

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020735.D
 Acq On : 25 Jan 2021 19:19
 Operator : JC/SP
 Sample : M1189-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41106

Quant Time: Jan 27 11:58:09 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)

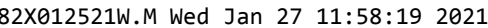
Internal Standards						
1) Pentafluorobenzene	5.629	168	302807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	521552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	494600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	227308	50.00	ug/l	0.00

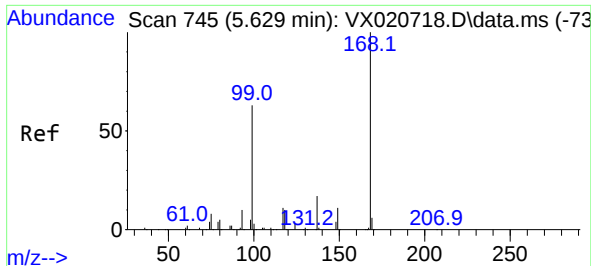
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	209410	50.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.40%
35) Dibromofluoromethane	5.464	113	175888	49.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.46%
50) Toluene-d8	8.695	98	643777	49.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.30%
62) 4-Bromofluorobenzene	11.122	95	234678	46.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.28%

Target Compounds						Qvalue
5) Bromomethane	1.642	94	637	0.31	ug/l #	55
11) Tert butyl alcohol	2.995	59	4100	5.32	ug/l #	73
16) Acetone	2.416	43	2105	1.34	ug/l #	73
17) Carbon Disulfide	2.556	76	830	0.99	ug/l #	75
20) Methylene Chloride	2.831	84	1029	0.26	ug/l #	89
29) Tetrahydrofuran	5.105	42	552	0.35	ug/l #	66
31) Cyclohexane	5.623	56	5998	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23844	4.56	ug/l #	49
38) Carbon Tetrachloride	5.629	117	31399	5.70	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	2320	0.46	ug/l #	1
74) N-amyl acetate	11.079	43	22	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	116610	22.12	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.494	105	3612	0.26	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.122	75	116610	61.98	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.786	105	15933	1.12	ug/l	100
85) sec-Butylbenzene	11.786	105	15933	1.02	ug/l #	57
95) Naphthalene	13.810	128	769	2.91	ug/l #	86

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

Quant Time: Jan 27 11:58:09 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

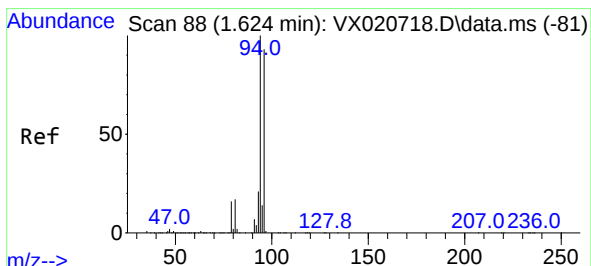
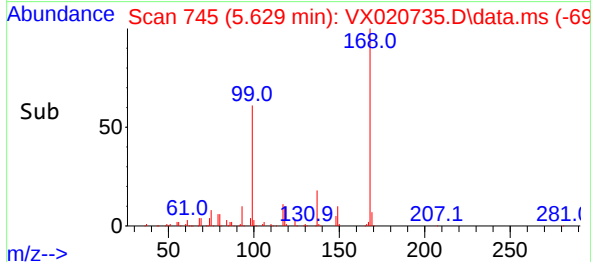
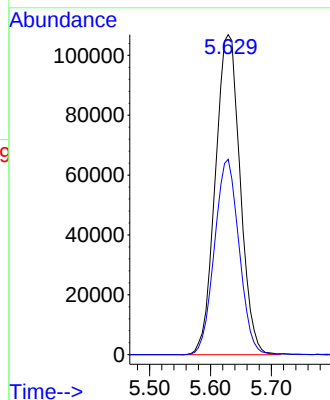
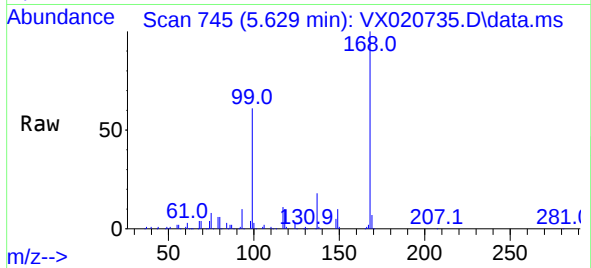




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

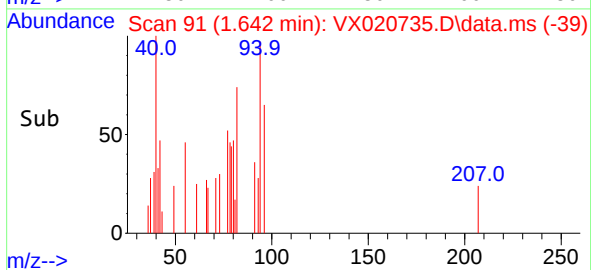
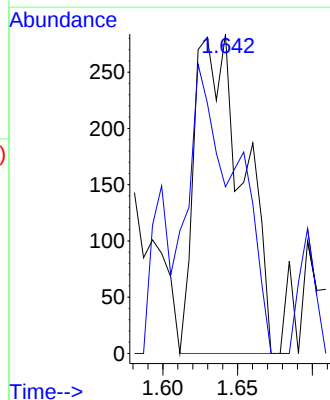
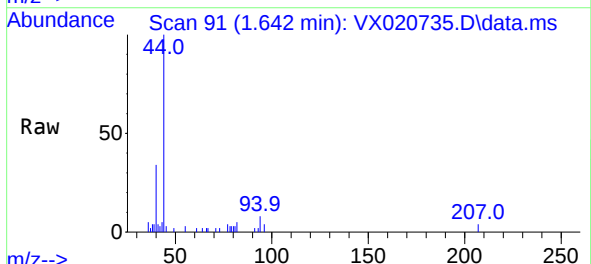
Instrument :
MSVOA_X
ClientSampleId :
41106

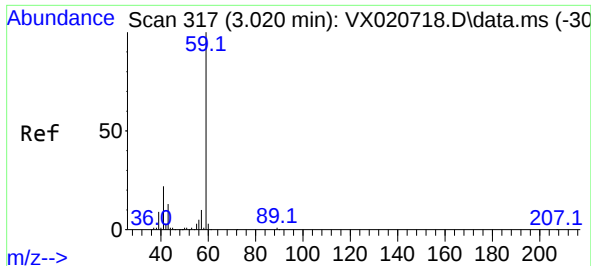
Tgt Ion:168 Resp: 302807
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.6



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 94 Resp: 637
Ion Ratio Lower Upper
94 100
96 52.1 76.4 114.6#



