

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020736.D
 Acq On : 25 Jan 2021 19:43
 Operator : JC/SP
 Sample : M1189-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41107

Quant Time: Jan 27 11:58:36 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	5.629	168	309719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	536519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	520482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	231955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	213239	50.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.96%
35) Dibromofluoromethane	5.458	113	181108	49.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.56%
50) Toluene-d8	8.696	98	669802	49.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.42%
62) 4-Bromofluorobenzene	11.122	95	244783	46.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.56%

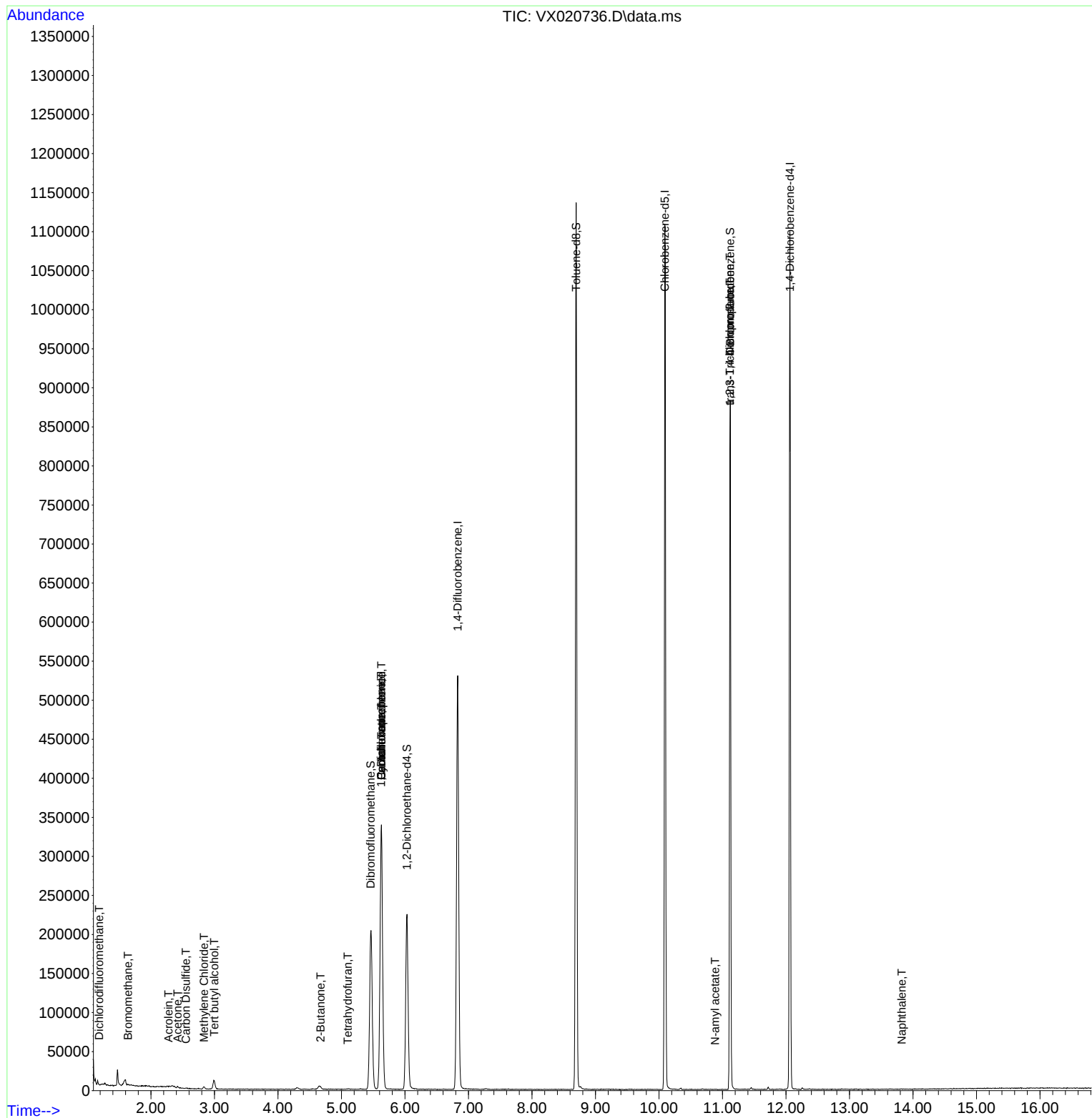
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	30	1.20	ug/l #	42
5) Bromomethane	1.636	94	498	0.24	ug/l #	61
11) Tert butyl alcohol	2.995	59	6735	8.54	ug/l #	73
13) Acrolein	2.276	56	134	0.23	ug/l #	1
16) Acetone	2.416	43	1931	1.21	ug/l #	82
17) Carbon Disulfide	2.550	76	828	0.99	ug/l #	75
20) Methylene Chloride	2.837	84	1379	0.34	ug/l	99
25) 2-Butanone	4.672	43	589	0.23	ug/l #	45
29) Tetrahydrofuran	5.099	42	432	0.27	ug/l #	49
31) Cyclohexane	5.629	56	6392	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	24371	4.53	ug/l #	50
38) Carbon Tetrachloride	5.629	117	32676	5.77	ug/l #	17
74) N-amyl acetate	10.884	43	22	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	118786	22.08	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	118786	61.87	ug/l #	12
95) Naphthalene	13.823	128	566	2.90	ug/l #	85

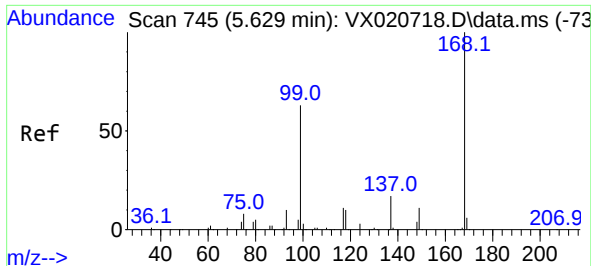
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020736.D
Acq On : 25 Jan 2021 19:43
Operator : JC/SP
Sample : M1189-18 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41107

Quant Time: Jan 27 11:58:36 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

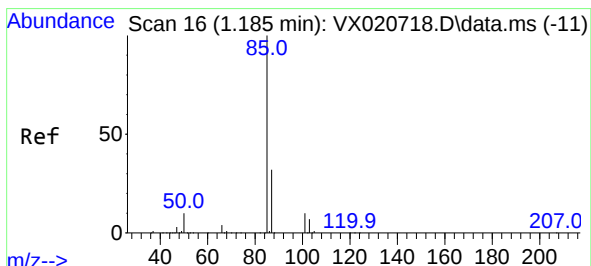
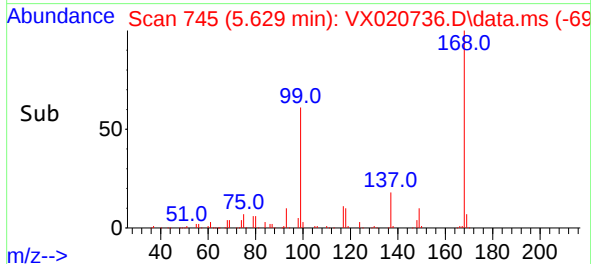
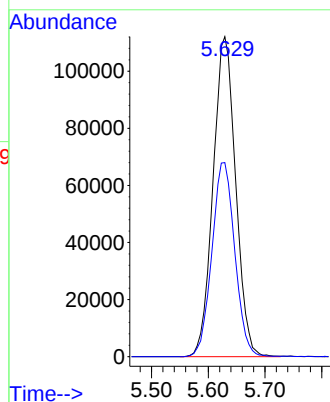
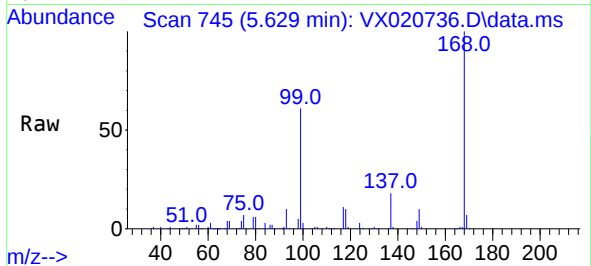




