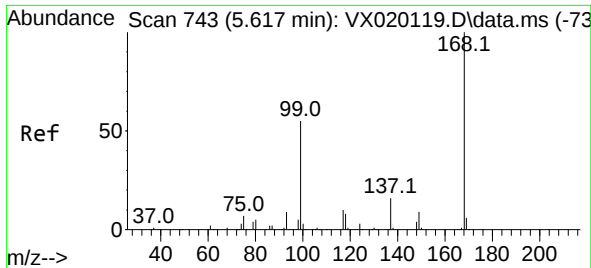
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
Data File : VX020142.D
Acq On : 19 Dec 2020 01:25
Operator : JC/MD
Sample : VX1218WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

Quant Time: Dec 19 04:51:58 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

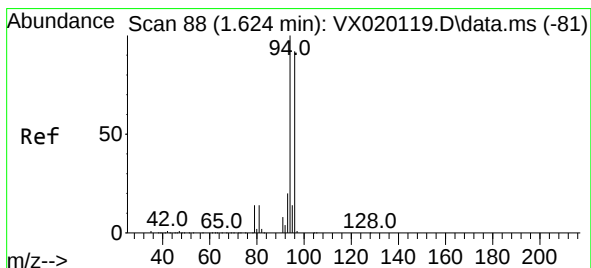
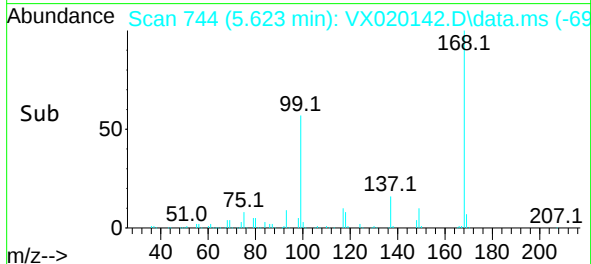
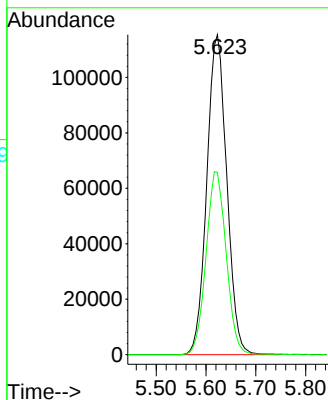
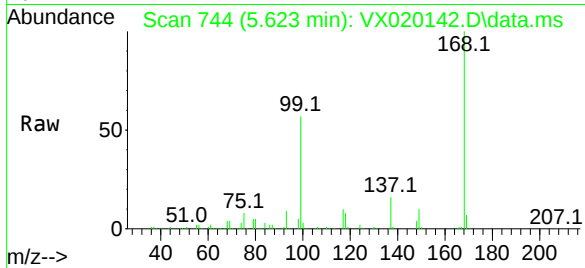




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

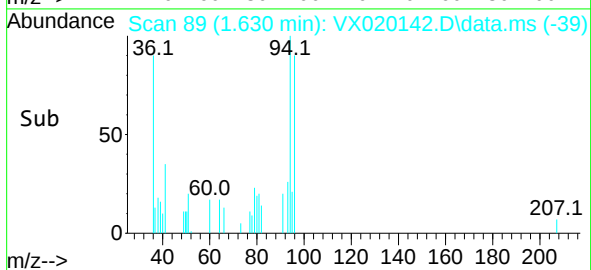
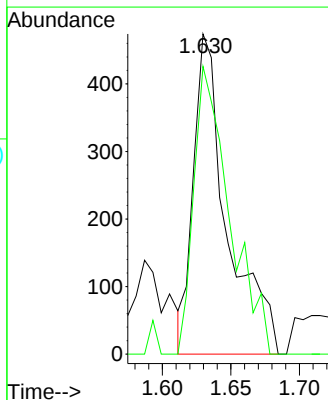
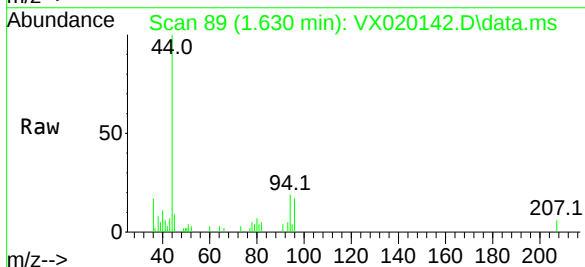
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

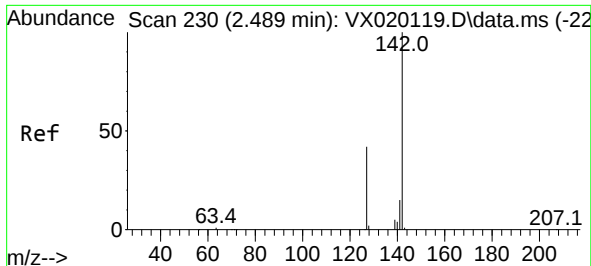
Tgt Ion:168 Resp: 320726
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#5
Bromomethane
Concen: 0.58 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

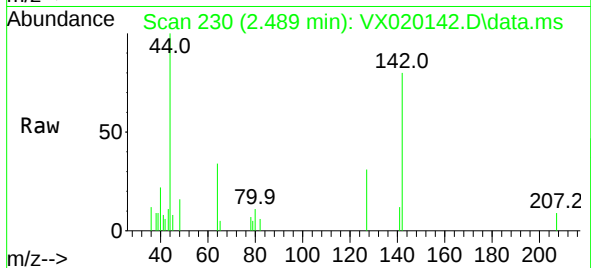
Tgt Ion: 94 Resp: 812
Ion Ratio Lower Upper
94 100
96 89.9 76.4 114.6



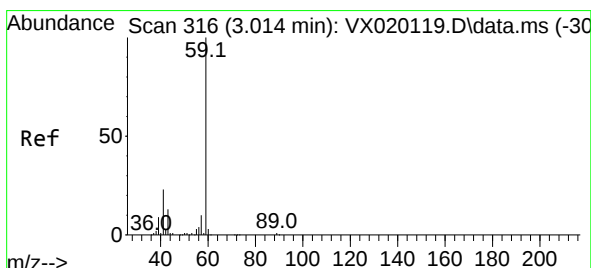
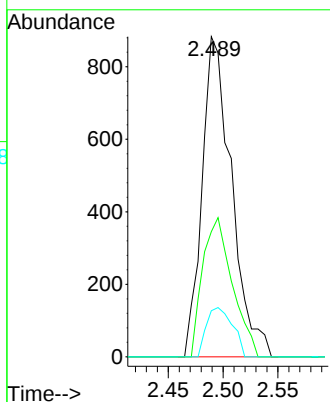
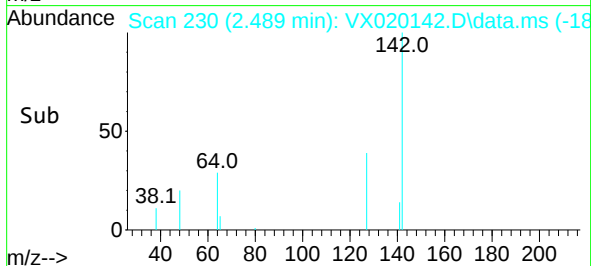