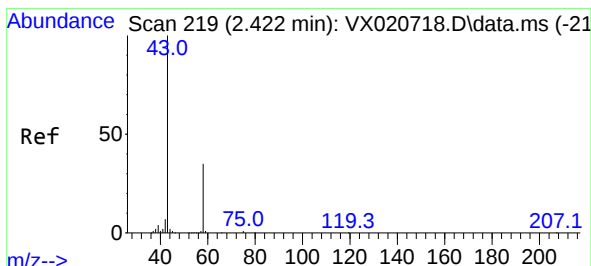
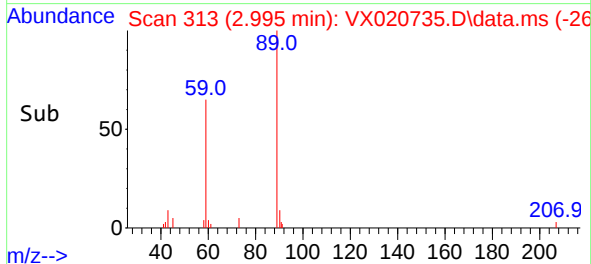
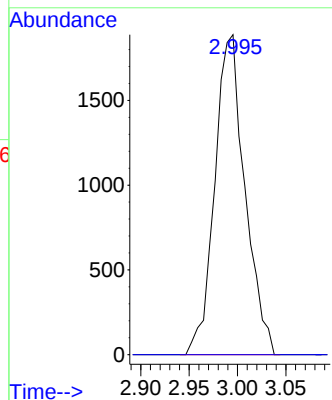
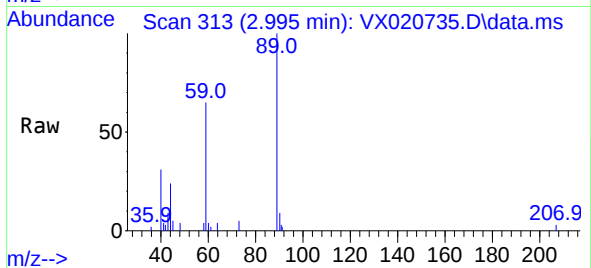


#11

Tert butyl alcohol
Concen: 5.32 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :
41106

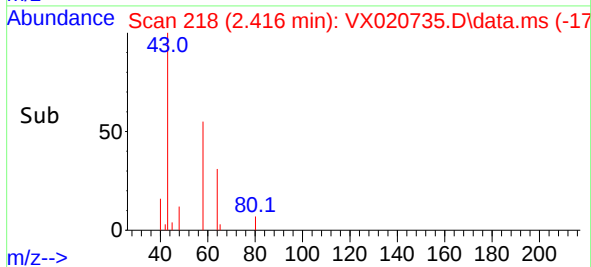
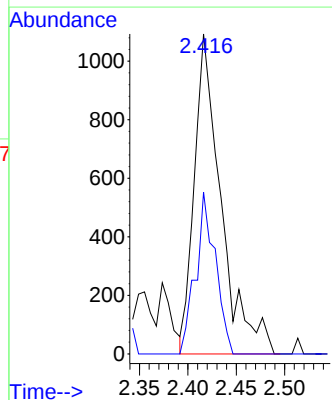
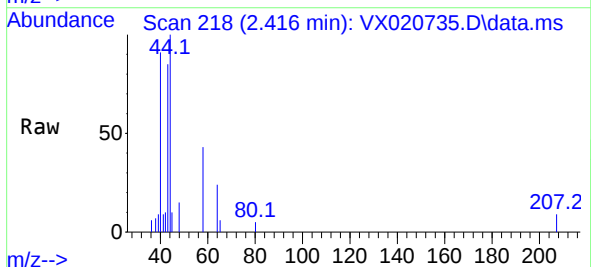
Tgt Ion: 59 Resp: 4100
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

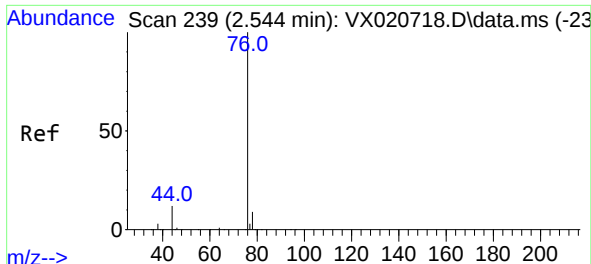


#16

Acetone
Concen: 1.34 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
58 50.6 27.8 41.8#

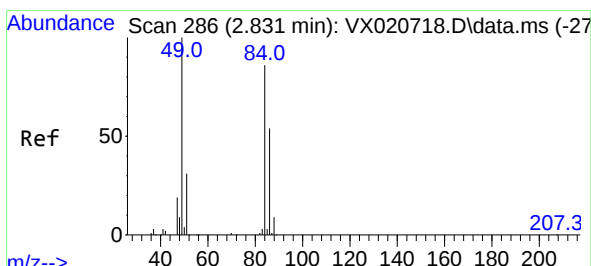
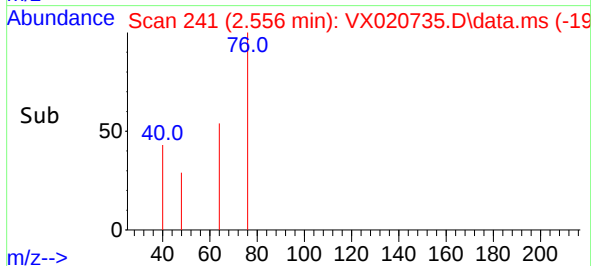
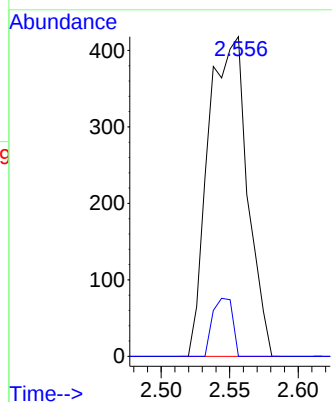
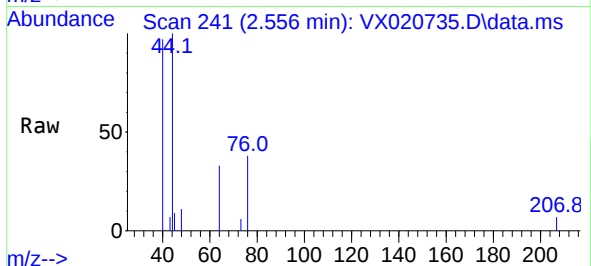




#17
Carbon Disulfide
Concen: 0.99 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.012 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