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

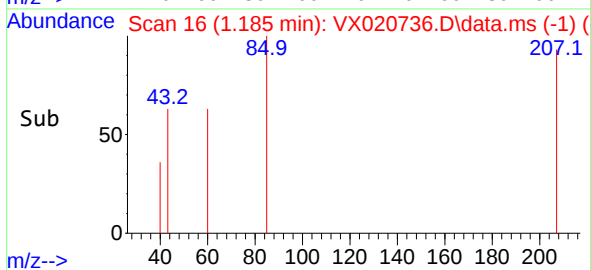
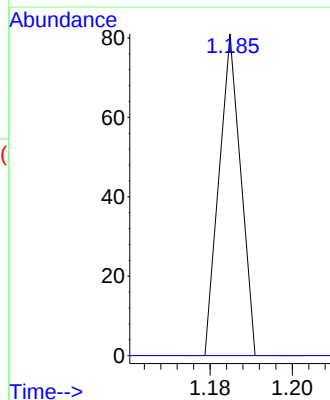
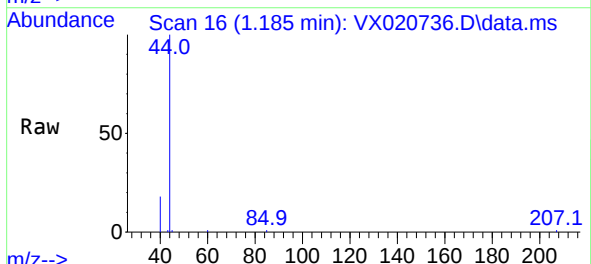
Instrument :
MSVOA_X
ClientSampled :
41107

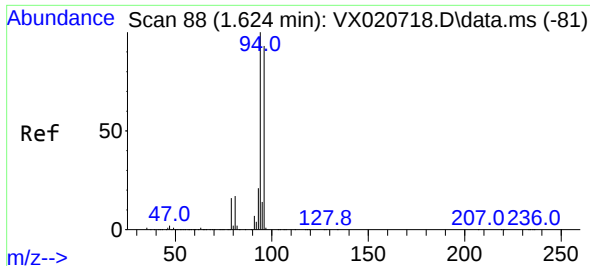
Tgt Ion:168 Resp: 309719
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.20 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 85 Resp: 30
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

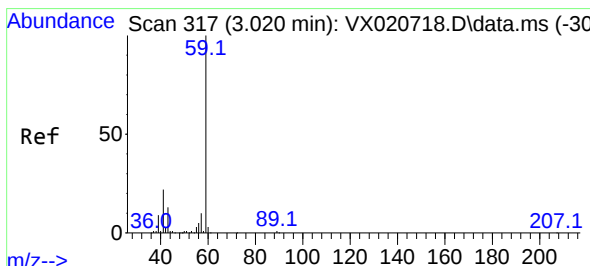
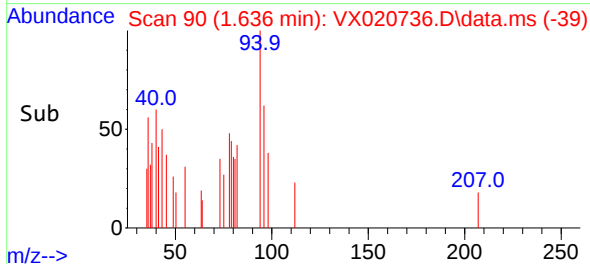
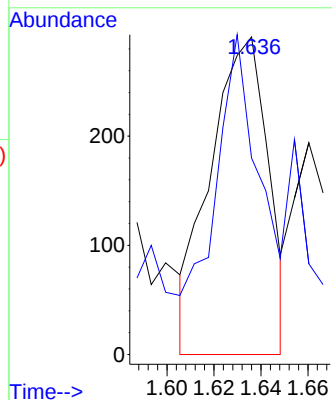
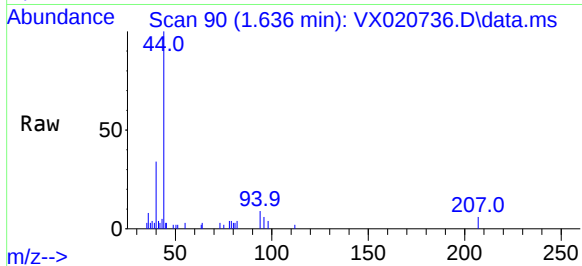




#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

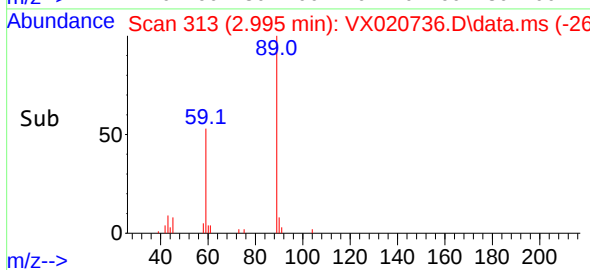
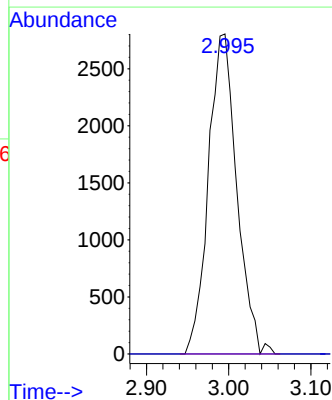
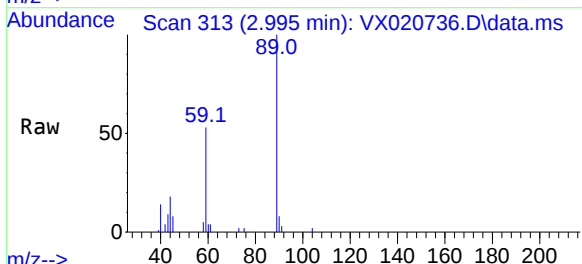
Instrument :
MSVOA_X
ClientSampled :
41107