#10
Methyl Iodide
Concen: 3.64 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

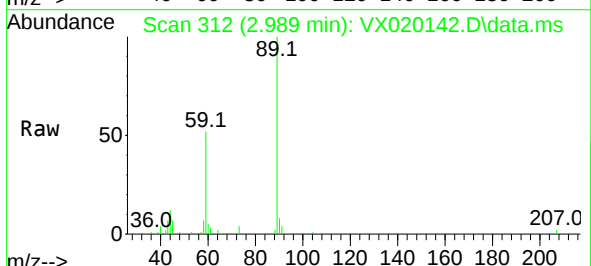
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02



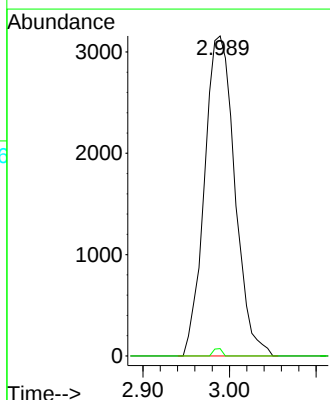
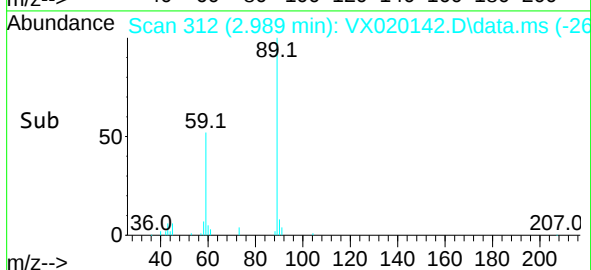
Tgt Ion:	142	Resp:	1652
Ion	Ratio	Lower	Upper
142	100		
127	43.7	33.3	49.9
141	13.6	11.4	17.0

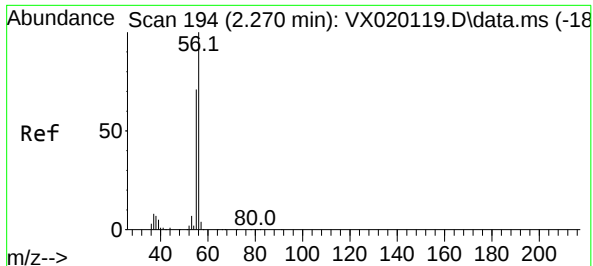


#11
Tert butyl alcohol
Concen: 7.98 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25



Tgt Ion:	59	Resp:	7685
Ion	Ratio	Lower	Upper
59	100		
57	0.7	7.8	11.8#

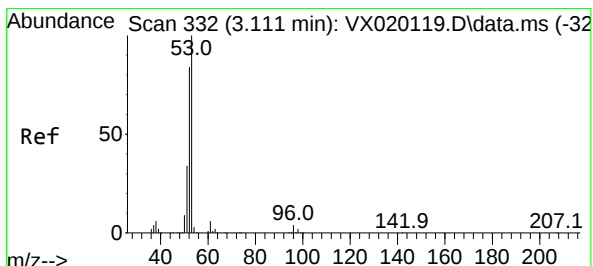
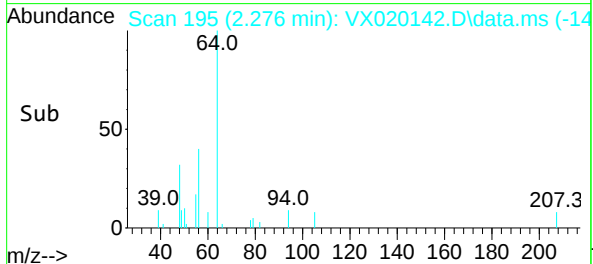
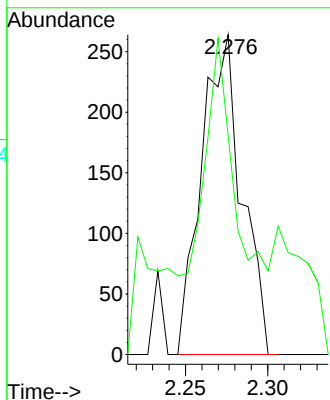
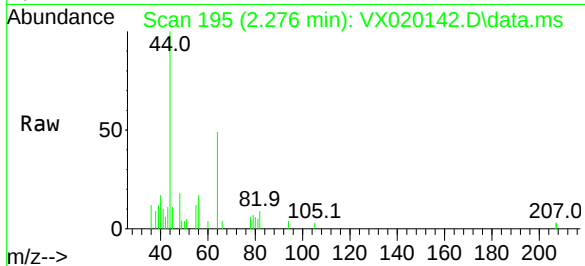




#13
Acrolein
Concen: 0.75 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

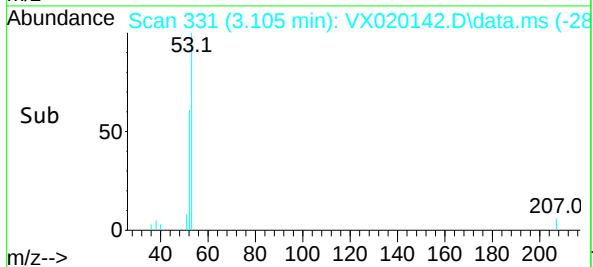
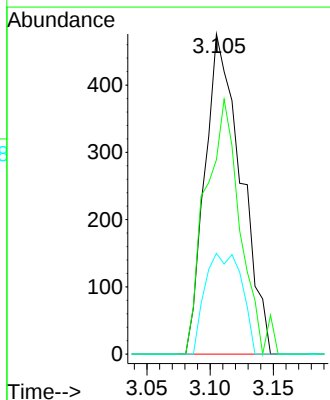
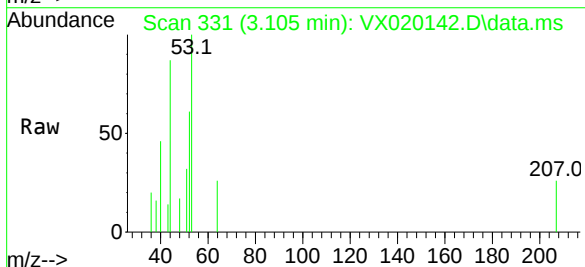
Instrument :
MSVOA_X
ClientSampled :
VX1218WBL02

Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
55 50.9 56.4 84.6#



#15
Acrylonitrile
Concen: 0.43 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion: 53 Resp: 943
Ion Ratio Lower Upper
53 100
52 76.9 65.3 97.9
51 32.0 28.2 42.2

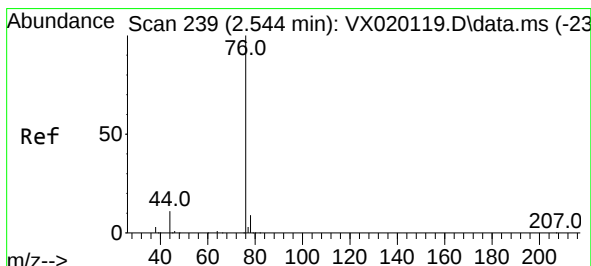
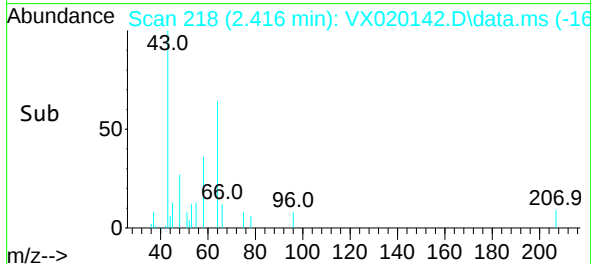
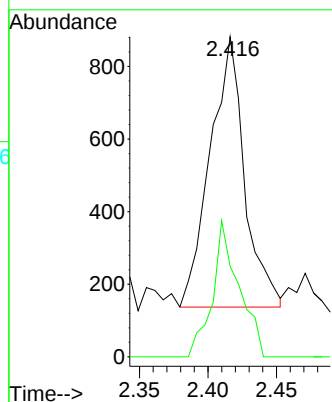
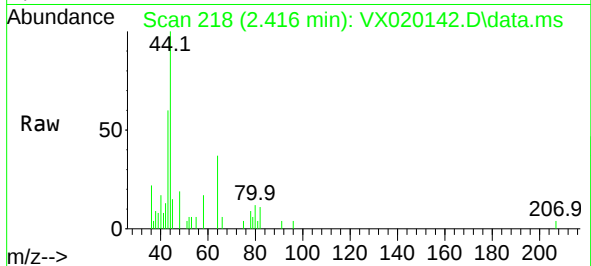




#16
Acetone
Concen: 0.66 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

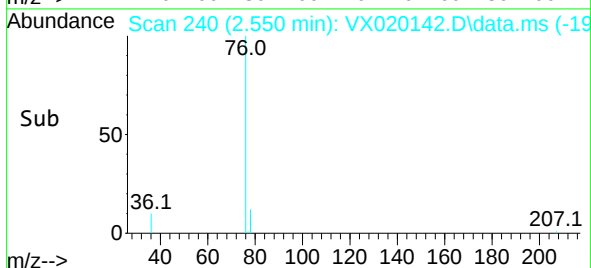
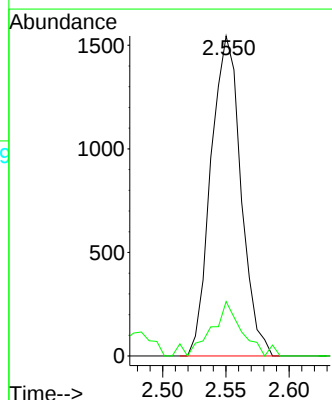
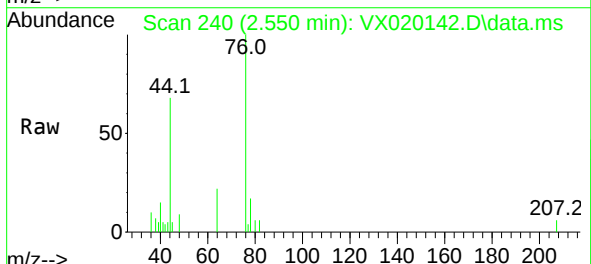
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

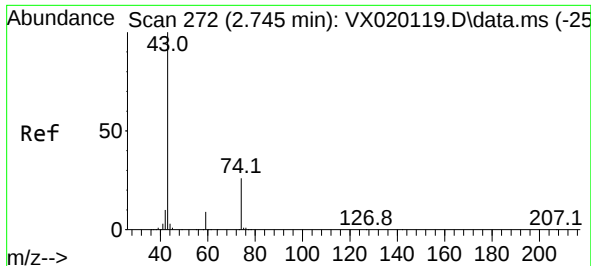
Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion: 76 Resp: 2554
Ion Ratio Lower Upper
76 100
78 17.0 7.2 10.8#

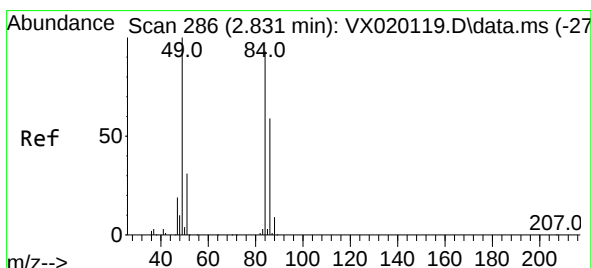
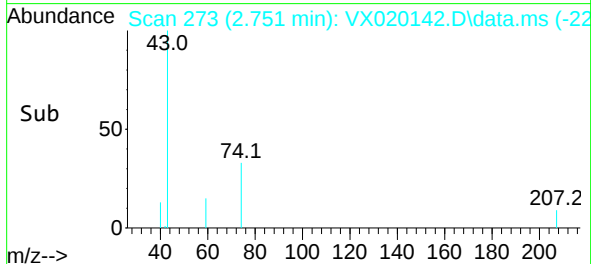
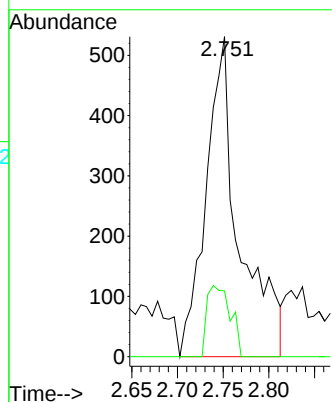
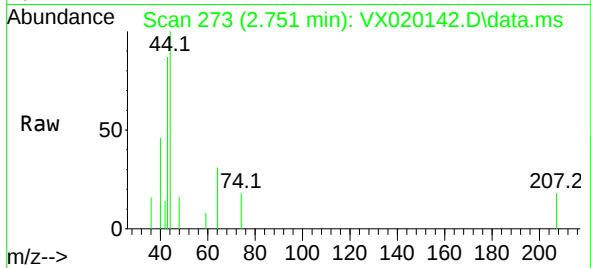