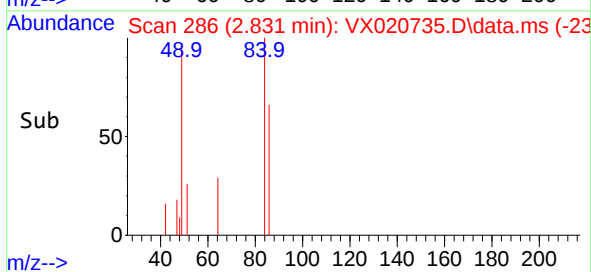
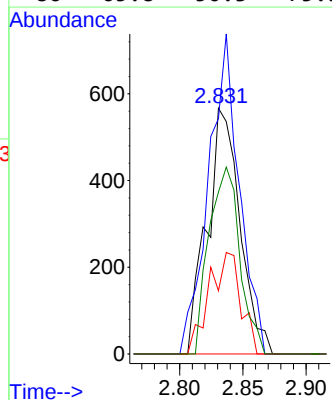
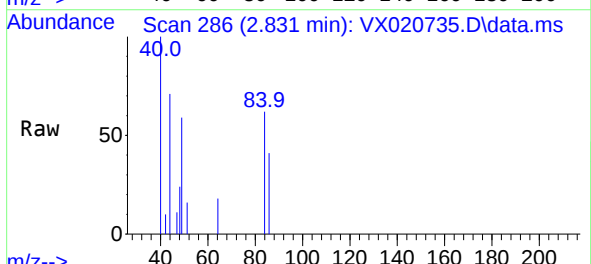
Instrument :
MSVOA_X
ClientSampled :
41106

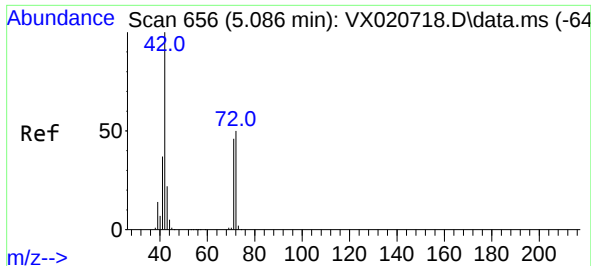
Tgt Ion: 76 Resp: 830
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

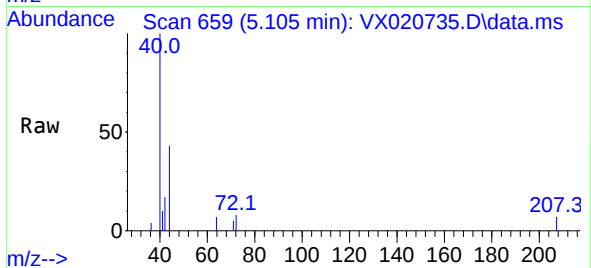
Tgt Ion: 84 Resp: 1029
Ion Ratio Lower Upper
84 100
49 95.8 88.6 132.8
51 25.7 27.0 40.6#
86 65.8 50.3 75.5





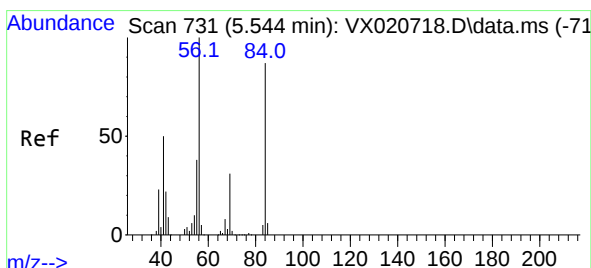
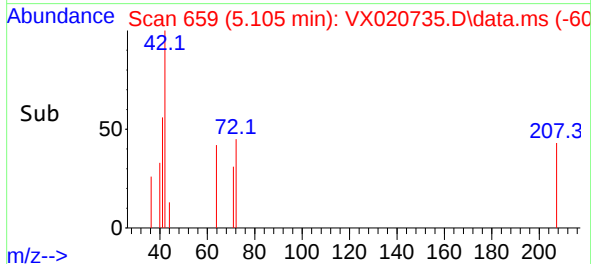
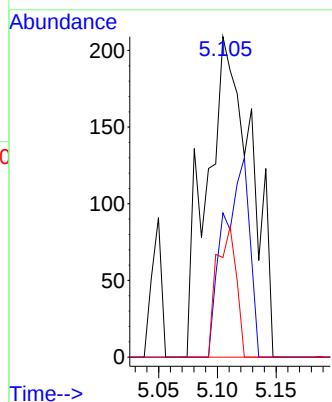
#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.019 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :
41106



Tgt Ion: 42 Resp: 552

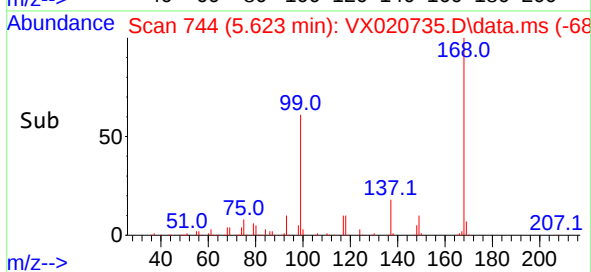
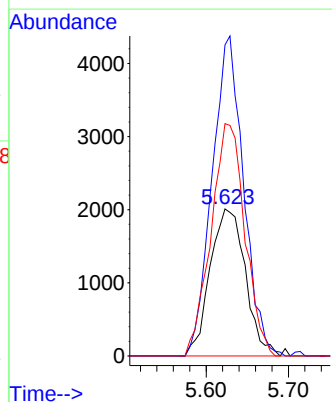
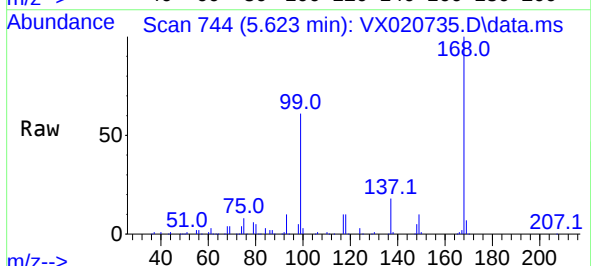
Ion	Ratio	Lower	Upper
42	100		
72	35.7	41.7	62.5#
71	17.8	38.4	57.6#

