

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020724.D
 Acq On : 25 Jan 2021 14:46
 Operator : JC/SP
 Sample : VX0125WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBL01

Quant Time: Jan 27 11:51:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

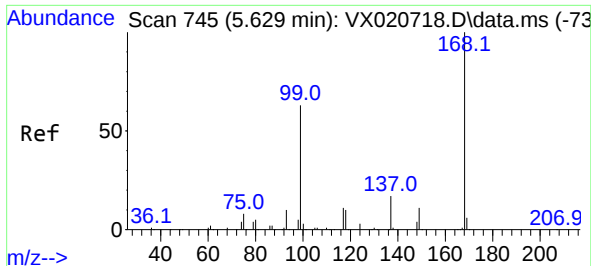
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	324905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	561184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	541531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	245336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	221353	49.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.90%		
35) Dibromofluoromethane	5.458	113	187602	48.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.60%		
50) Toluene-d8	8.690	98	697951	49.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.06%		
62) 4-Bromofluorobenzene	11.116	95	260129	47.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.06%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	194	1.24	ug/l #	42
5) Bromomethane	1.630	94	956	0.44	ug/l	94
10) Methyl Iodide	2.483	142	975	0.22	ug/l #	86
11) Tert butyl alcohol	2.995	59	3684	4.45	ug/l #	73
13) Acrolein	2.276	56	177	0.28	ug/l #	14
15) Acrylonitrile	3.123	53	441	0.21	ug/l	88
16) Acetone	2.410	43	1580	0.94	ug/l #	74
17) Carbon Disulfide	2.550	76	3143	1.21	ug/l #	70
20) Methylene Chloride	2.831	84	1006	0.24	ug/l	85
31) Cyclohexane	5.617	56	6902	1.16	ug/l #	25
36) 1,1-Dichloropropene	5.623	75	26021	4.62	ug/l #	49
38) Carbon Tetrachloride	5.623	117	34200	5.77	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2916	0.54	ug/l #	1
56) Ethyl methacrylate	9.165	69	21	2.79	ug/l #	1
74) N-amyl acetate	10.890	43	44	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	128632	22.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	128632	63.35	ug/l #	12
95) Naphthalene	13.817	128	937	2.92	ug/l #	83

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

Quant Time: Jan 27 11:51:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

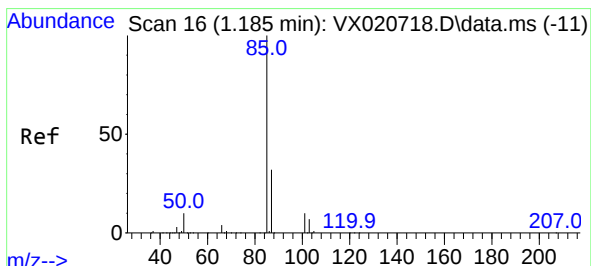
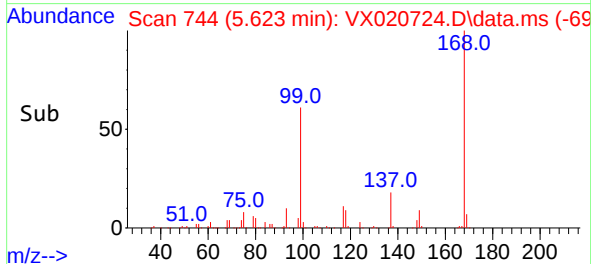
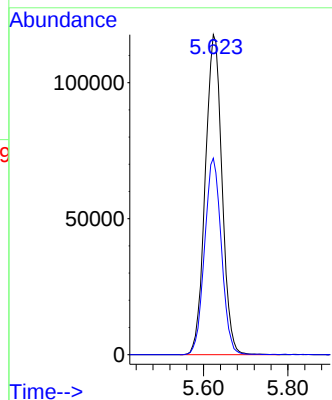
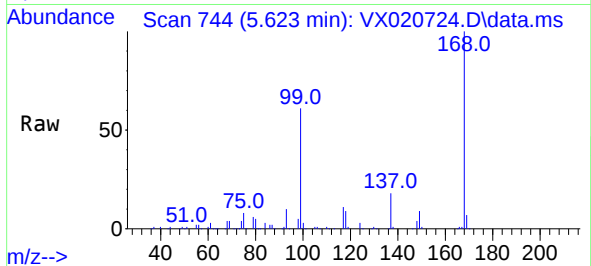




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

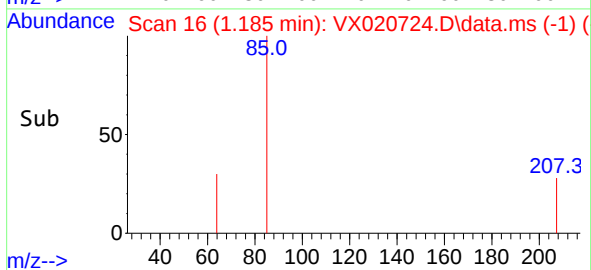
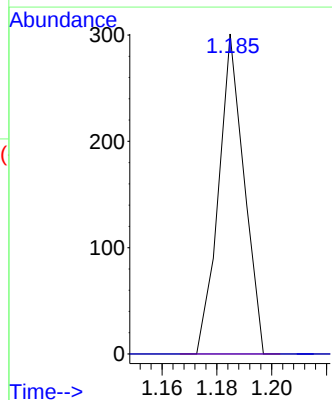
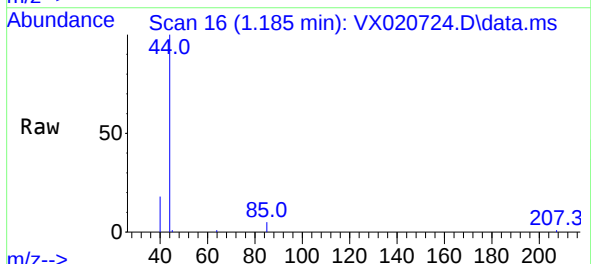
Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

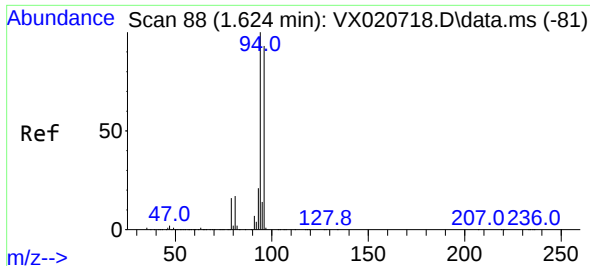
Tgt Ion:168 Resp: 324905
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.24 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 85 Resp: 194
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