#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

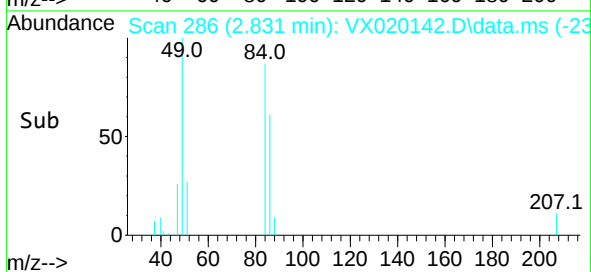
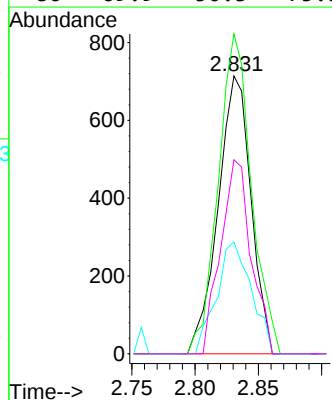
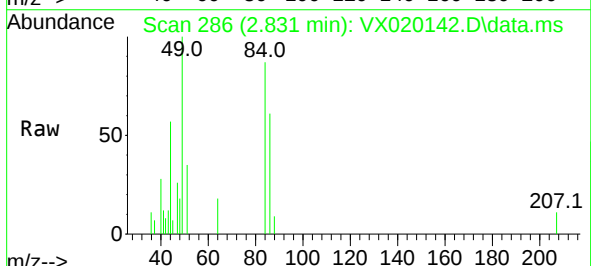
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

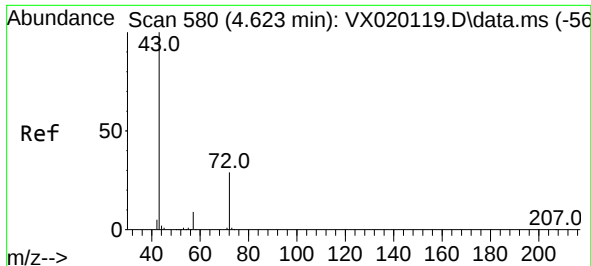
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
74 15.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion: 84 Resp: 1291
Ion Ratio Lower Upper
84 100
49 115.1 88.6 132.8
51 40.3 27.0 40.6
86 69.9 50.3 75.5

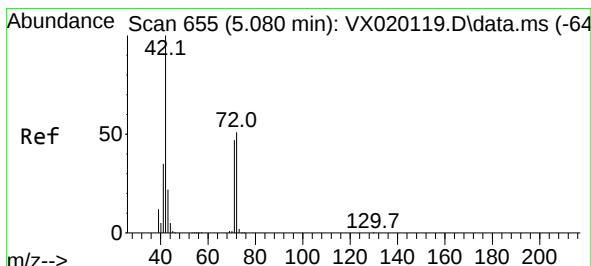
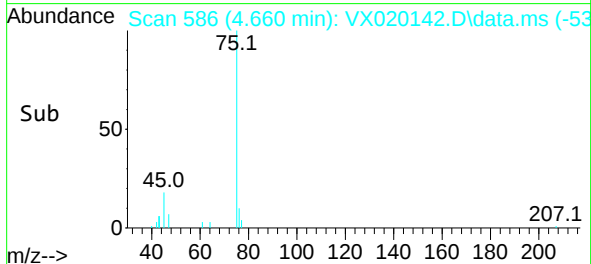
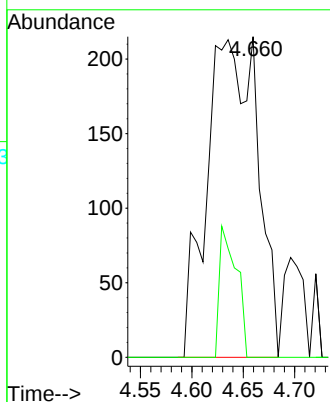
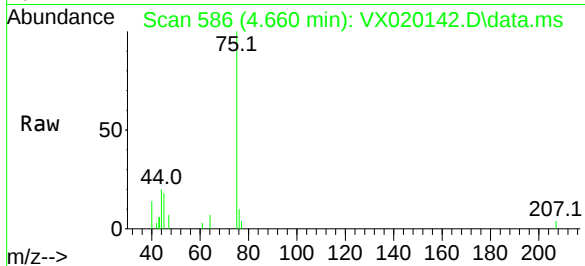




#25
2-Butanone
Concen: 0.26 ug/l
RT: 4.660 min Scan# 586
Delta R.T. 0.037 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

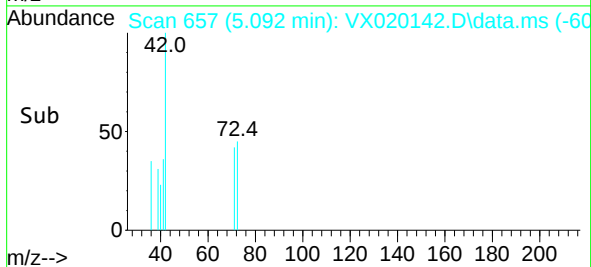
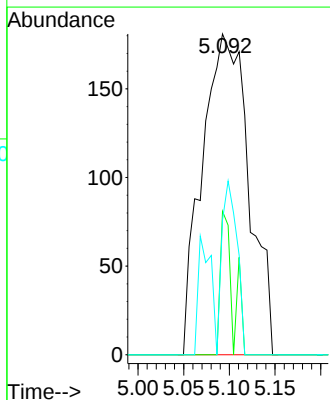
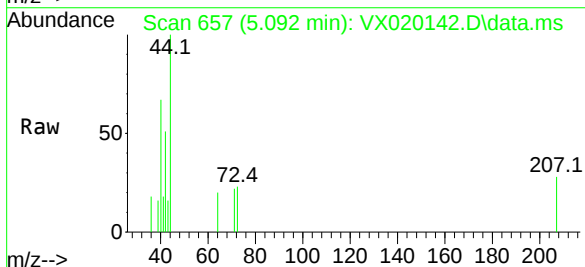
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

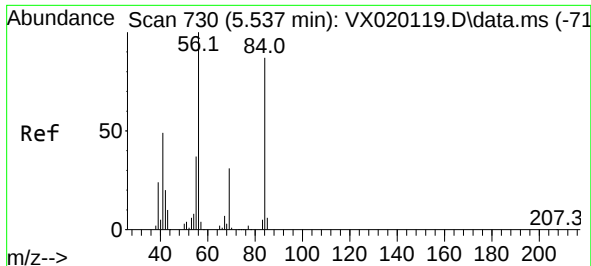
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