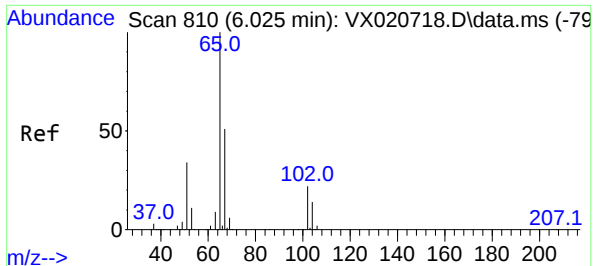


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 56 Resp: 5998

Ion	Ratio	Lower	Upper
56	100		
69	211.4	25.3	37.9#
84	157.9	71.4	107.0#



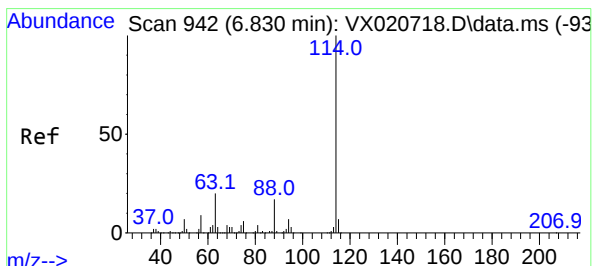
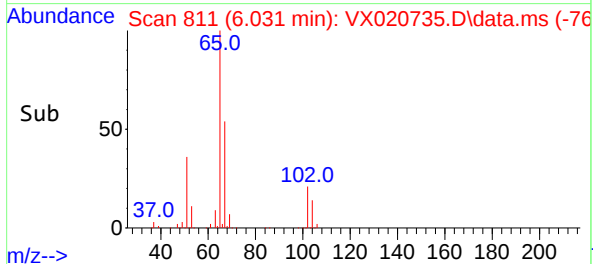
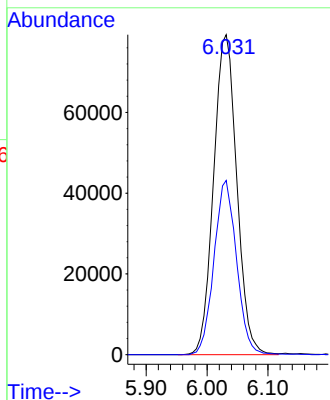
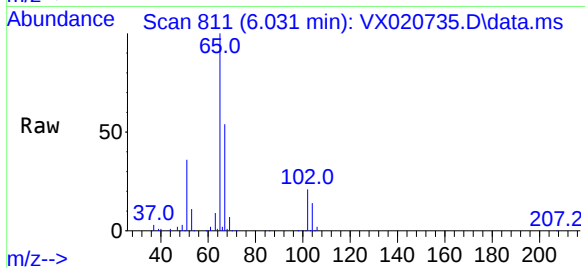


#33

1,2-Dichloroethane-d4
Concen: 50.70 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :
41106

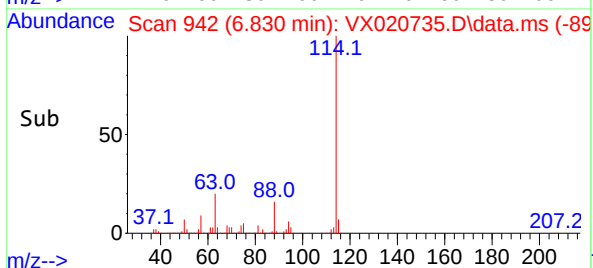
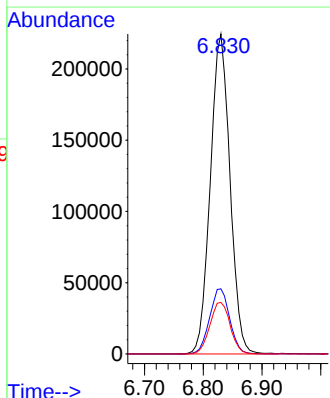
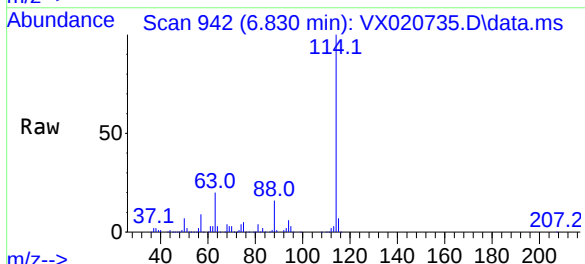
Tgt Ion: 65 Resp: 209410
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

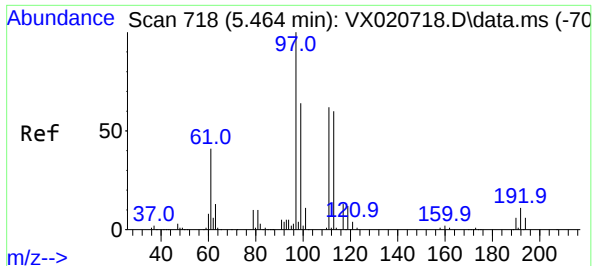


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 114 Resp: 521552
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.1 0.0 32.8

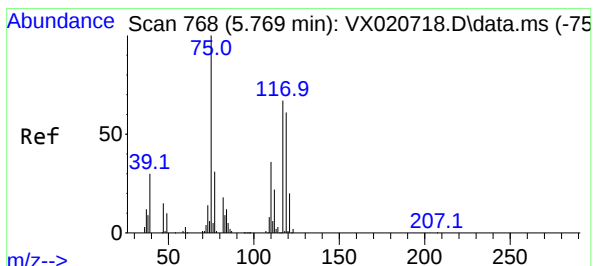
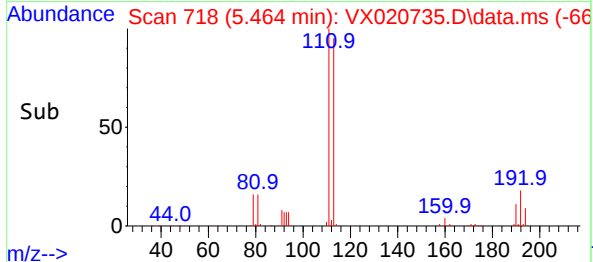
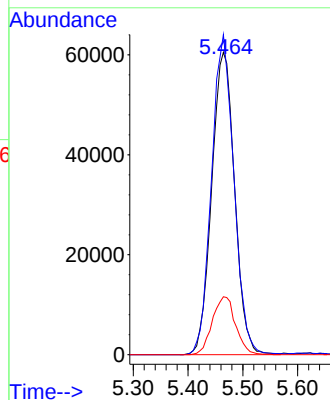
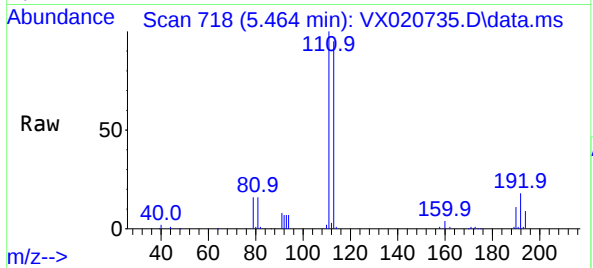




#35
Dibromofluoromethane
Concen: 49.23 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