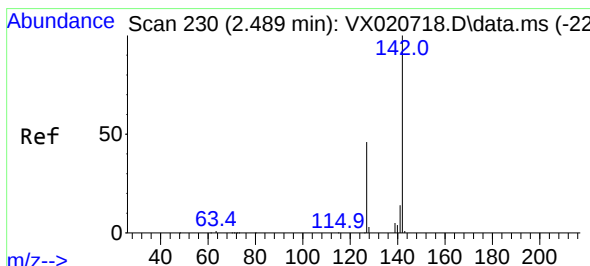
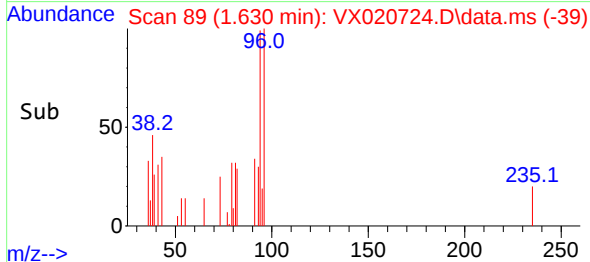
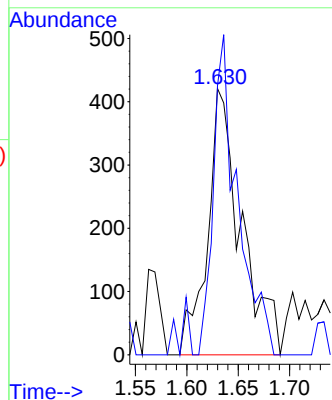
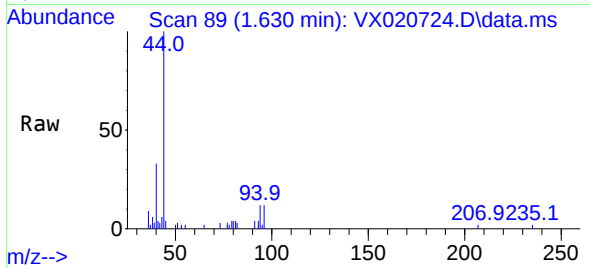




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

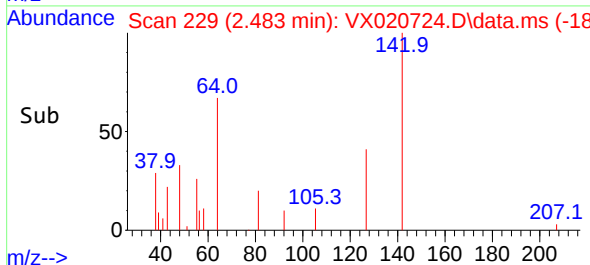
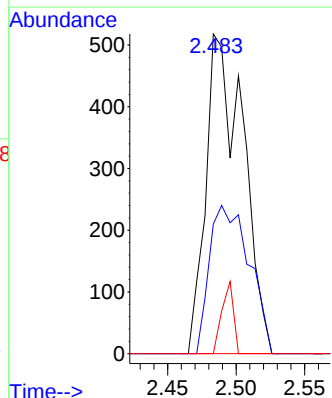
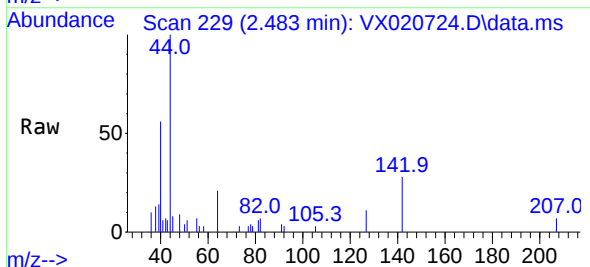
Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

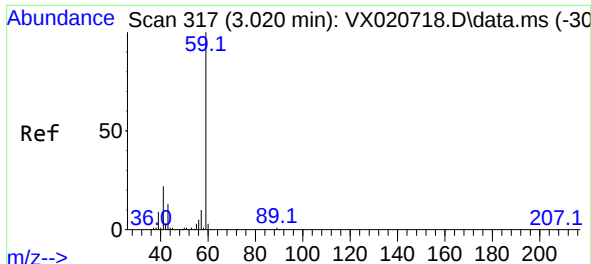
Tgt Ion: 94 Resp: 956
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 142 Resp: 975
Ion Ratio Lower Upper
142 100
127 49.8 33.3 49.9
141 7.0 11.4 17.0#



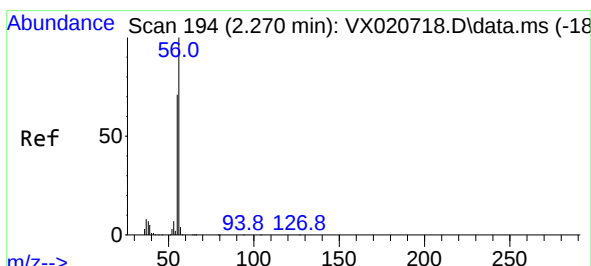
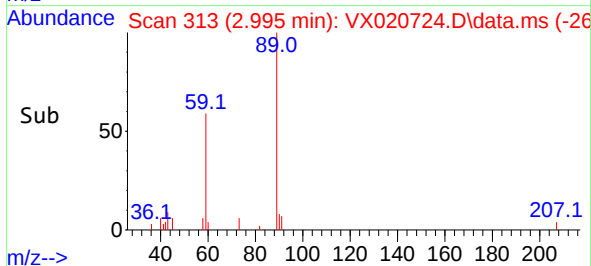
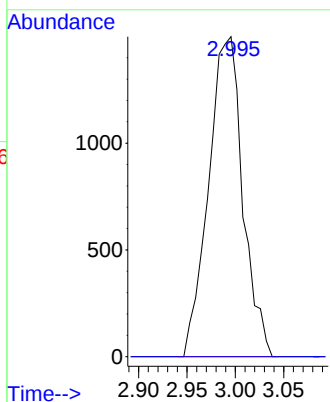
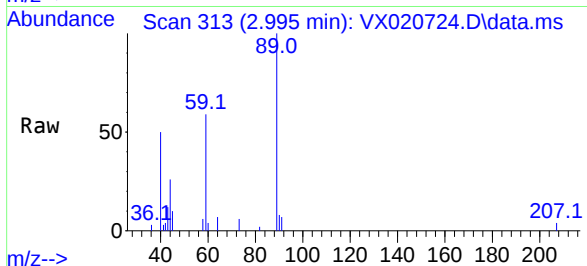


#11

Tert butyl alcohol
Concen: 4.45 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

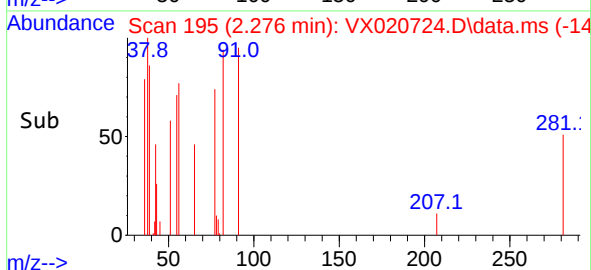
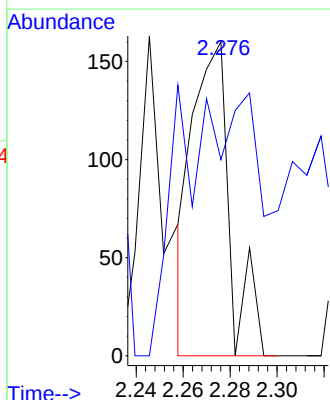
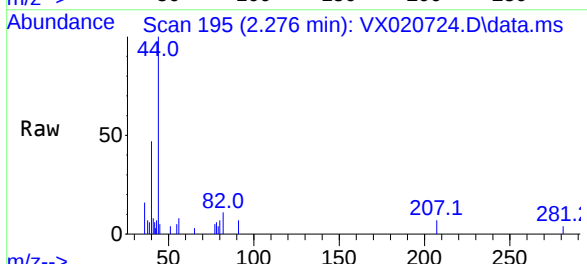
Tgt Ion: 59 Resp: 3684
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