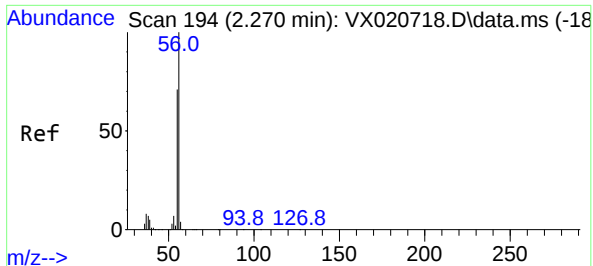
Tgt Ion: 94 Resp: 498
Ion Ratio Lower Upper
94 100
96 57.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 8.54 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 59 Resp: 6735
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

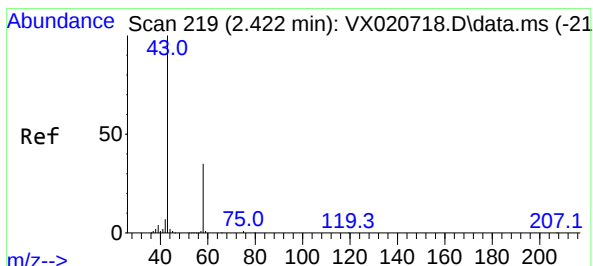
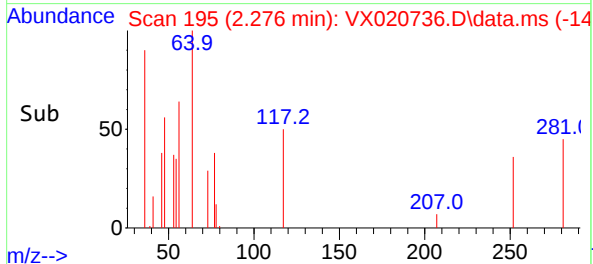
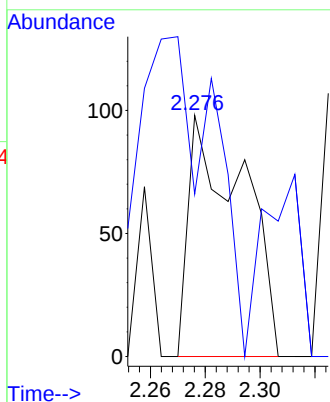
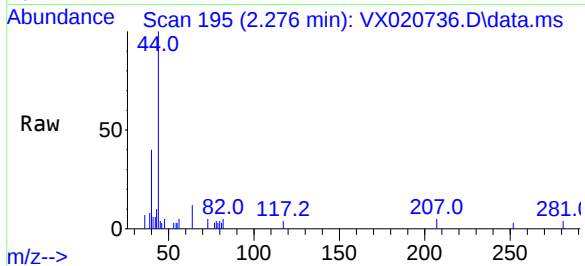




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

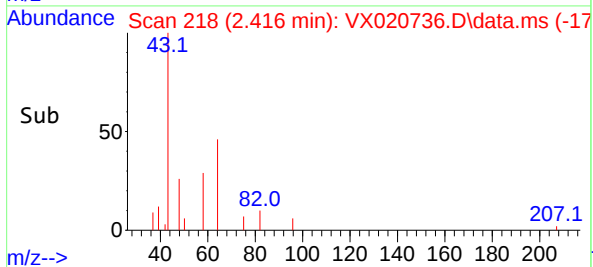
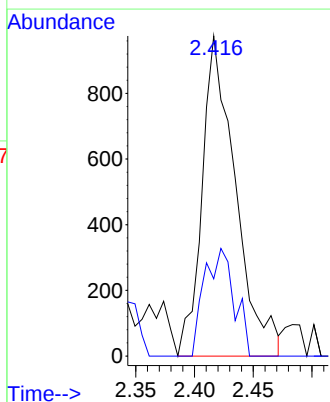
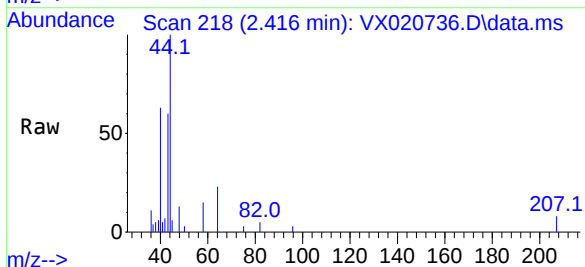
Instrument :
MSVOA_X
ClientSampled :
41107

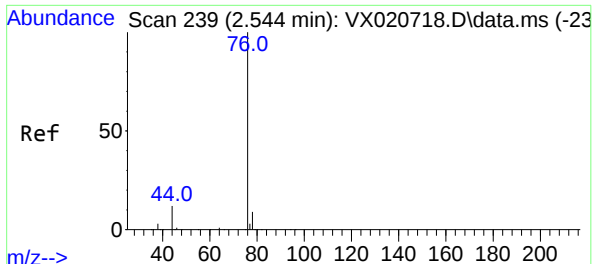
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 198.5 56.4 84.6#



#16
Acetone
Concen: 1.21 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#

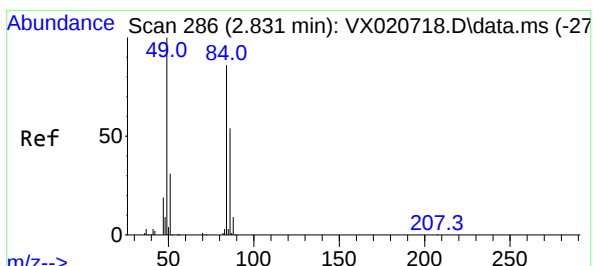
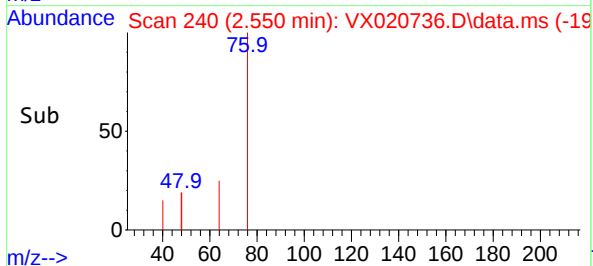
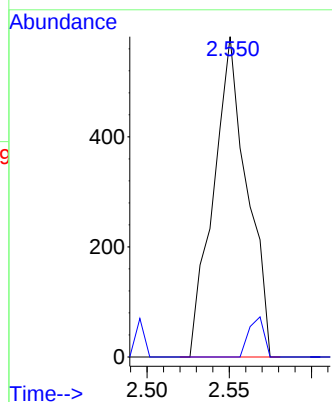
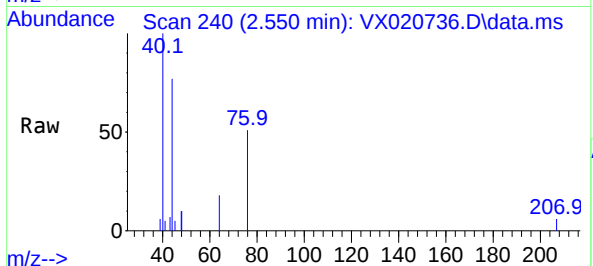




#17
Carbon Disulfide
Concen: 0.99 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