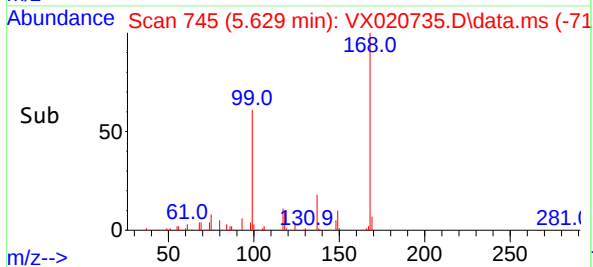
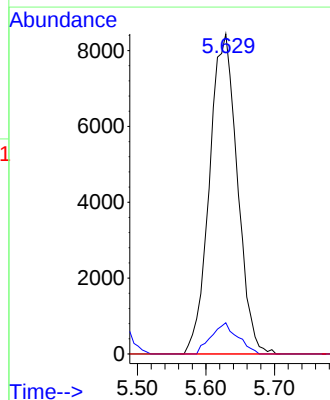
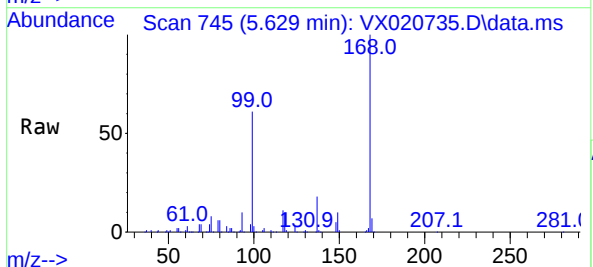
Instrument :
MSVOA_X
ClientSampleId :
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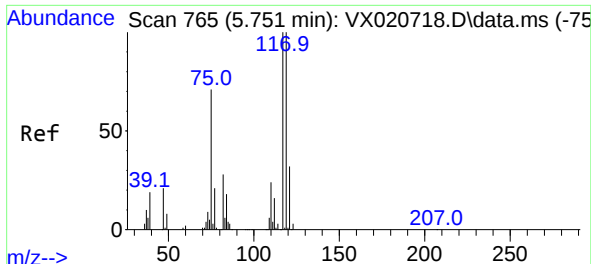
Tgt Ion:113 Resp: 175888
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 75 Resp: 23844
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#

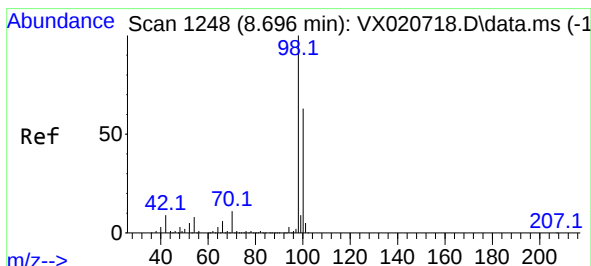
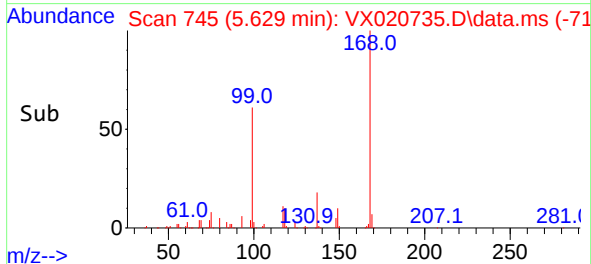
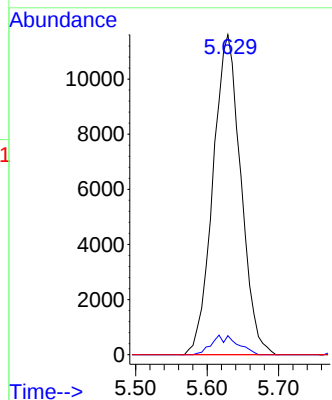
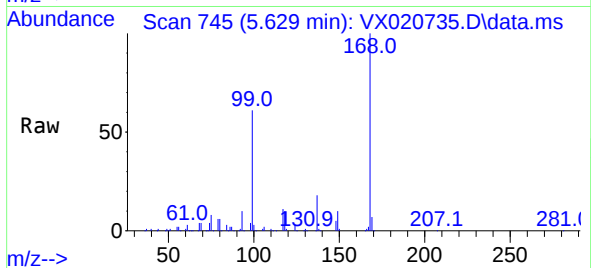




#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

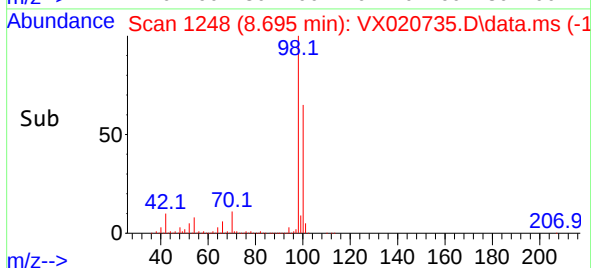
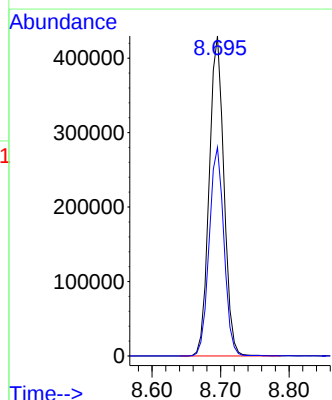
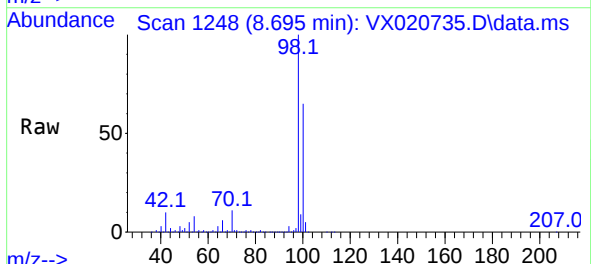
Instrument :
MSVOA_X
ClientSampleId :
41106

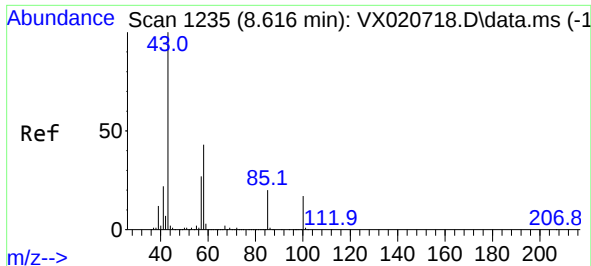
Tgt Ion:117 Resp: 31399
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.15 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 98 Resp: 643777
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

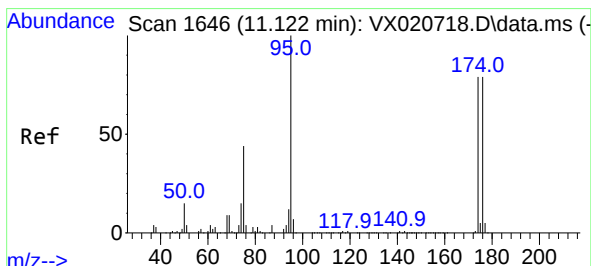
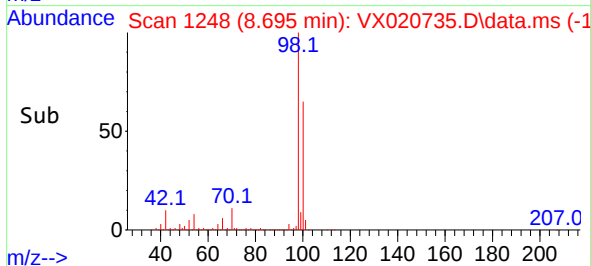
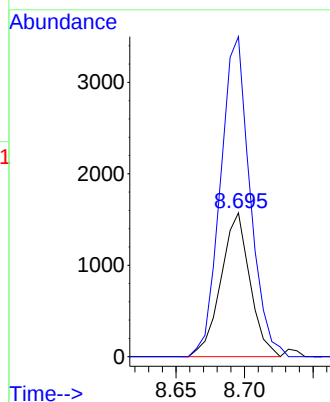
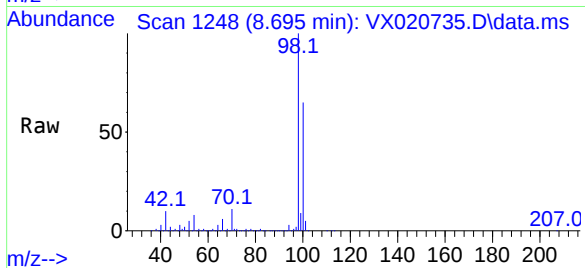