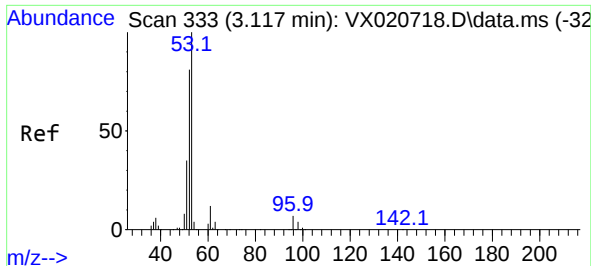


#13

Acrolein
Concen: 0.28 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

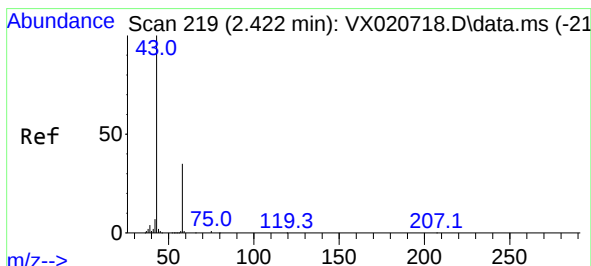
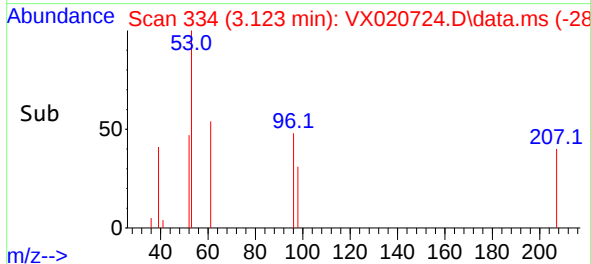
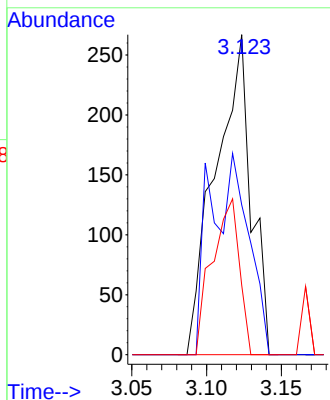
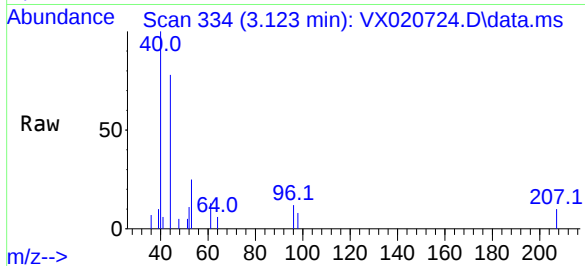




#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

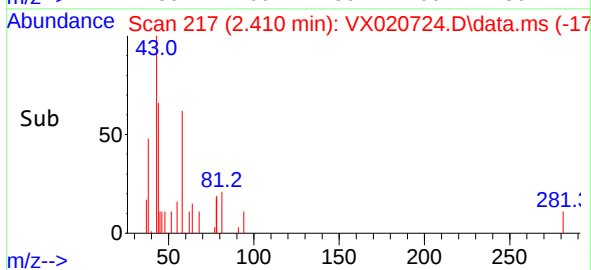
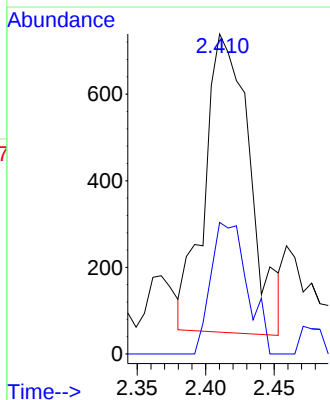
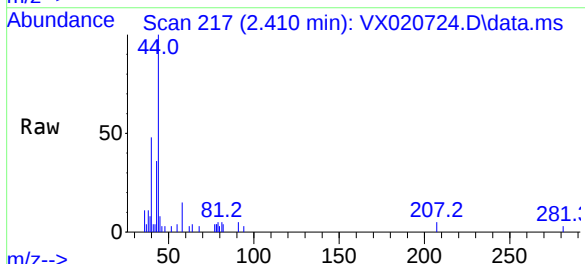
Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

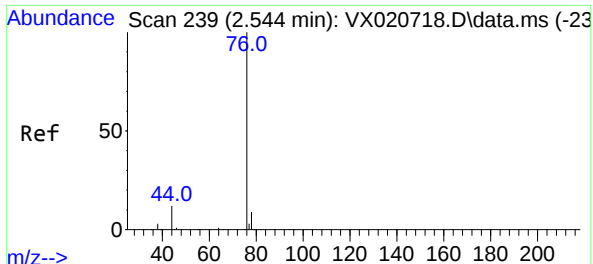
Tgt Ion: 53 Resp: 441
Ion Ratio Lower Upper
53 100
52 67.6 65.3 97.9
51 37.4 28.2 42.2



#16
Acetone
Concen: 0.94 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.012 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 49.6 27.8 41.8#





#17

Carbon Disulfide

Concen: 1.21 ug/l

RT: 2.550 min Scan# 240

Delta R.T. 0.006 min

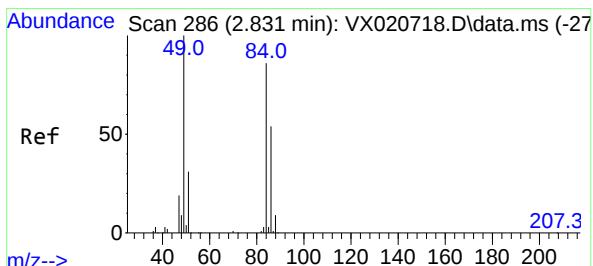
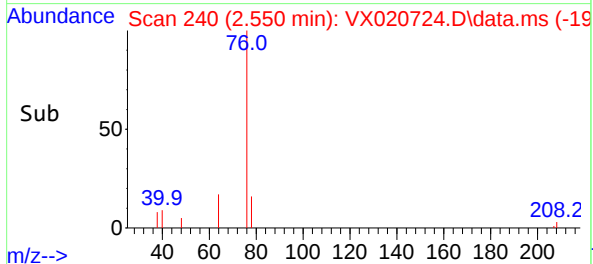
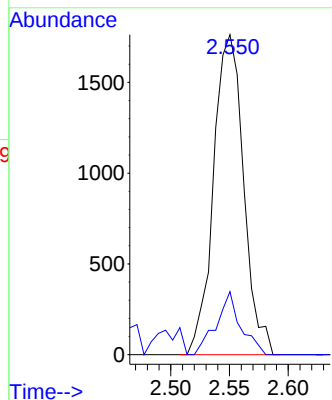
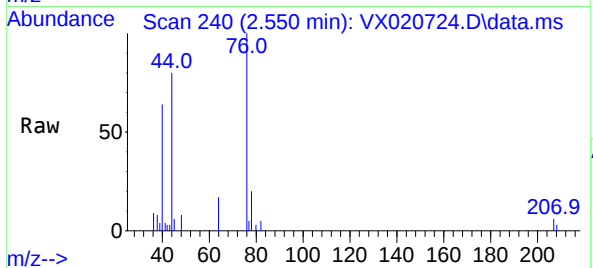
Lab File: VX020724.D

