

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020977.D
 Acq On : 02 Mar 2021 20:14
 Operator : JC/MD
 Sample : M1545-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Mar 03 01:18:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

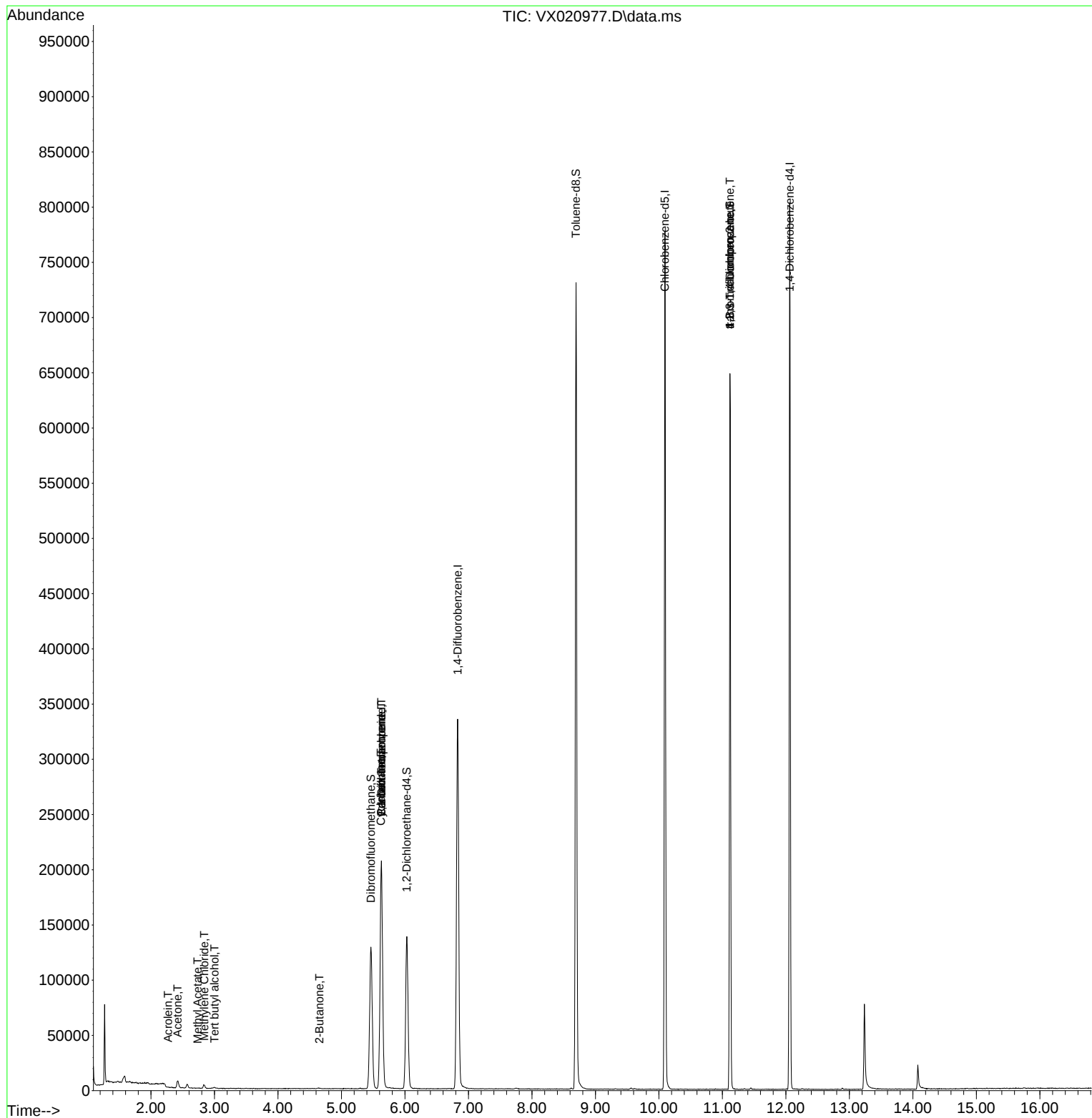
Internal Standards						
1) Pentafluorobenzene	5.629	168	200345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	365724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	360066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	165923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	130160	48.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.20%		
35) Dibromofluoromethane	5.464	113	113505	51.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.16%		
50) Toluene-d8	8.694	98	455151	52.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.06%		
62) 4-Bromofluorobenzene	11.118	95	177368	55.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.72%		
Target Compounds						
5) Bromomethane	1.640	94	446	Below Cal		93
11) Tert butyl alcohol	2.999	59	850	1.41 ug/l #		73
13) Acrolein	2.270	56	95	0.25 ug/l #		14
16) Acetone	2.417	43	5209	4.67 ug/l		95
18) Methyl Acetate	2.734	43	689	0.26 ug/l #		47
20) Methylene Chloride	2.840	84	1576	0.59 ug/l		92
25) 2-Butanone	4.652	43	838	0.49 ug/l #		45
31) Cyclohexane	5.623	56	4011	1.02 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	15025	4.32 ug/l #		48
38) Carbon Tetrachloride	5.629	117	19100	5.67 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	84830	23.77 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	84830	52.62 ug/l #		12