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

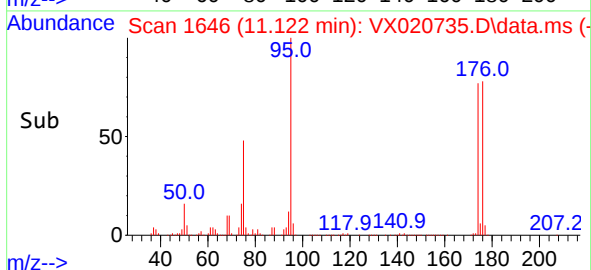
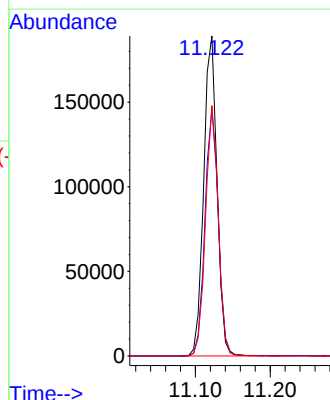
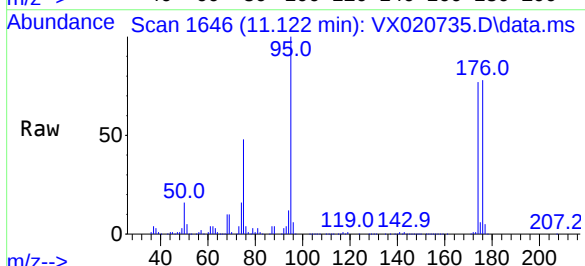
Instrument :
MSVOA_X
ClientSampled :
41106

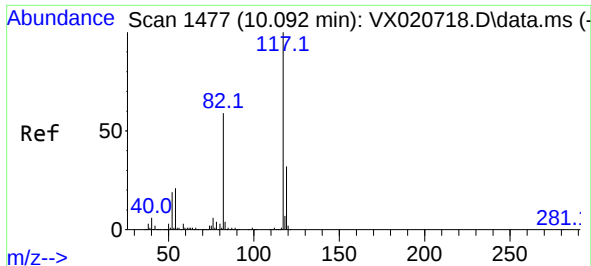
Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 226.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 95 Resp: 234678
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.8 0.0 155.8

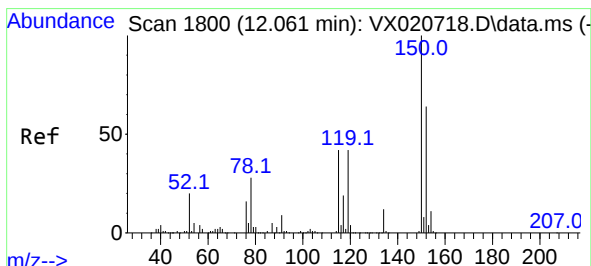
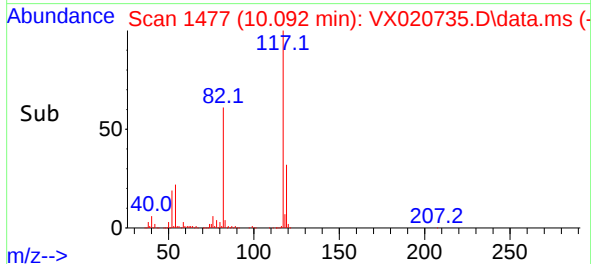
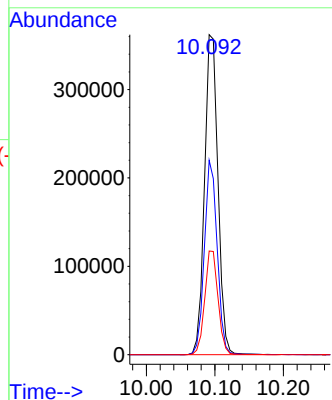
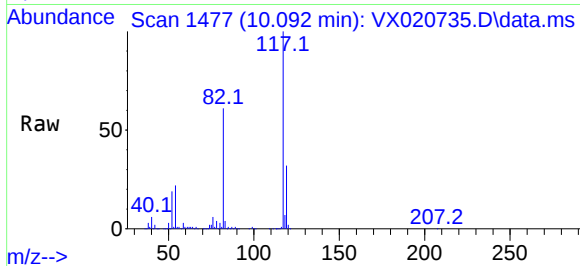




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

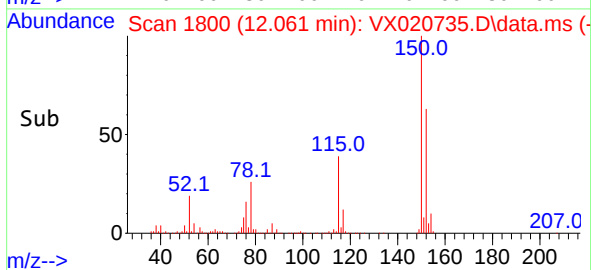
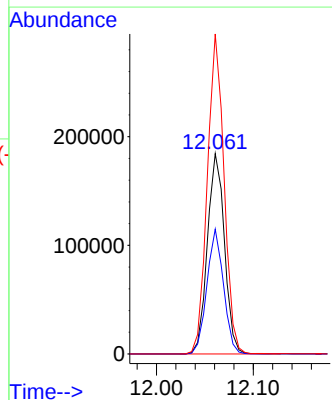
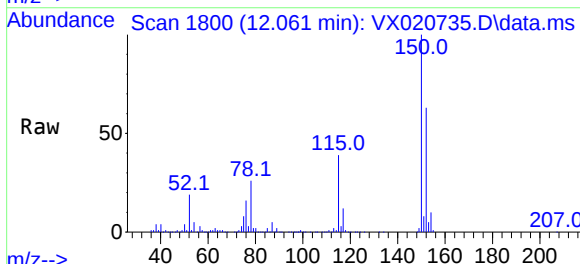
Instrument :
MSVOA_X
ClientSampleId :
41106