Acq: 25 Jan 2021 14:46

Tgt Ion: 76 Resp: 3143

Ion Ratio Lower Upper

76	100		
78	19.7	7.2	10.8#



#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

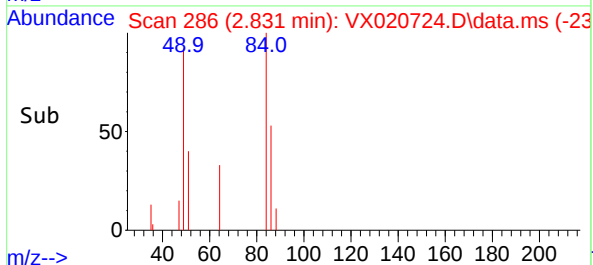
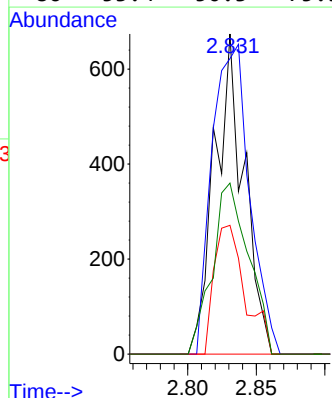
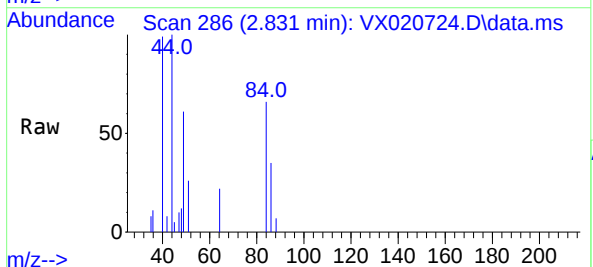
Lab File: VX020724.D

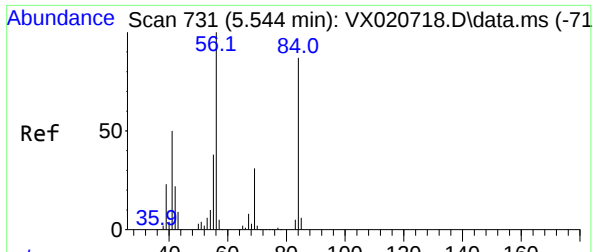
Acq: 25 Jan 2021 14:46

Tgt Ion: 84 Resp: 1006

Ion Ratio Lower Upper

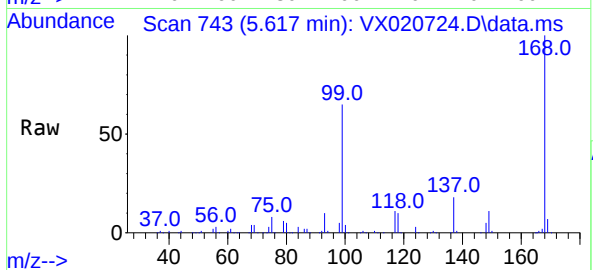
84	100		
49	92.3	88.6	132.8
51	40.2	27.0	40.6
86	53.4	50.3	75.5



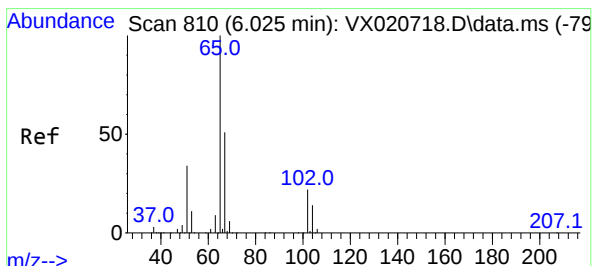
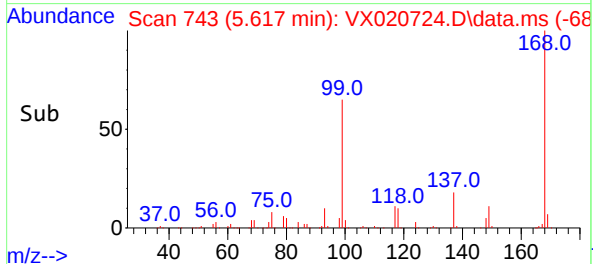
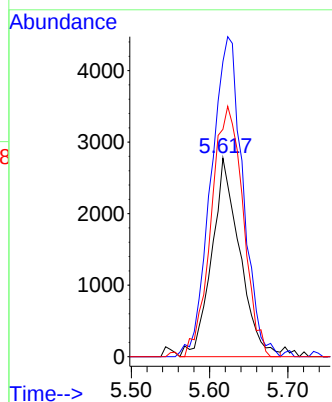


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

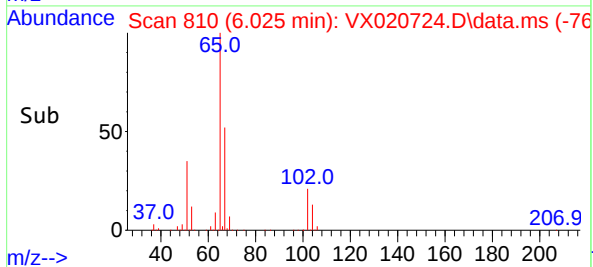
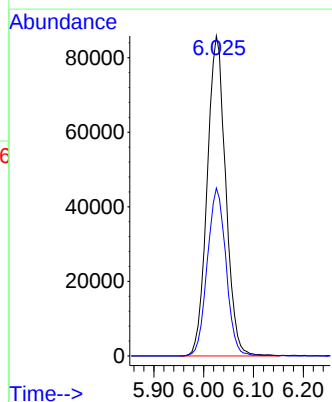
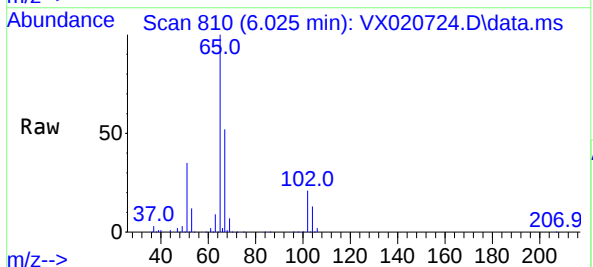


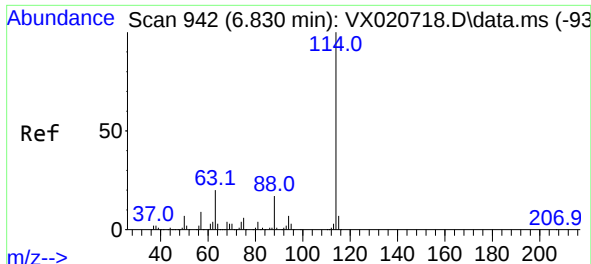
Tgt Ion: 56 Resp: 6902
Ion Ratio Lower Upper
56 100
69 148.5 25.3 37.9#
84 114.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.95 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 65 Resp: 221353
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