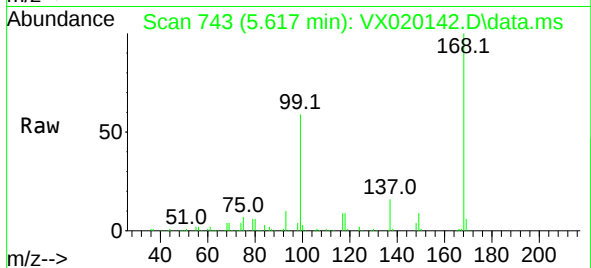
Tgt Ion: 42 Resp: 644
Ion Ratio Lower Upper
42 100
72 11.8 41.7 62.5#
71 17.5 38.4 57.6#



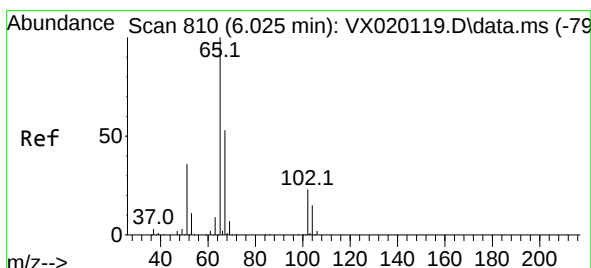
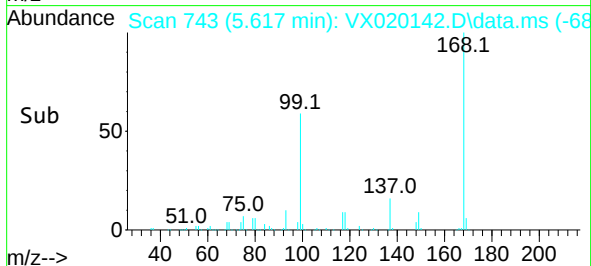
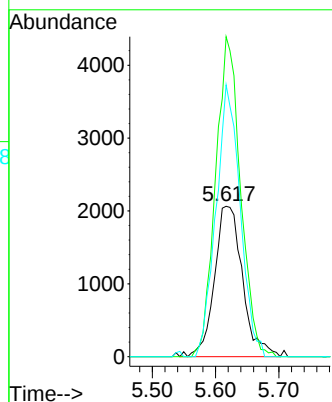


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

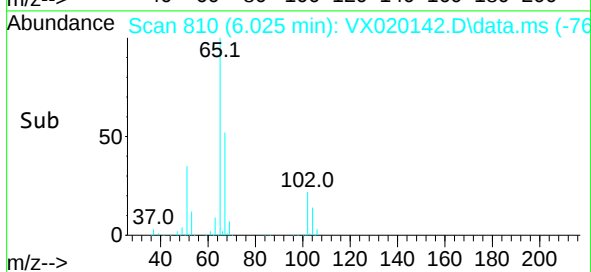
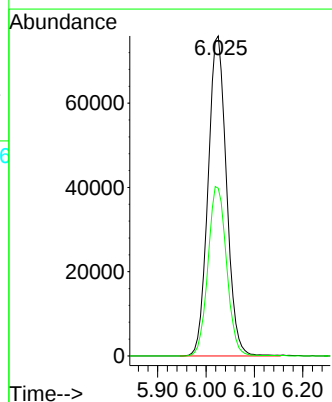
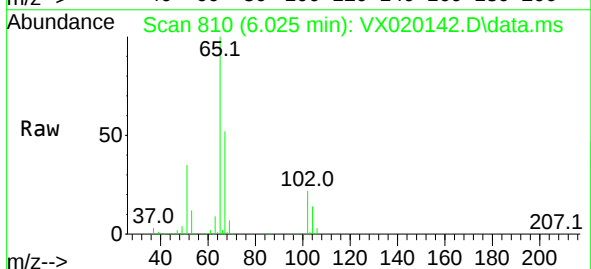


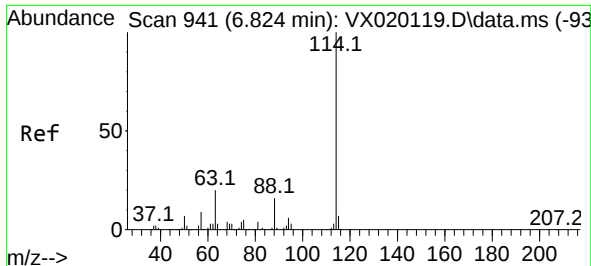
Tgt Ion: 56 Resp: 6343
Ion Ratio Lower Upper
56 100
69 212.8 25.3 37.9#
84 180.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.68 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion: 65 Resp: 200695
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

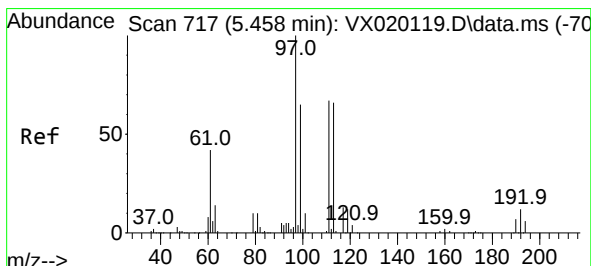
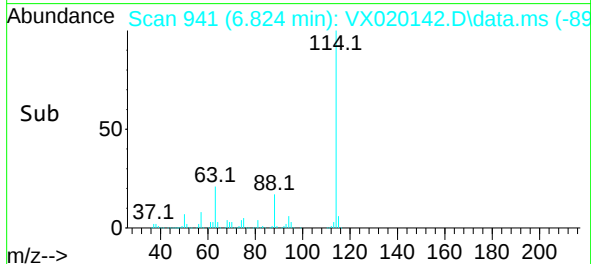
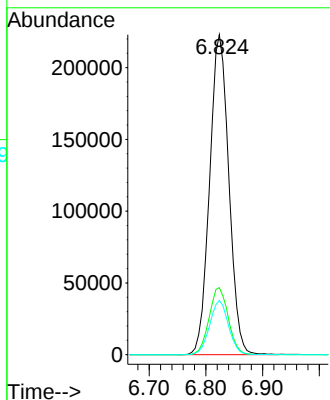
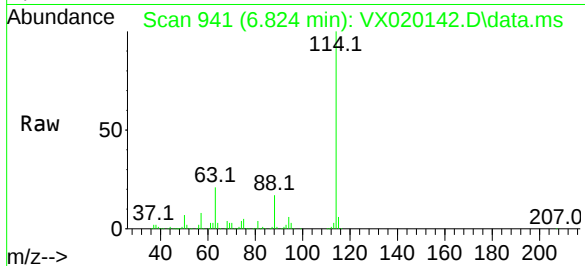