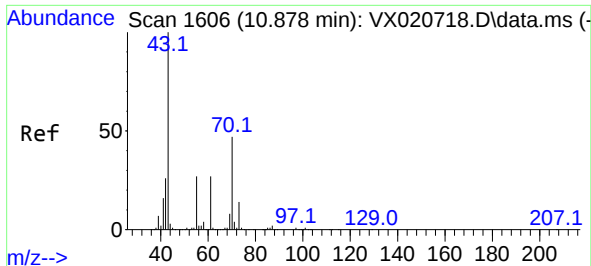
Tgt Ion:	117	Resp:	494600
Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.4	71.2
119	32.4	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

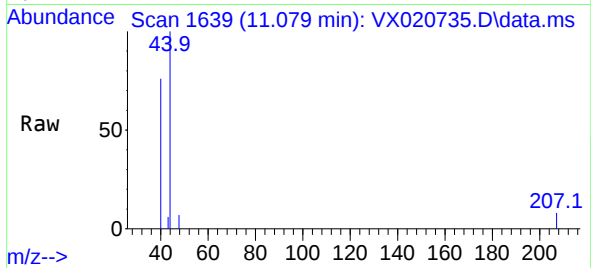
Tgt Ion:	152	Resp:	227308
Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.1	123.3
150	156.4	0.0	349.0





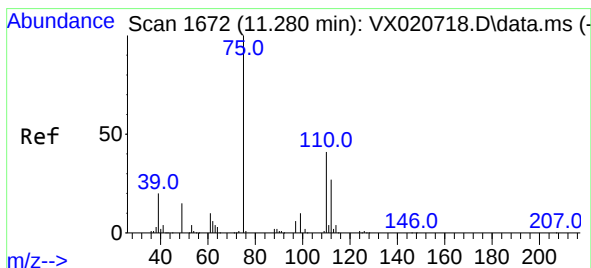
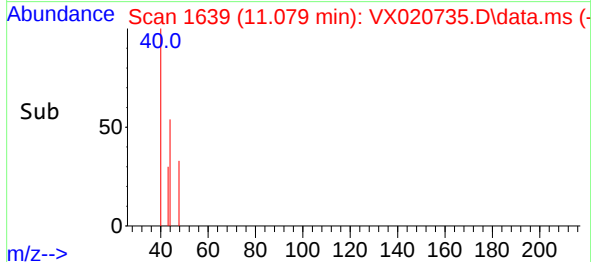
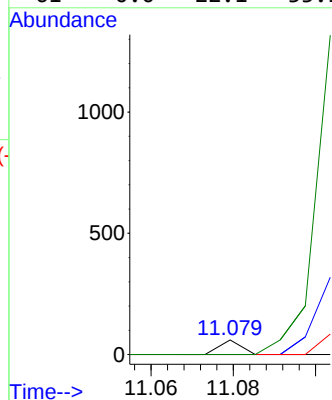
#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.201 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Instrument :
MSVOA_X
ClientSampled :
41106



Tgt Ion: 43 Resp: 22

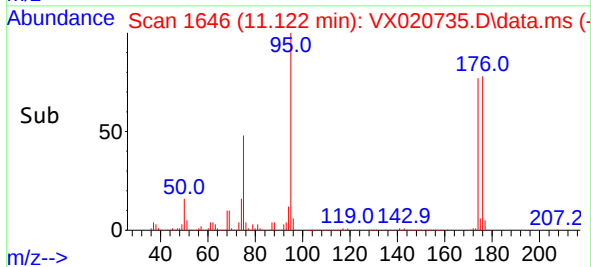
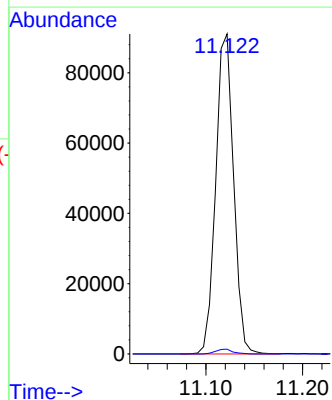
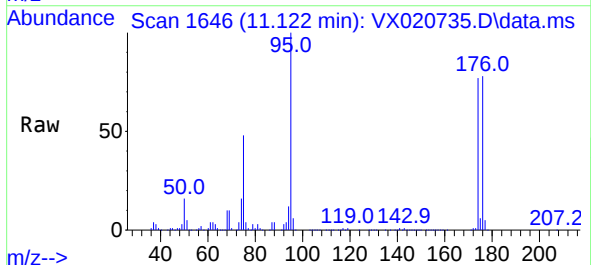
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

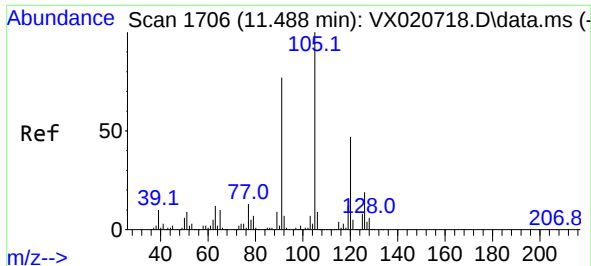


#76
1,2,3-Trichloropropane
Concen: 22.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 75 Resp: 116610

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#

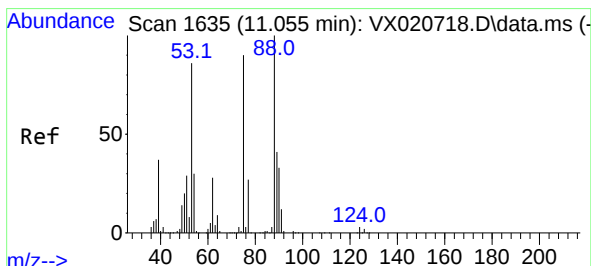
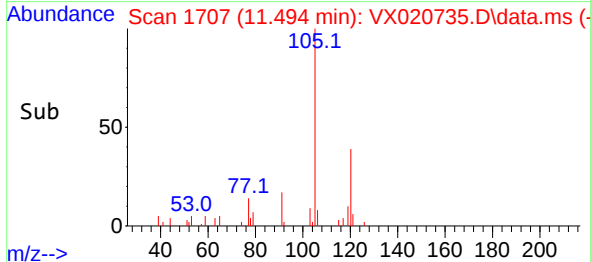
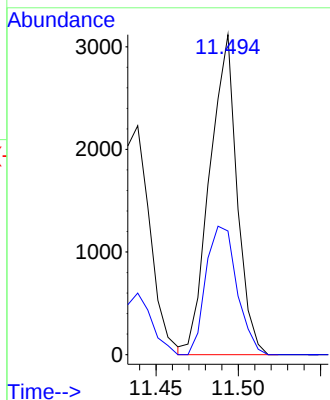
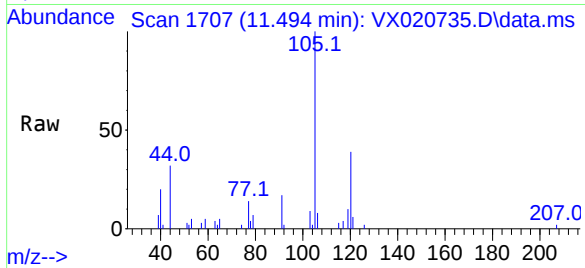