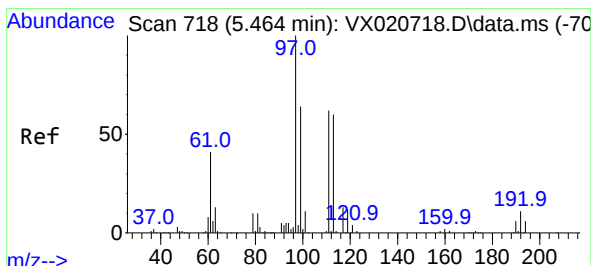
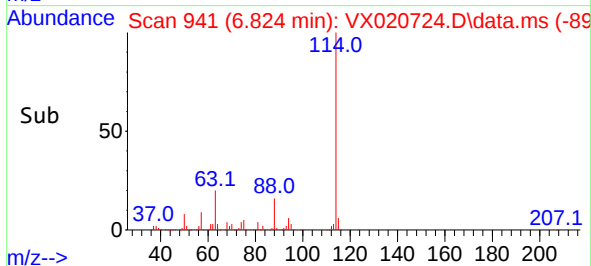
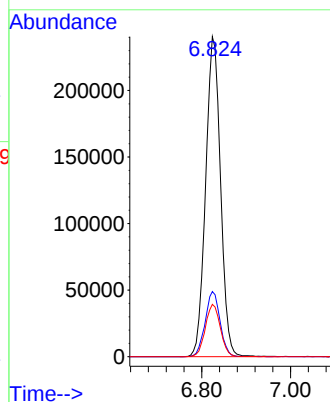
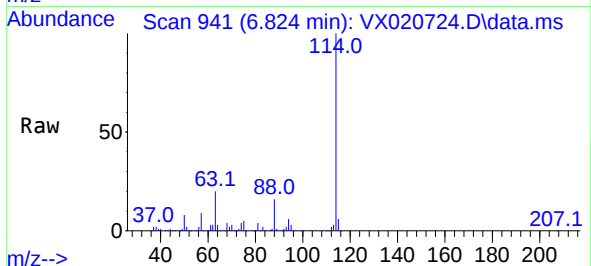


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

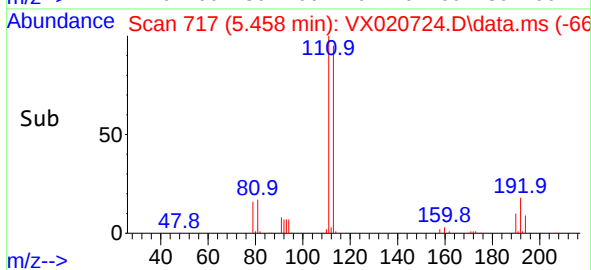
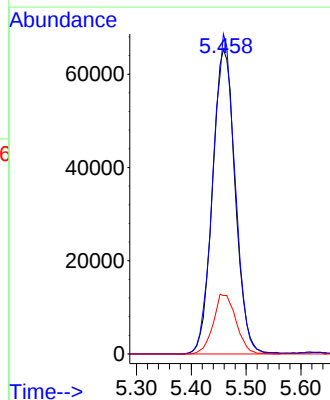
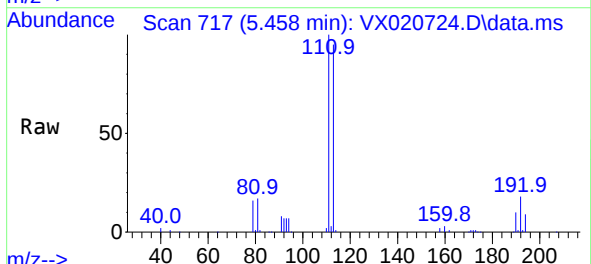
Tgt Ion:	114	Resp:	561184
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.4	0.0	32.8

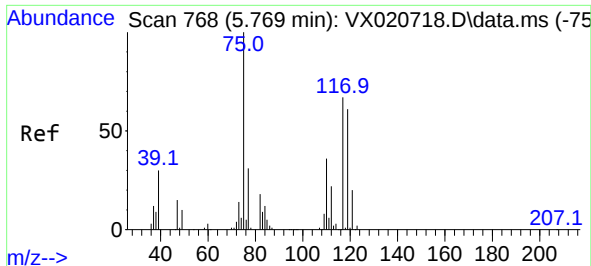


#35

Dibromofluoromethane
Concen: 48.80 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion:	113	Resp:	187602
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	19.7	16.7	25.1

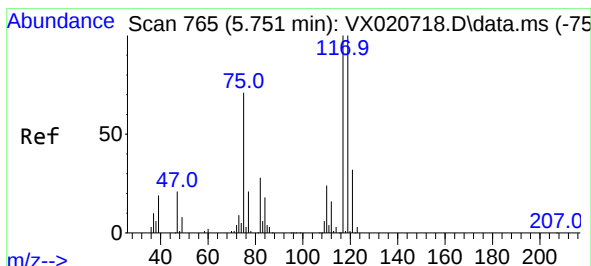
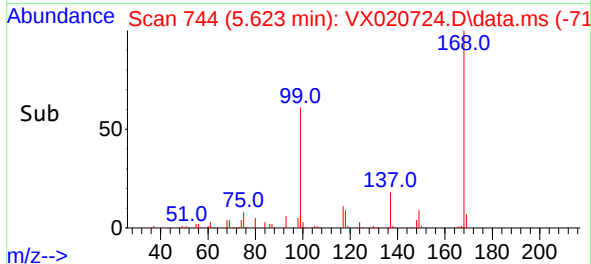
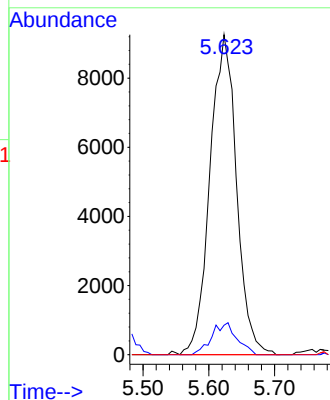
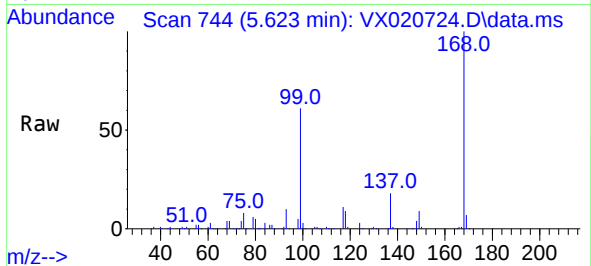