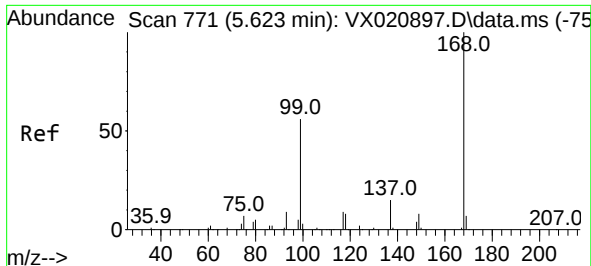
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
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Quant Time: Mar 03 01:18:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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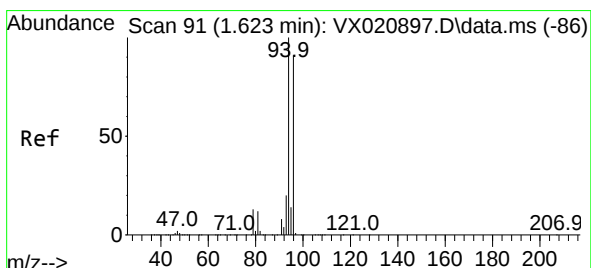
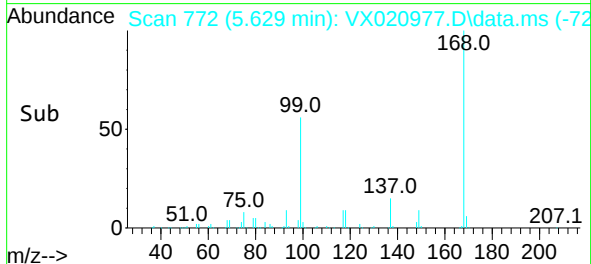
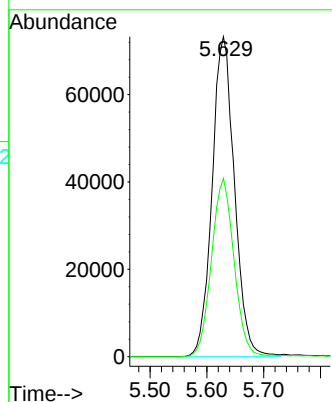
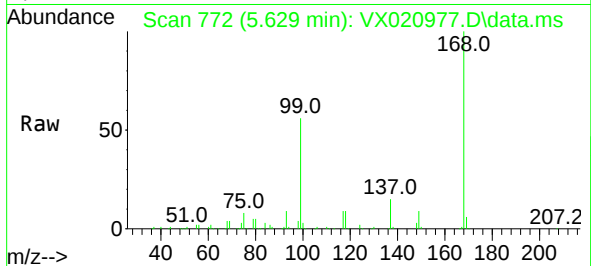