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

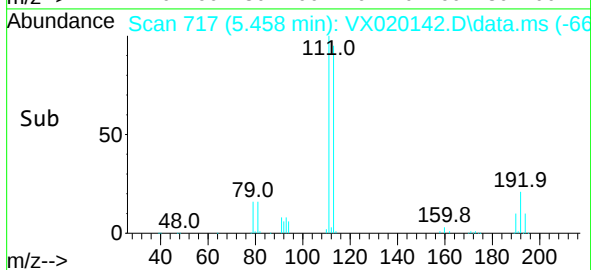
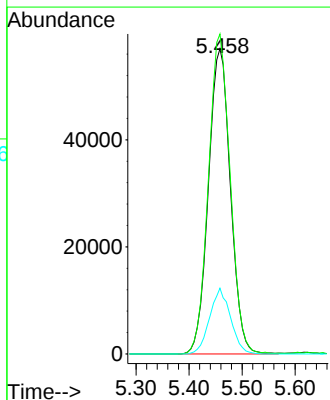
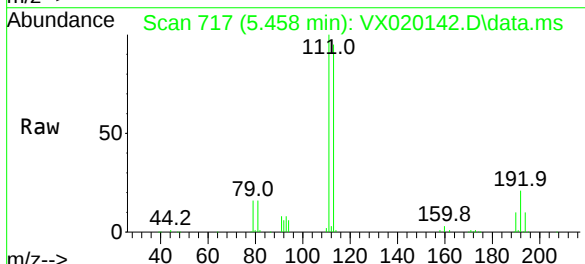
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

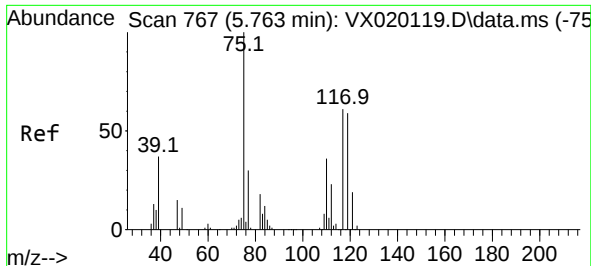
Tgt Ion:	114	Resp:	525450
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	16.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.88 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion:	113	Resp:	164302
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.9	122.9
192	20.5	16.7	25.1

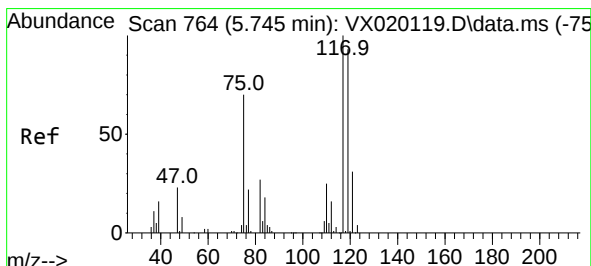
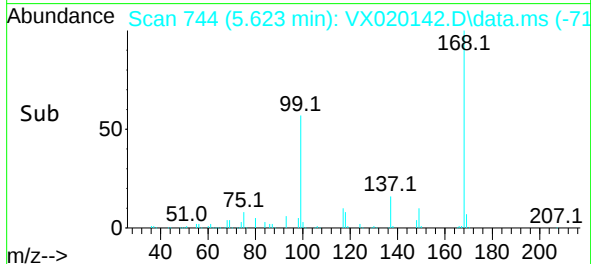
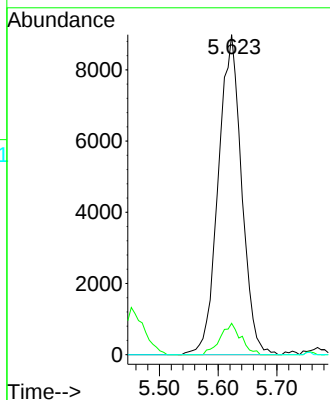
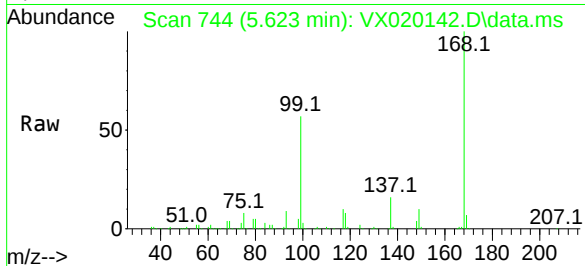




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

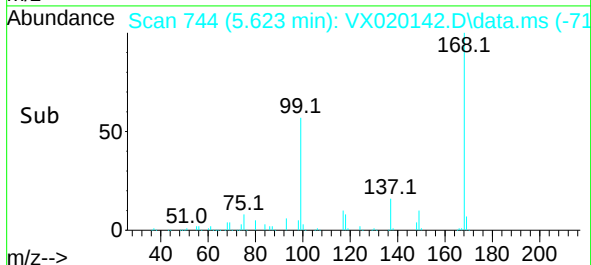
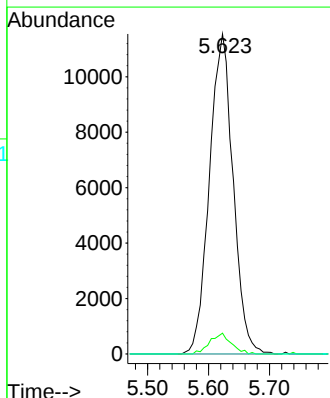
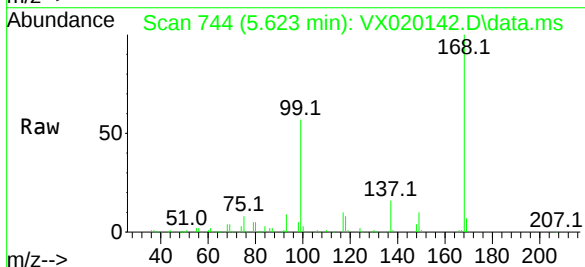
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

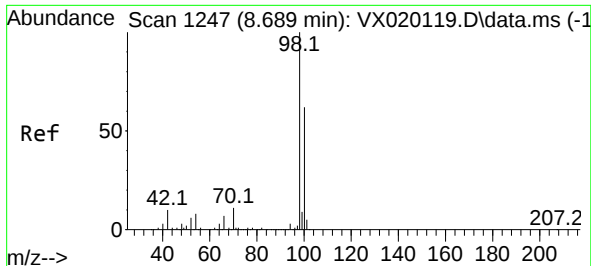
Tgt Ion: 75 Resp: 24854
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion: 117 Resp: 31165
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