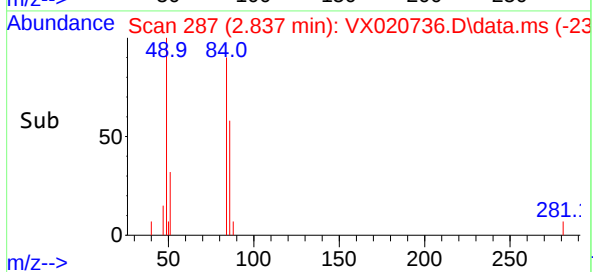
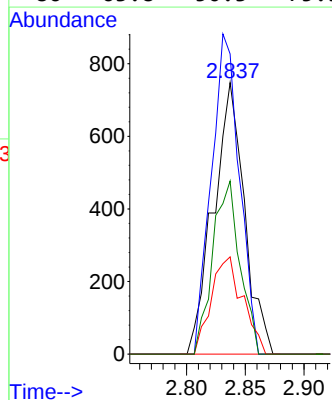
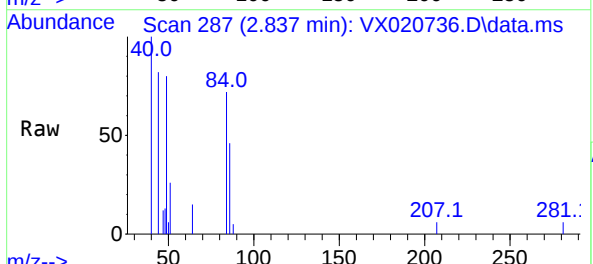
Instrument :
MSVOA_X
ClientSampled :
41107

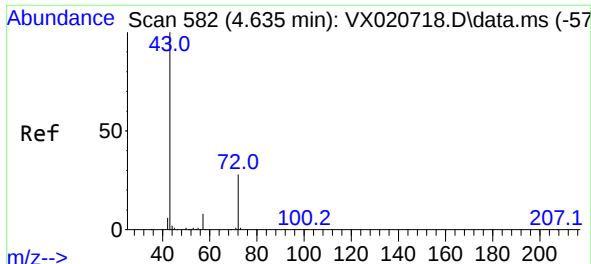
Tgt Ion: 76 Resp: 828
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 84 Resp: 1379
Ion Ratio Lower Upper
84 100
49 110.6 88.6 132.8
51 35.8 27.0 40.6
86 63.8 50.3 75.5





#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.672 min Scan# 588

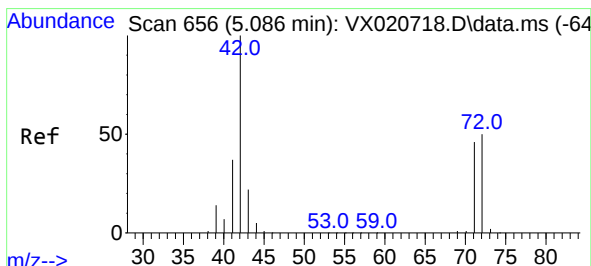
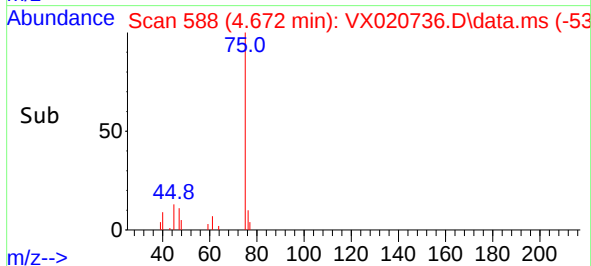
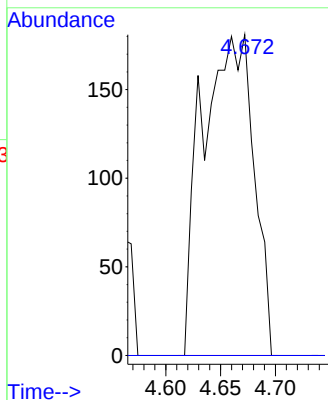
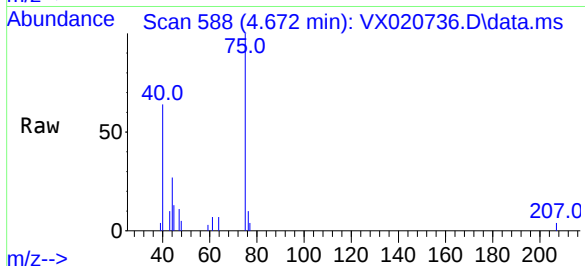
Delta R.T. 0.037 min

Lab File: VX020736.D

Acq: 25 Jan 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
41107

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.27 ug/l

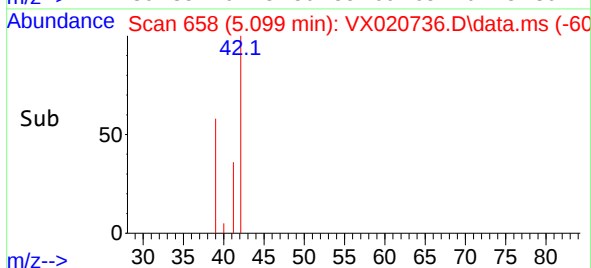
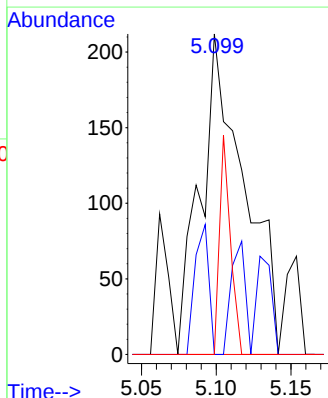
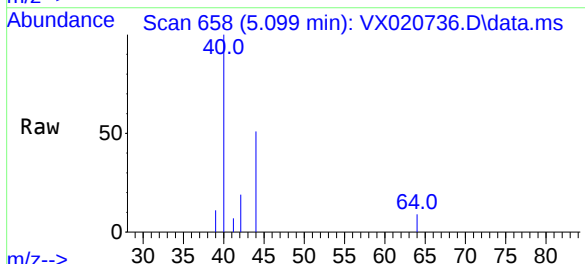
RT: 5.099 min Scan# 658

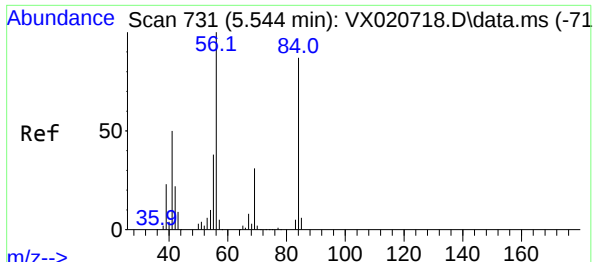
Delta R.T. 0.013 min

Lab File: VX020736.D

Acq: 25 Jan 2021 19:43

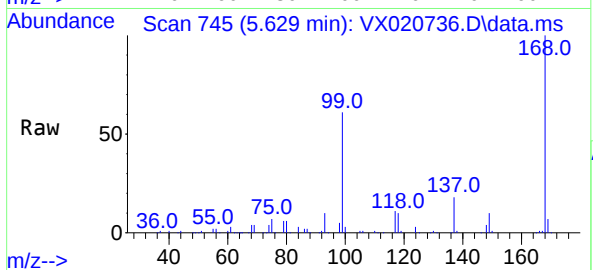
Tgt Ion: 42 Resp: 432
Ion Ratio Lower Upper
42 100
72 13.0 41.7 62.5#
71 16.9 38.4 57.6#