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

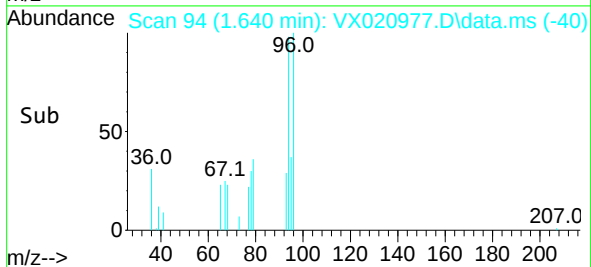
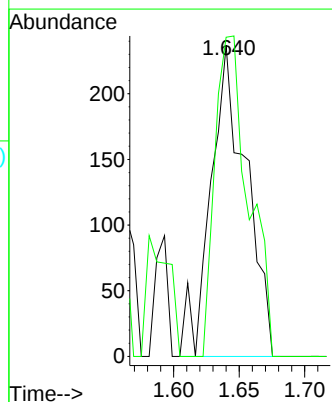
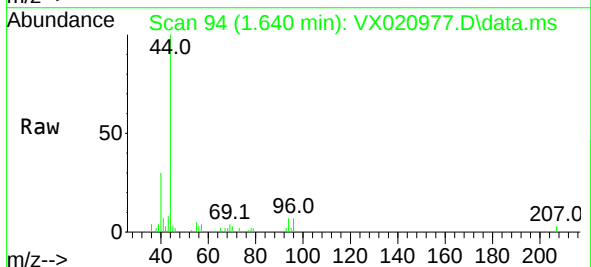
Instrument :
MSVOA_X
ClientSampled :
MH-F

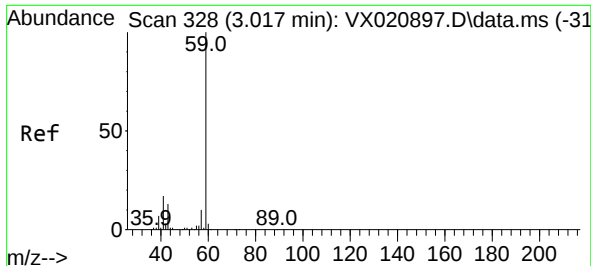
Tgt Ion:168 Resp: 200345
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 102.5 76.4 114.6



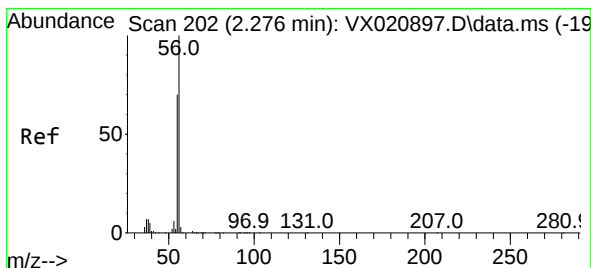
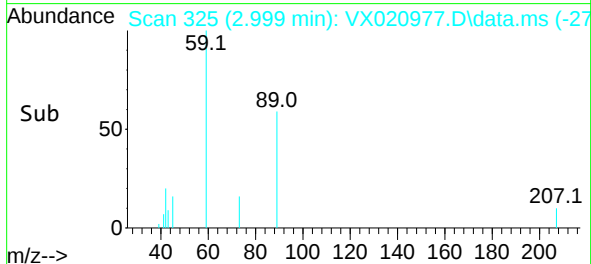
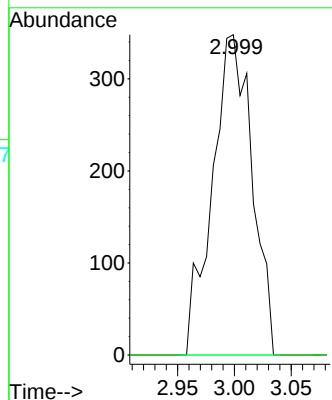
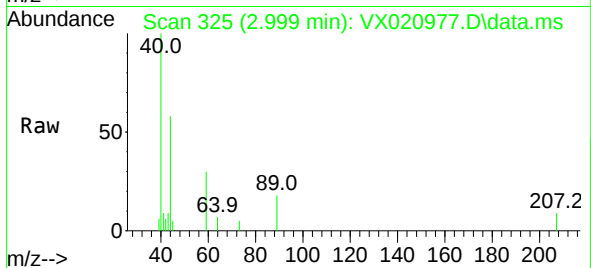


#11

Tert butyl alcohol
Concen: 1.41 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
MH-F