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

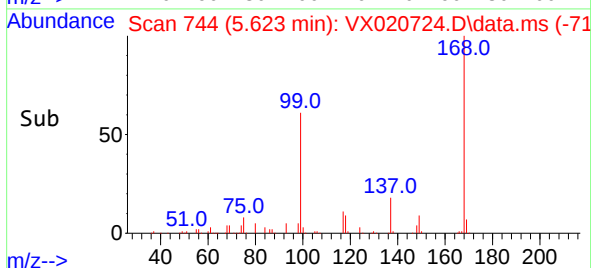
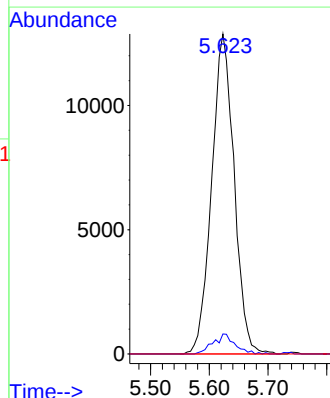
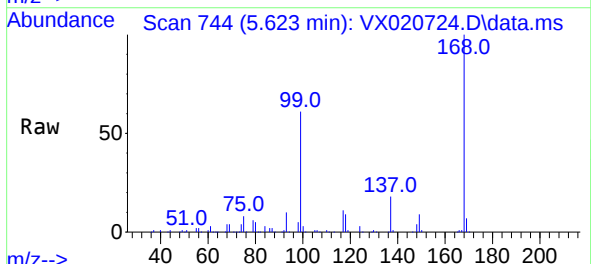
Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

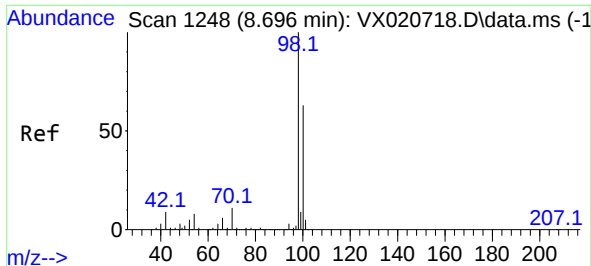
Tgt Ion:	75	Resp:	26021
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion:	117	Resp:	34200
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.2	114.2#
121	0.0	24.8	37.2#

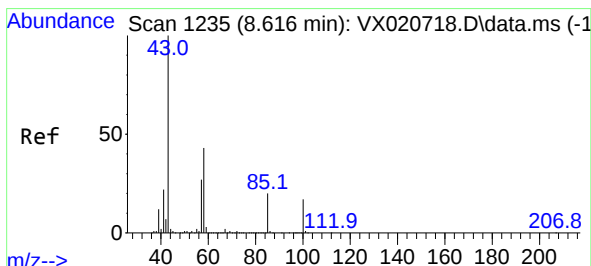
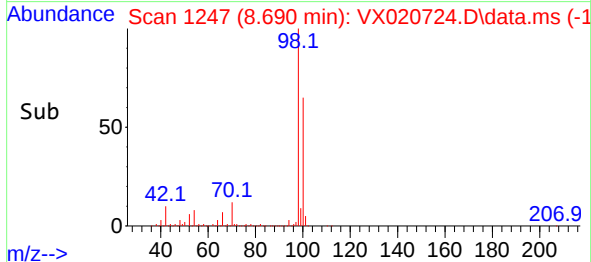
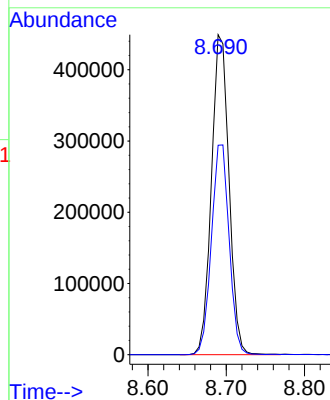
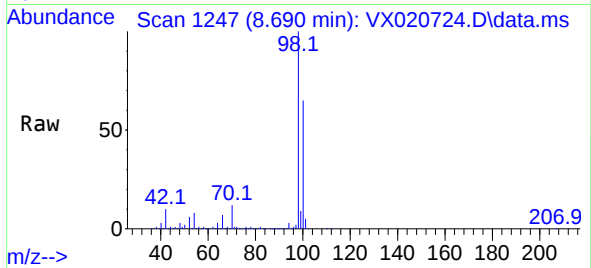




#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

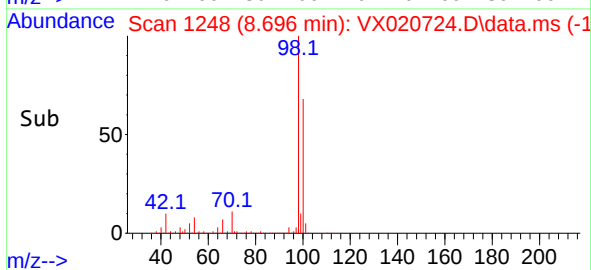
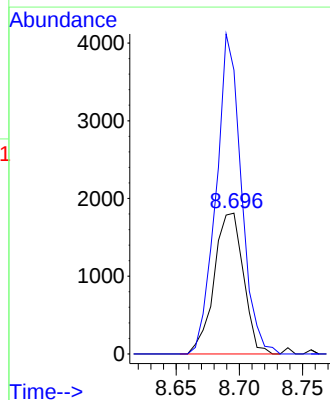
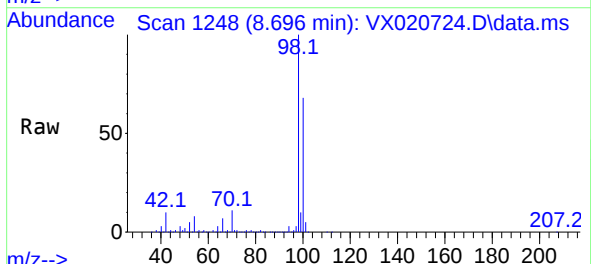
Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

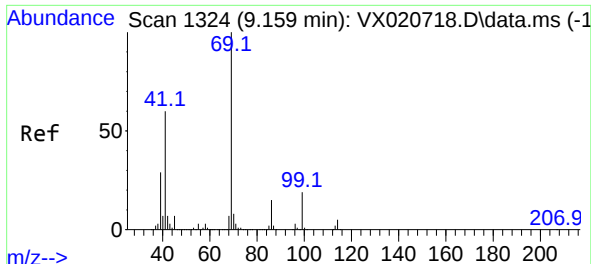
Tgt Ion: 98 Resp: 697951
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 195.5 35.4 53.0#



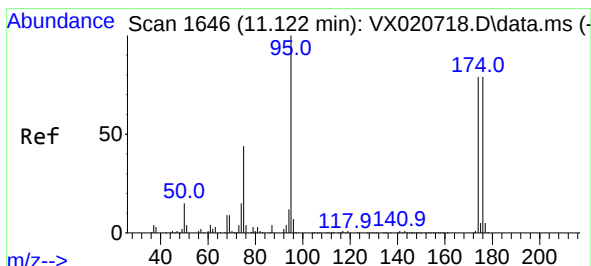
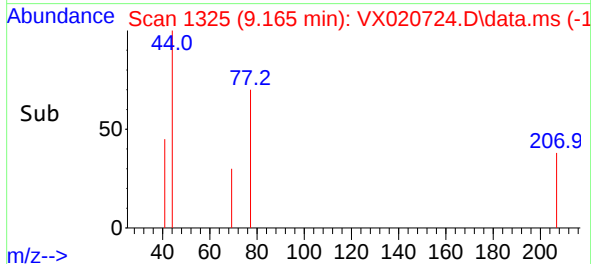
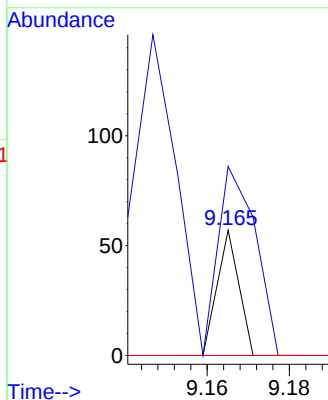
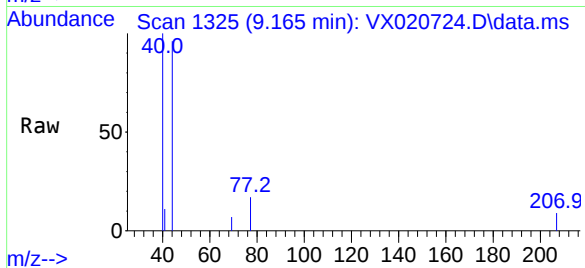