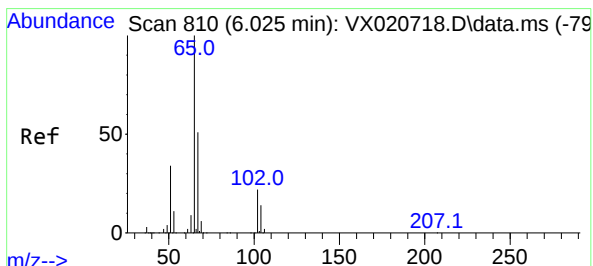
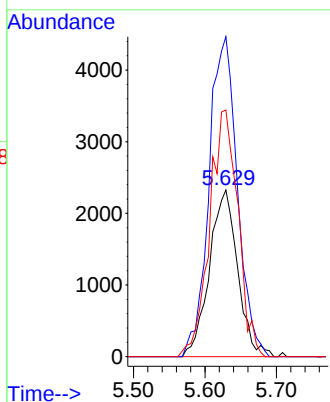
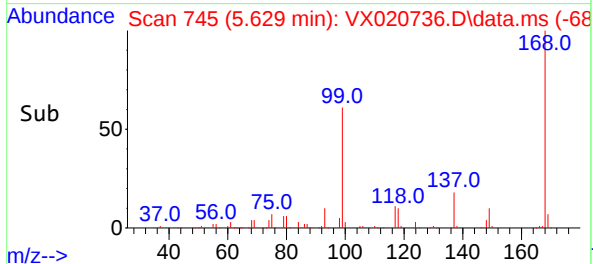


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

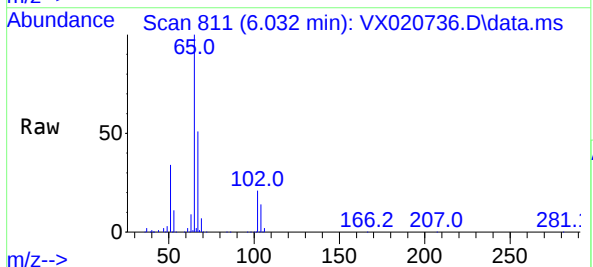
Instrument :
MSVOA_X
ClientSampled :
41107



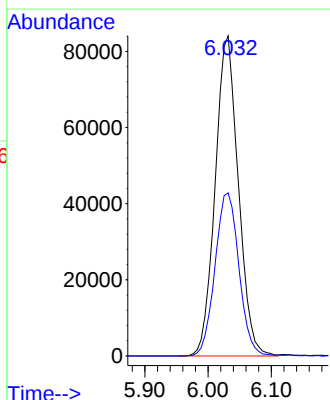
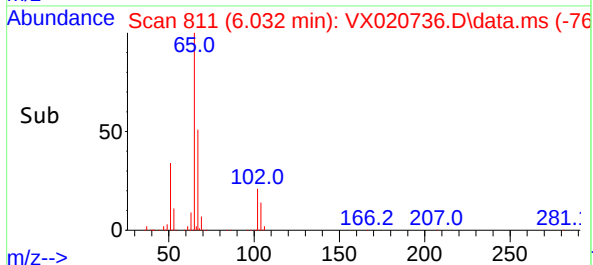
Tgt Ion: 56 Resp: 6392
Ion Ratio Lower Upper
56 100
69 192.0 25.3 37.9#
84 148.1 71.4 107.0#

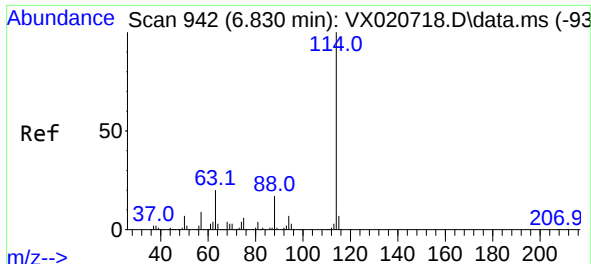


#33
1,2-Dichloroethane-d4
Concen: 50.48 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43



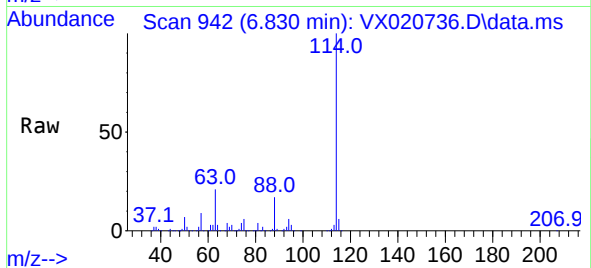
Tgt Ion: 65 Resp: 213239
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



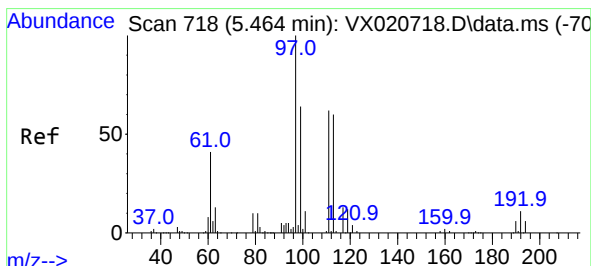
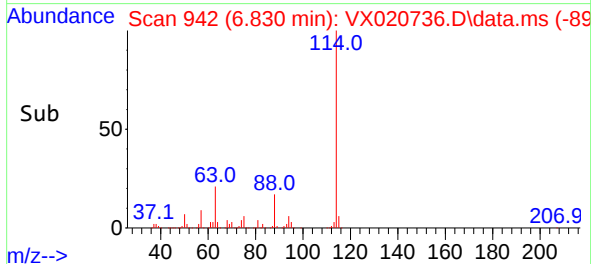
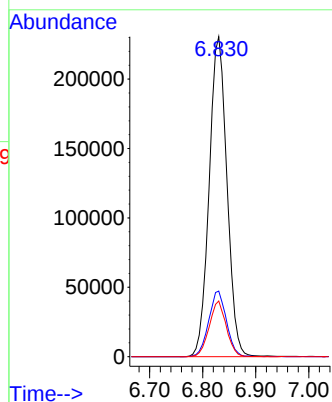