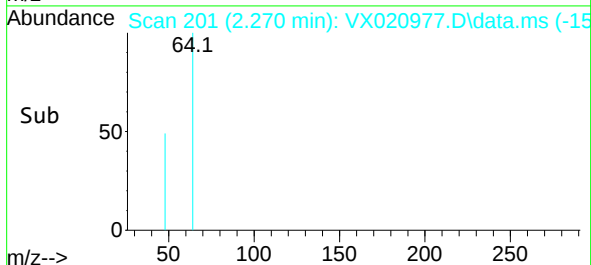
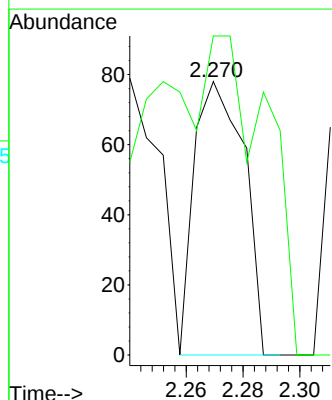
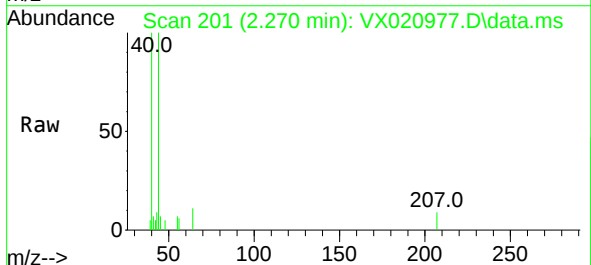
Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

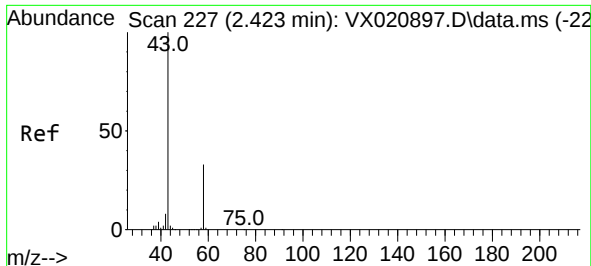


#13

Acrolein
Concen: 0.25 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

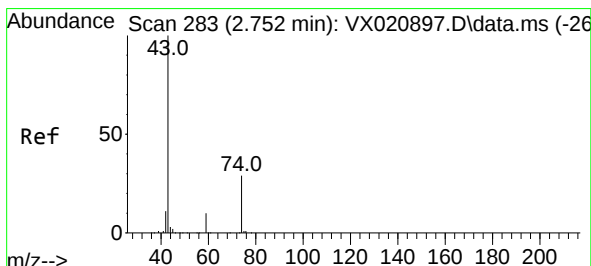
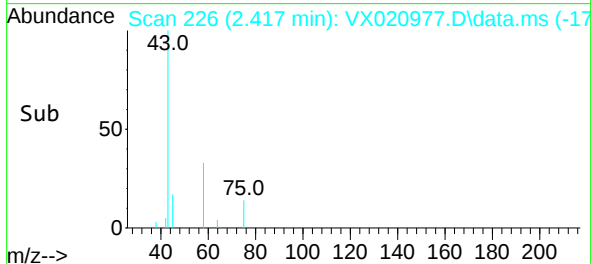
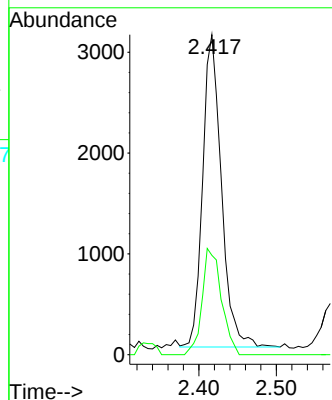
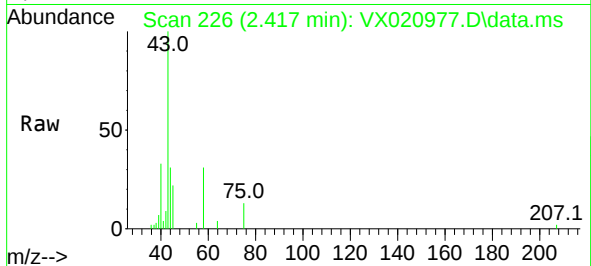