#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

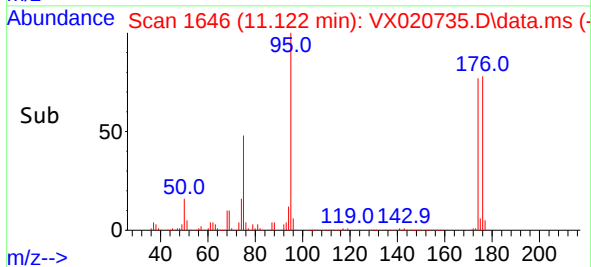
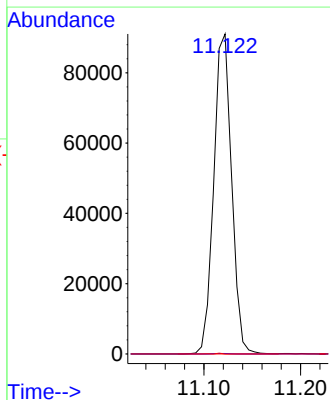
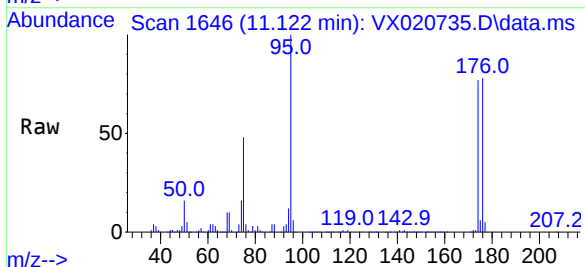
Instrument :
MSVOA_X
ClientSampled :
41106

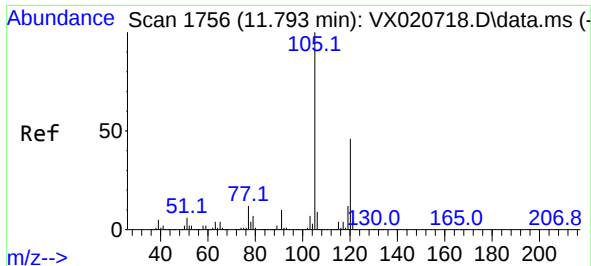
Tgt Ion:105 Resp: 3612
Ion Ratio Lower Upper
105 100
120 45.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 61.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion: 75 Resp: 116610
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#

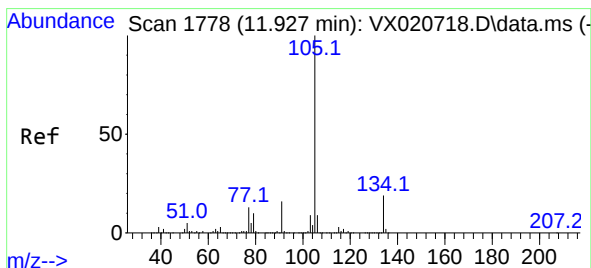
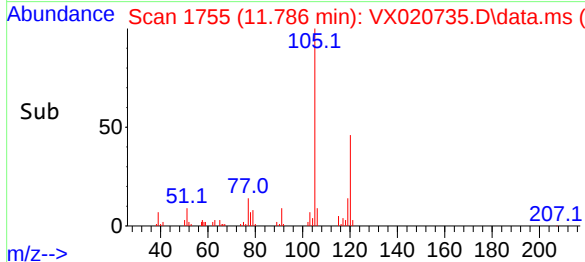
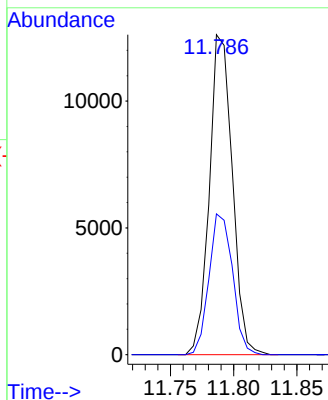
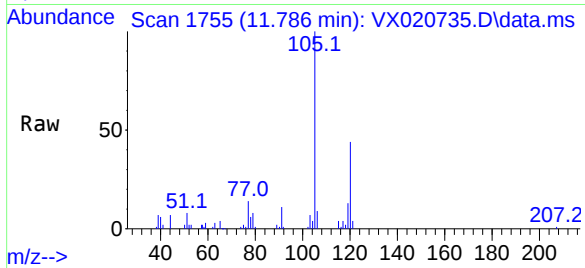




#84
1,2,4-Trimethylbenzene
Concen: 1.12 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

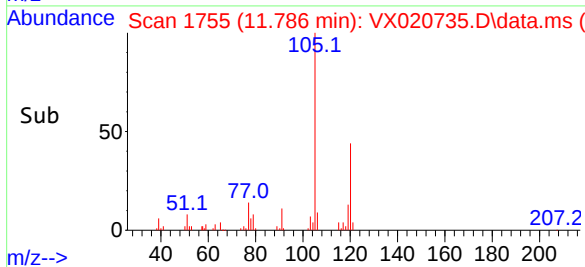
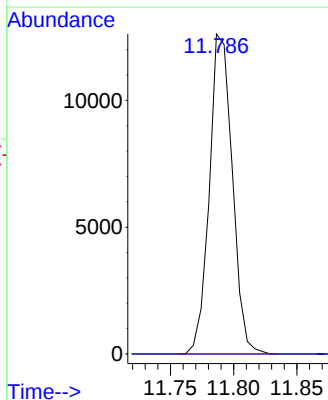
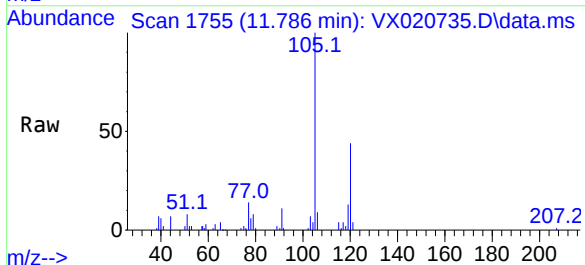
Instrument :
MSVOA_X
ClientSampleId :
41106

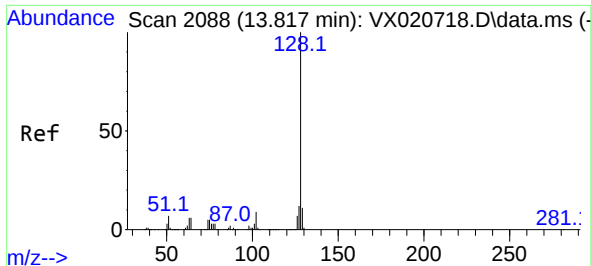
Tgt Ion:105 Resp: 15933
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.02 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.141 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Tgt Ion:105 Resp: 15933
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#95
Naphthalene
Concen: 2.91 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020735.D
Acq: 25 Jan 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :
41106

Tgt Ion:	128	Resp:	769
Ion	Ratio	Lower	Upper
128	100		
127	4.4	10.3	15.5#
129	9.2	8.8	13.2