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
41107

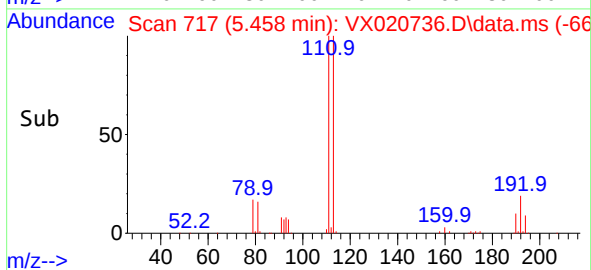
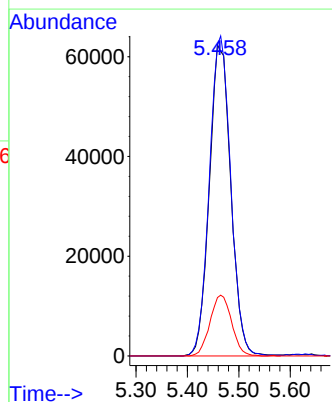
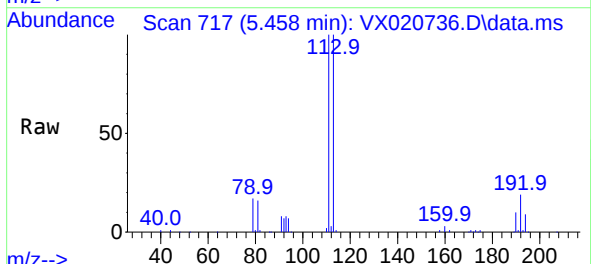


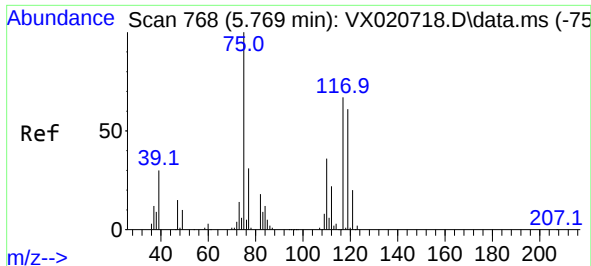
Tgt Ion:114 Resp: 536519
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

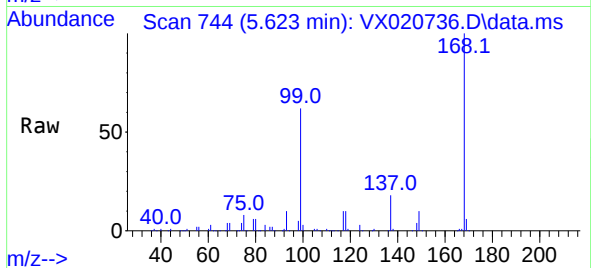
Tgt Ion:113 Resp: 181108
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.6 16.7 25.1



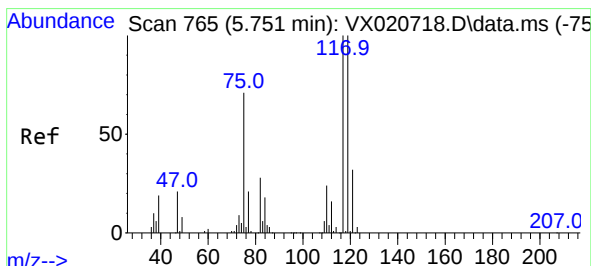
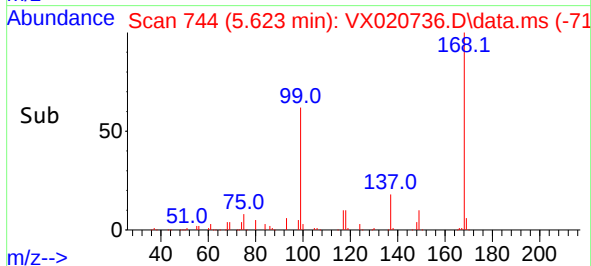
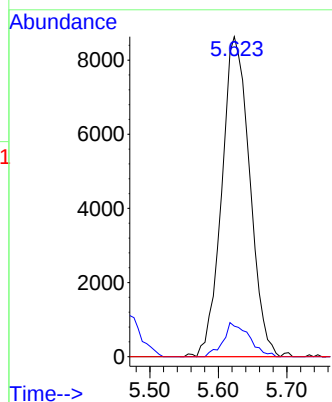


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

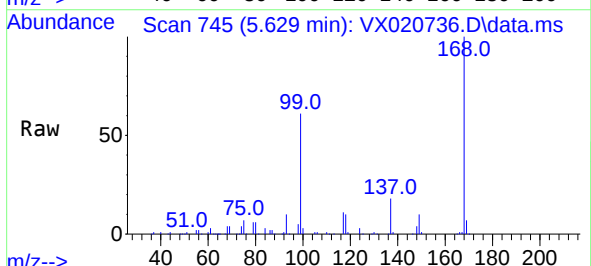
Instrument :
MSVOA_X
ClientSampled :
41107



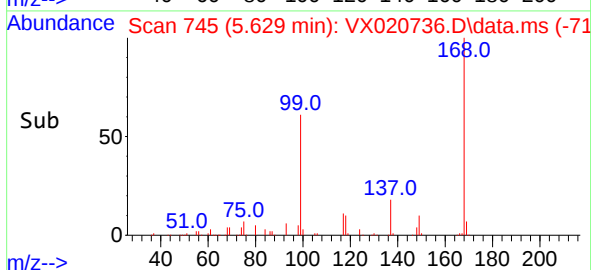
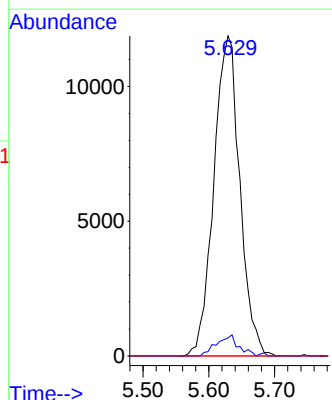
Tgt Ion: 75 Resp: 24371
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#

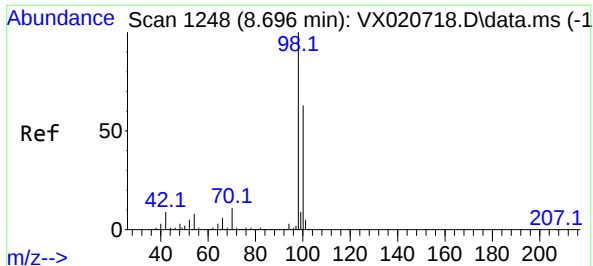


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43



Tgt Ion: 117 Resp: 32676
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

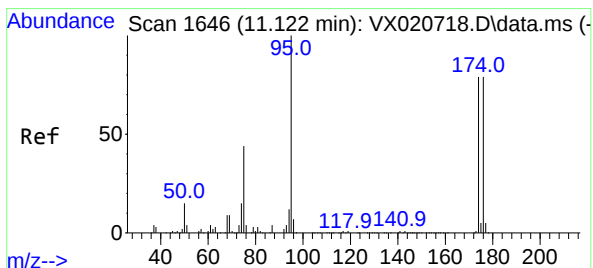
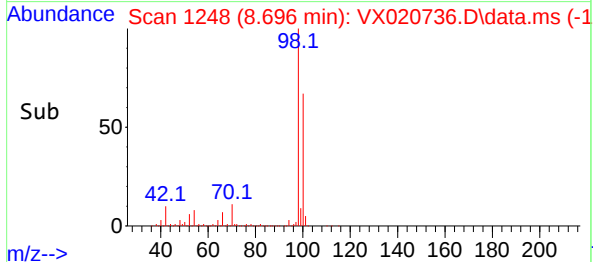
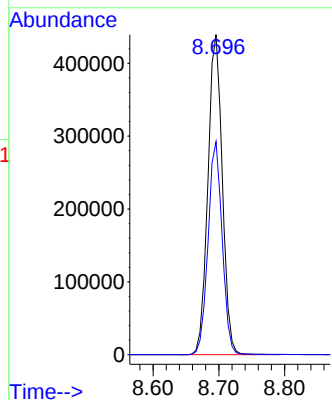
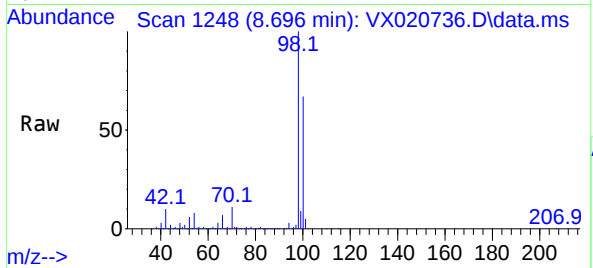