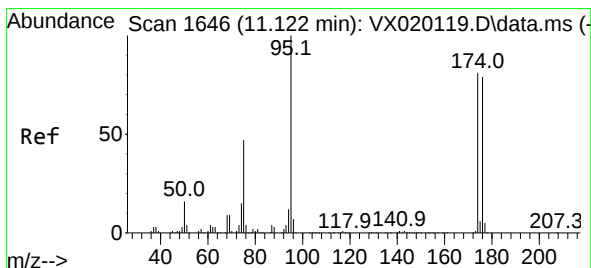
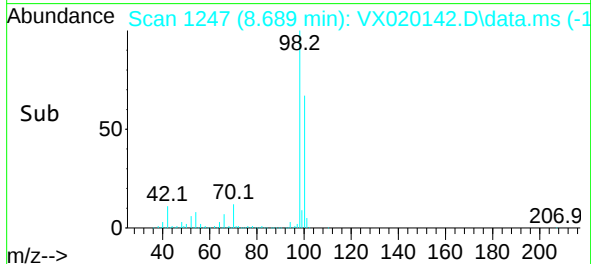
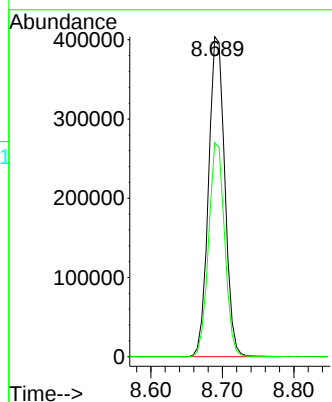
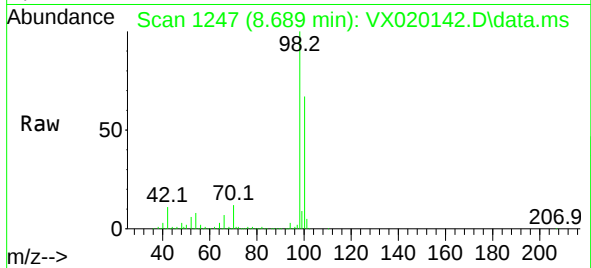




#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

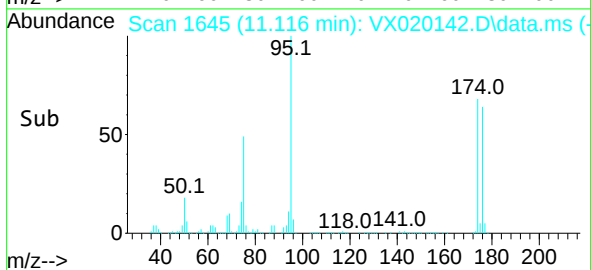
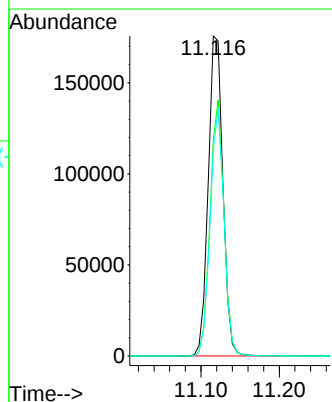
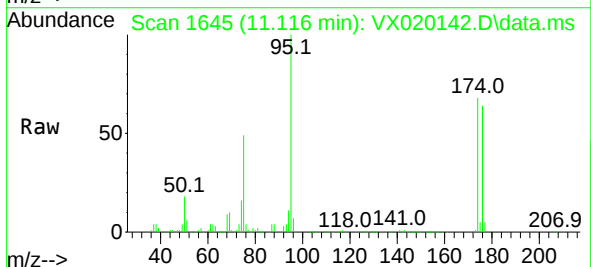
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

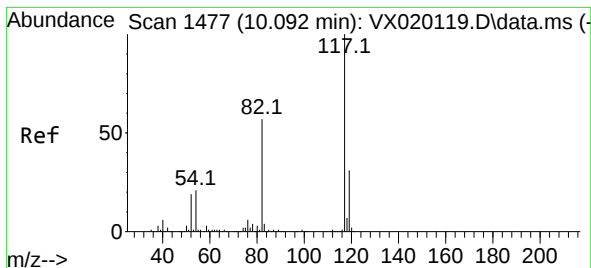
Tgt Ion: 98 Resp: 637553
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.93 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion: 95 Resp: 227425
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.1 0.0 155.8

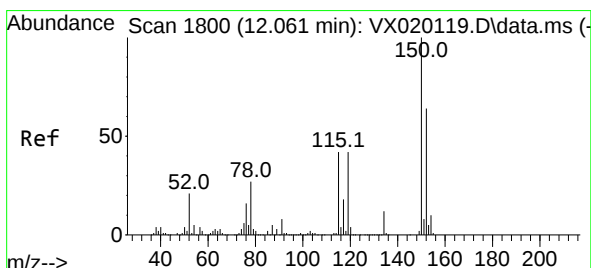
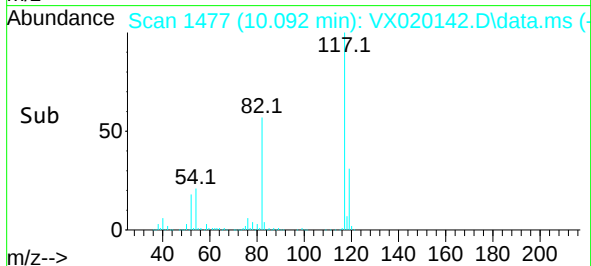
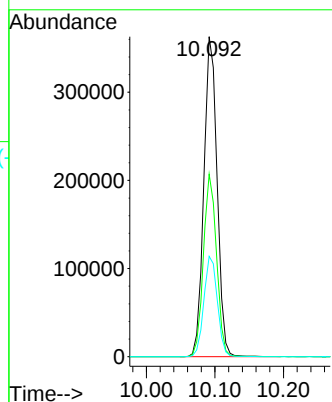
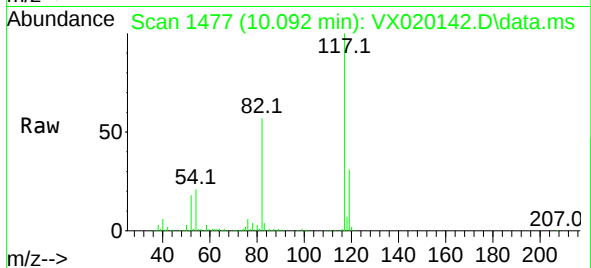