#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

Tgt Ion: 69 Resp: 21

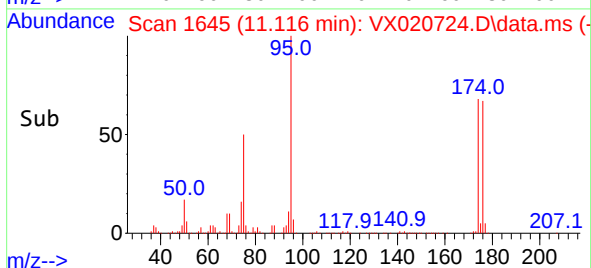
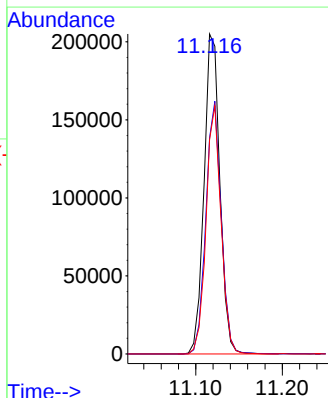
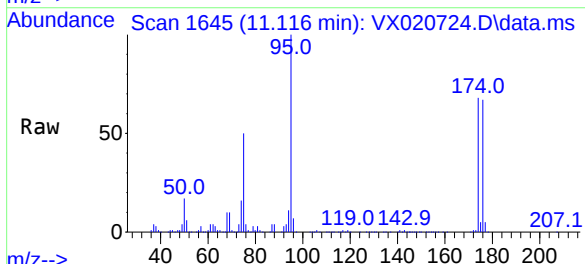
Ion	Ratio	Lower	Upper
69	100		
41	257.1	46.8	70.2#
39	0.0	24.7	37.1#

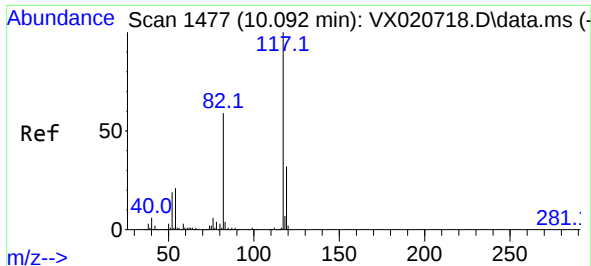


#62
4-Bromofluorobenzene
Concen: 47.53 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 95 Resp: 260129

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	154.6
176	73.6	0.0	155.8

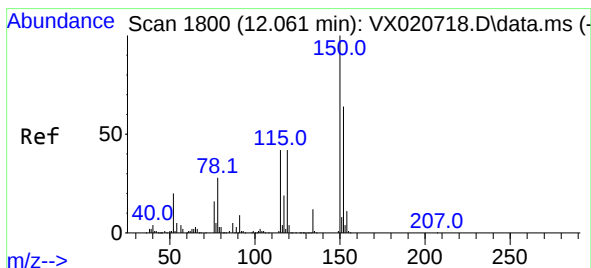
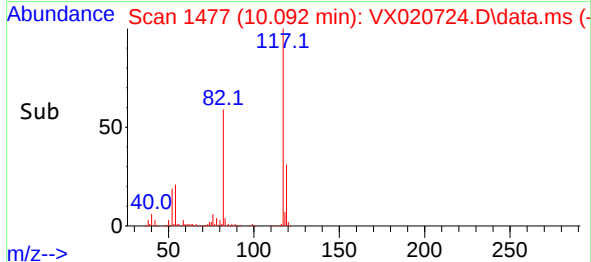
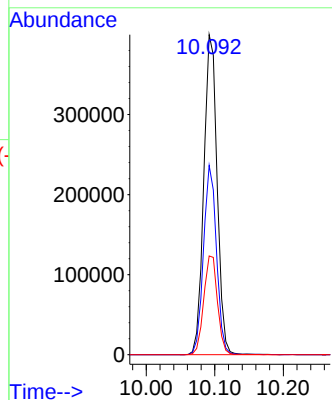
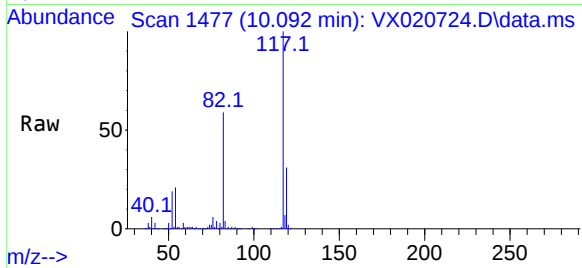




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

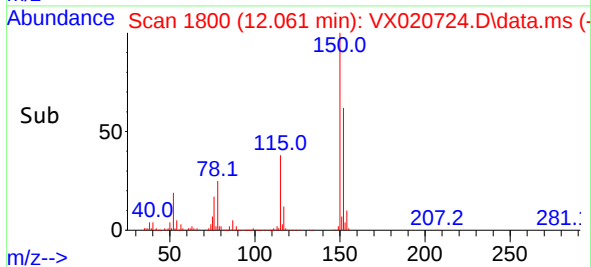
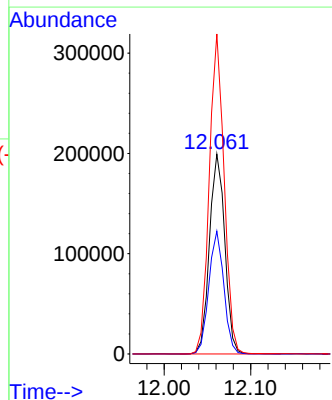
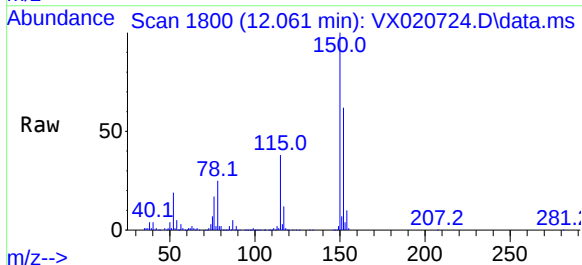
Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