#50
Toluene-d8
Concen: 49.71 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

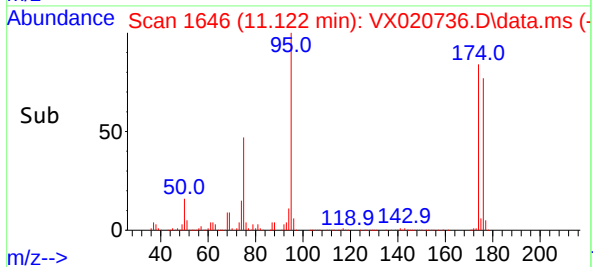
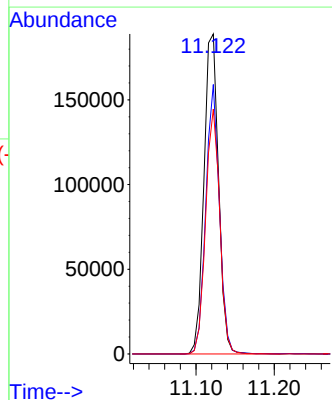
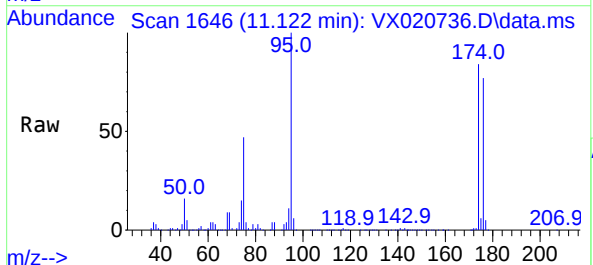
Instrument :
MSVOA_X
ClientSampled :
41107

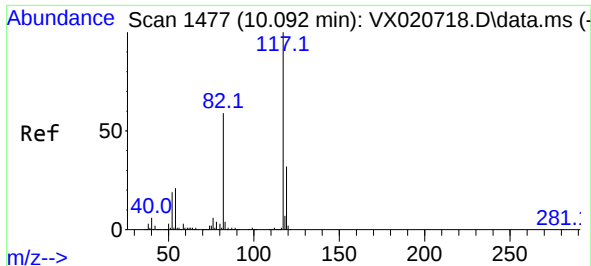
Tgt Ion: 98 Resp: 669802
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 95 Resp: 244783
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 73.9 0.0 155.8

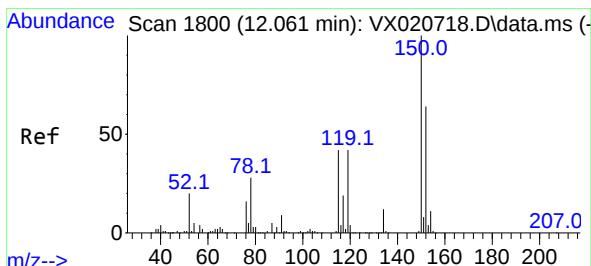
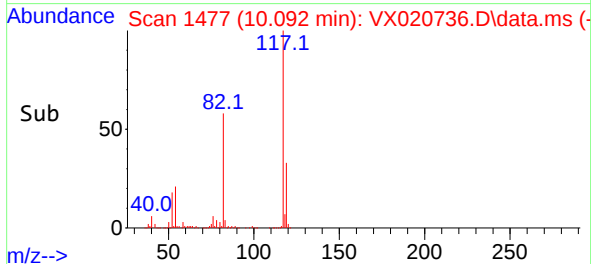
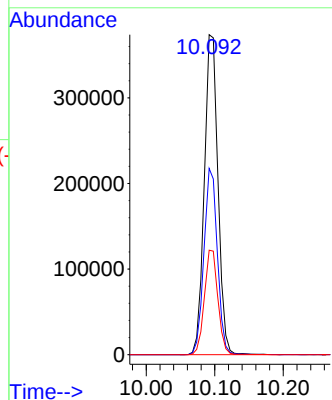
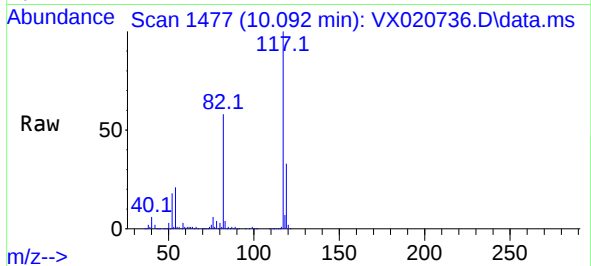




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

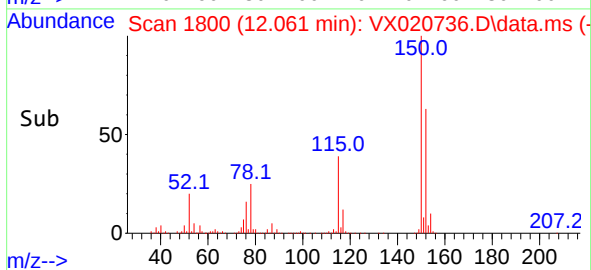
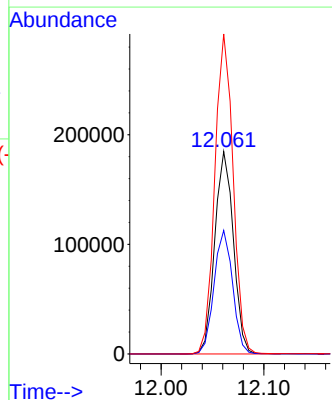
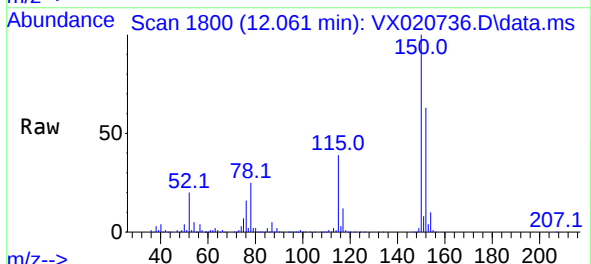
Instrument :
MSVOA_X
ClientSampled :
41107