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

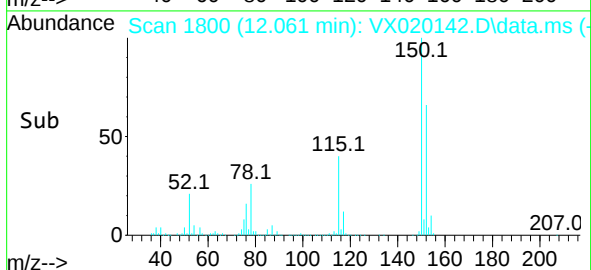
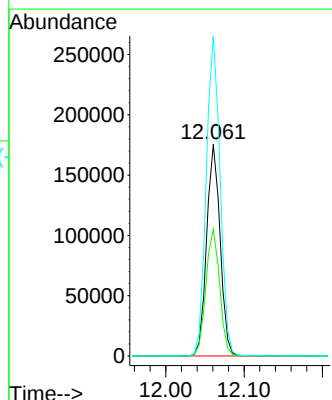
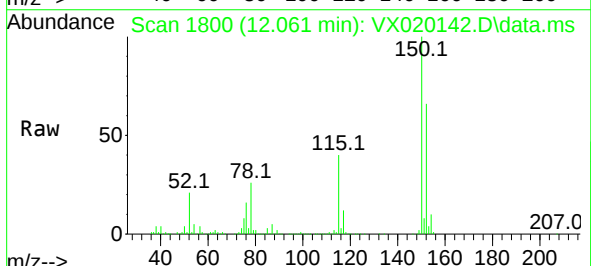
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

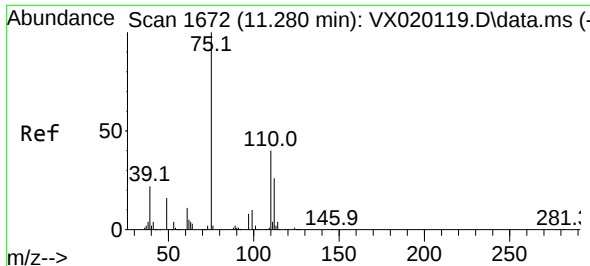
Tgt Ion:117 Resp: 488846
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

Tgt Ion:152 Resp: 209086
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 155.6 0.0 349.0

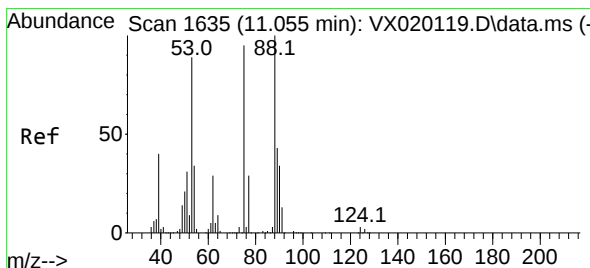
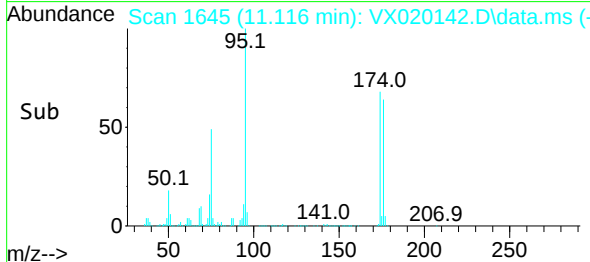
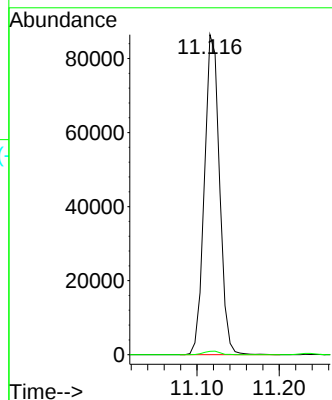
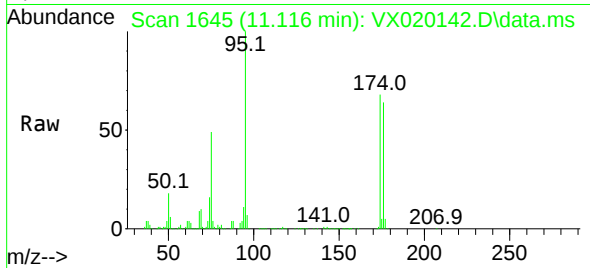




#76
1,2,3-Trichloropropane
Concen: 21.40 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

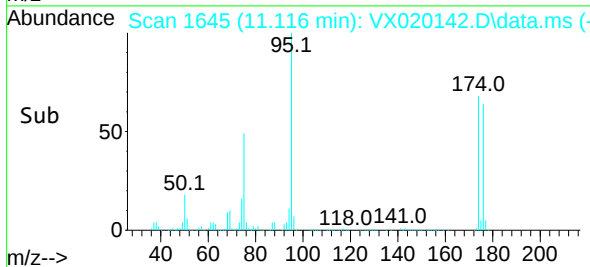
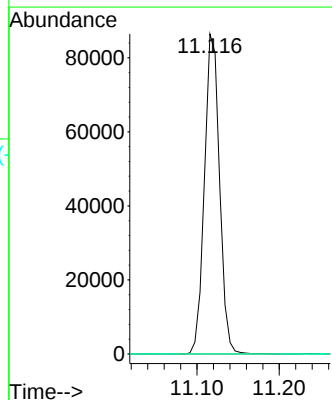
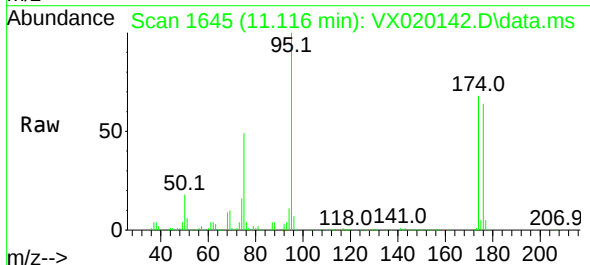
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL02

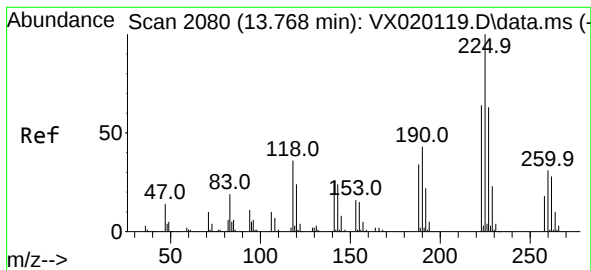
Tgt Ion: 75 Resp: 110212
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.49 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020142.D
Acq: 19 Dec 2020 01:25

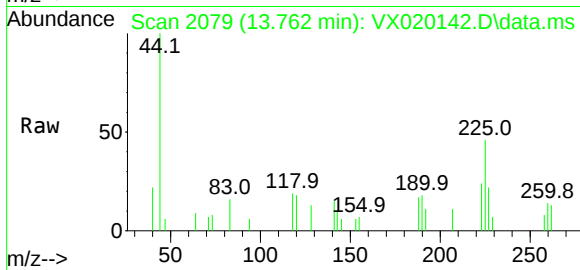
Tgt Ion: 75 Resp: 110212
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.91 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020142.D
 Acq: 19 Dec 2020 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBL02



Tgt Ion:	225	Resp:	535
Ion	Ratio	Lower	Upper
225	100		
223	52.3	31.1	93.2
227	58.7	31.6	95.0