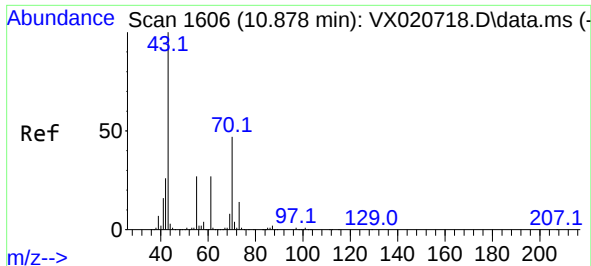
Tgt Ion:	117	Resp:	541531
Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	30.9	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

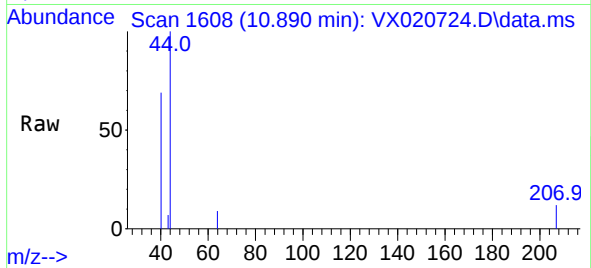
Tgt Ion:	152	Resp:	245336
Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.1	123.3
150	155.1	0.0	349.0



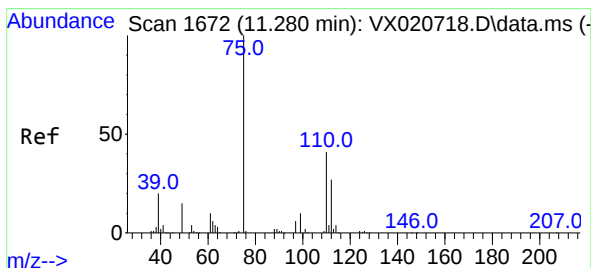
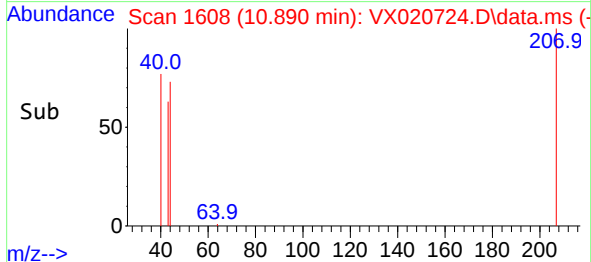
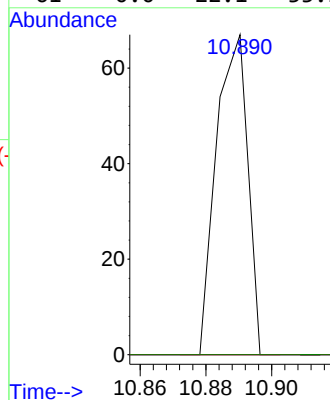


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

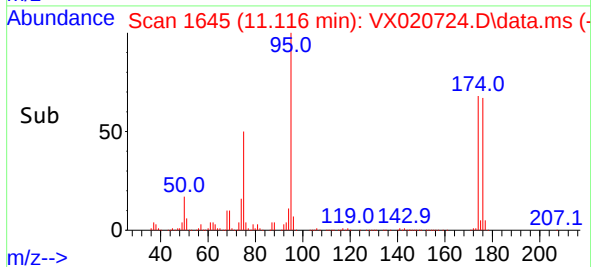
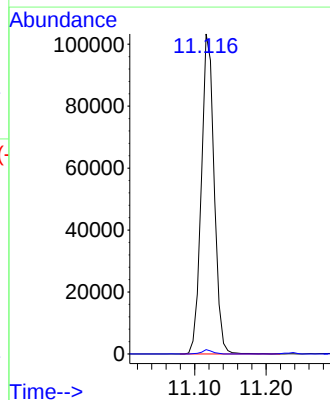
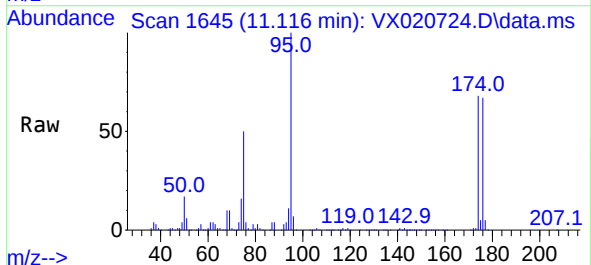


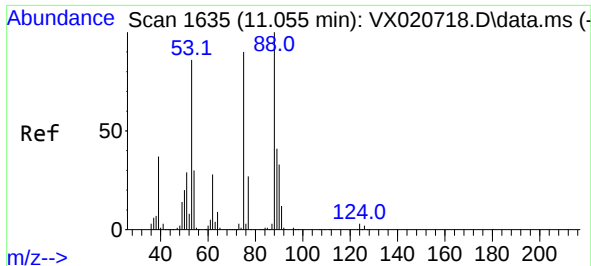
Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.61 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 75 Resp: 128632
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

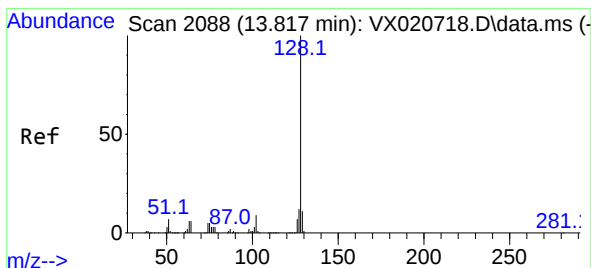
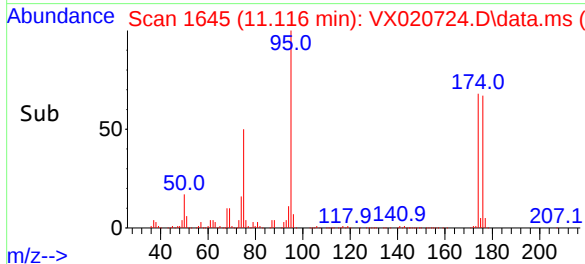
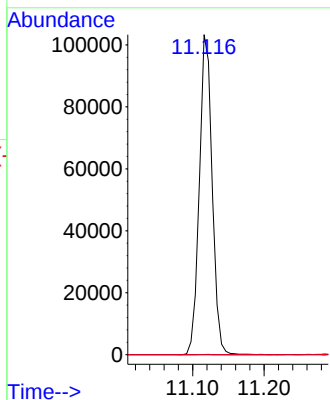
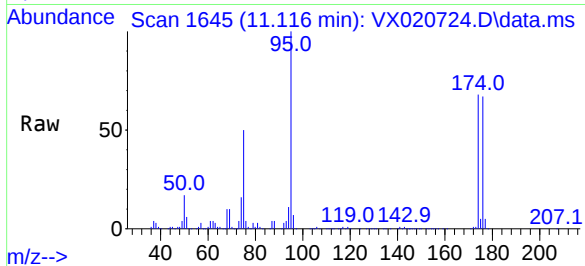




#81
trans-1,4-Dichloro-2-butene
Concen: 63.35 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBL01

Tgt Ion: 75 Resp: 128632
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.92 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 128 Resp: 937
Ion Ratio Lower Upper
128 100
127 5.3 10.3 15.5#
129 5.5 8.8 13.2#