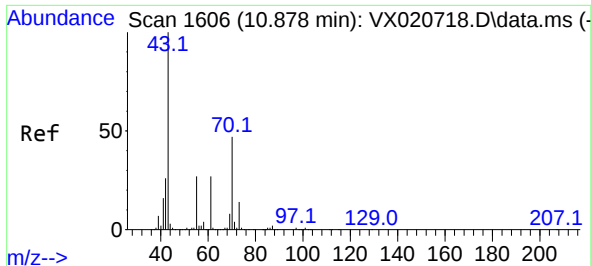
Tgt Ion:117 Resp: 520482
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

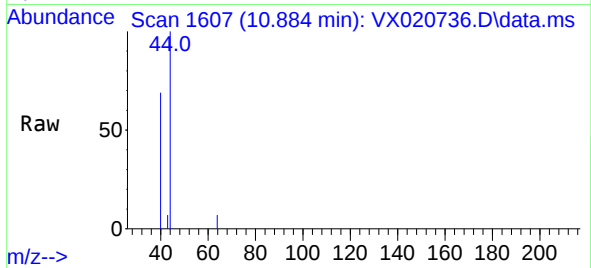
Tgt Ion:152 Resp: 231955
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 155.5 0.0 349.0





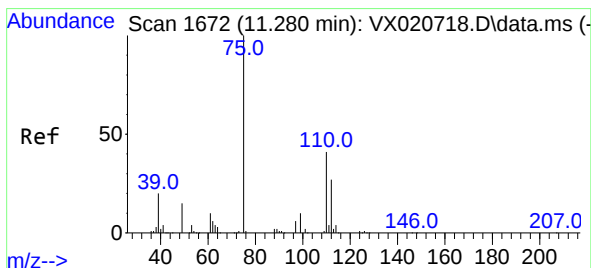
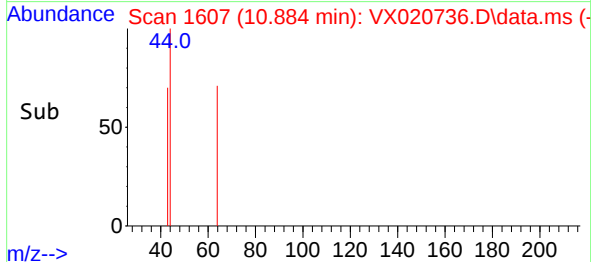
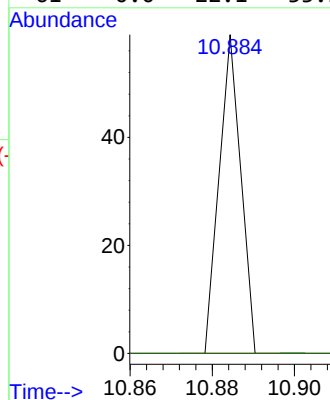
#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
41107



Tgt Ion: 43 Resp: 22

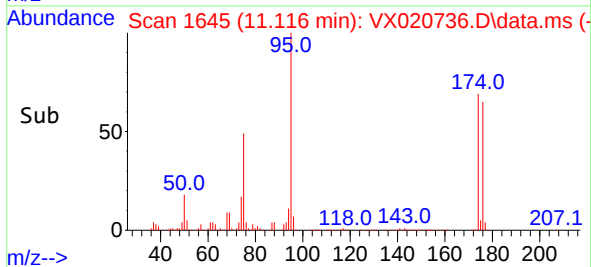
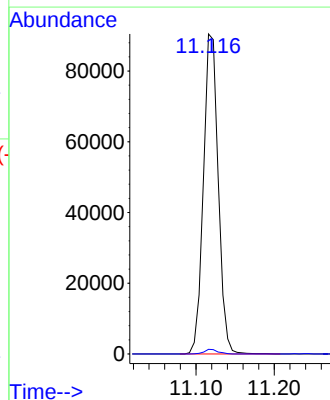
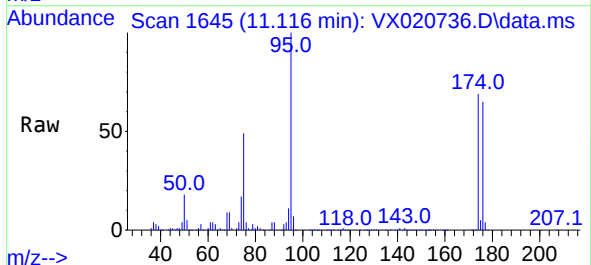
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

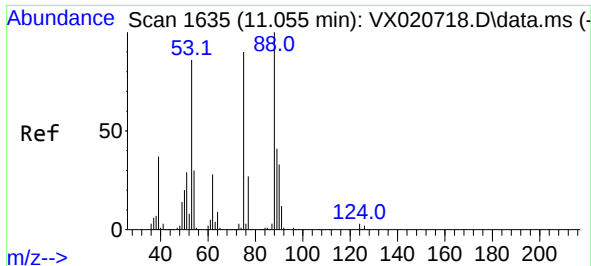


#76
1,2,3-Trichloropropane
Concen: 22.08 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 75 Resp: 118786

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

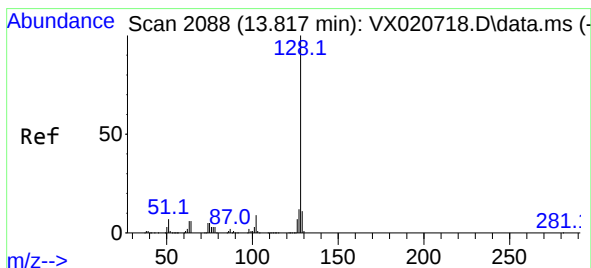
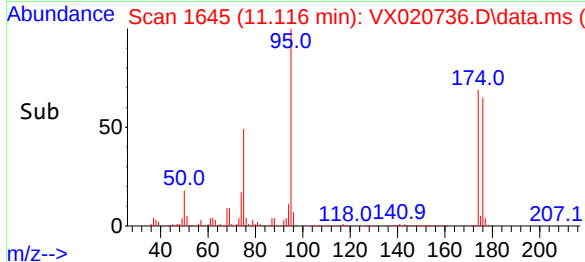
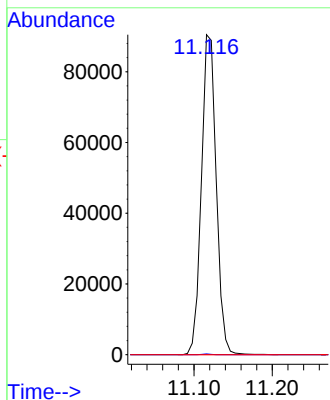
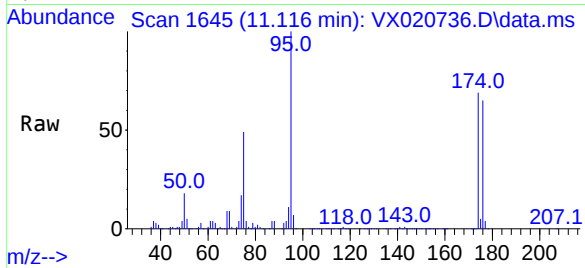




#81
trans-1,4-Dichloro-2-butene
Concen: 61.87 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
41107

Tgt Ion: 75 Resp: 118786
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.90 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020736.D
Acq: 25 Jan 2021 19:43

Tgt Ion: 128 Resp: 566
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 4.2 8.8 13.2#