#16
Acetone
Concen: 4.67 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

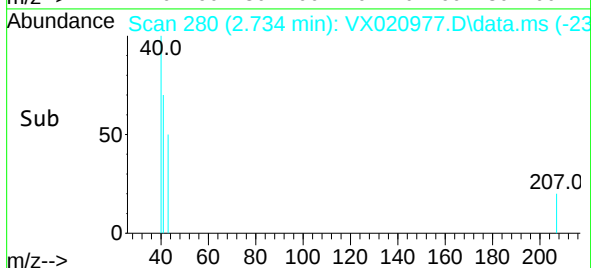
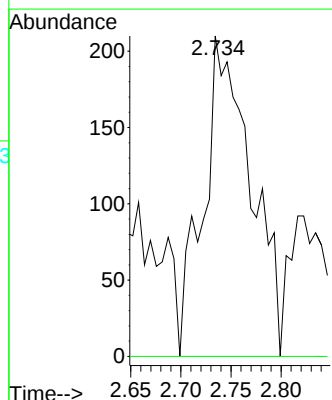
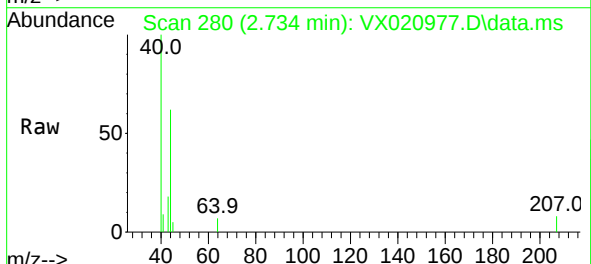
Instrument :
MSVOA_X
ClientSampleId :
MH-F

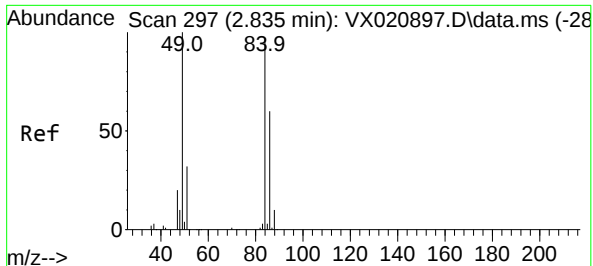
Tgt Ion: 43 Resp: 5209
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.734 min Scan# 280
Delta R.T. -0.018 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

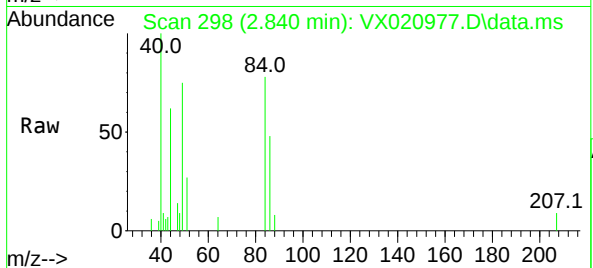
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



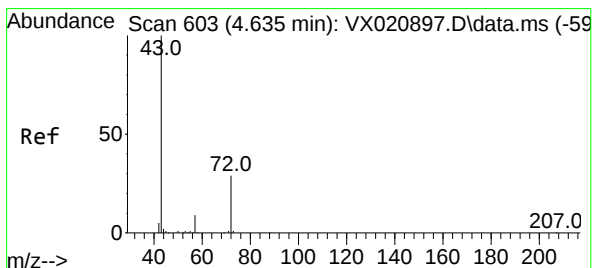
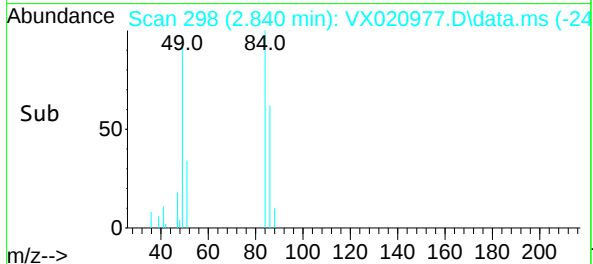
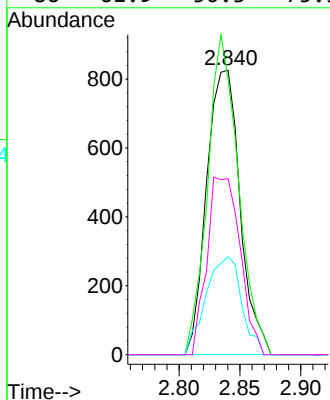


#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
MH-F

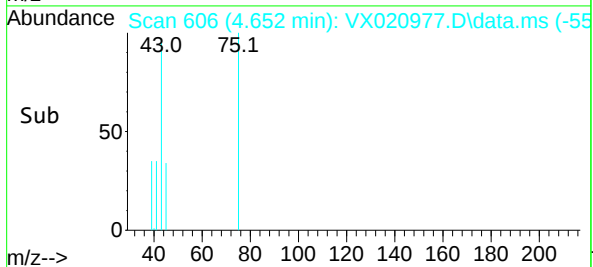
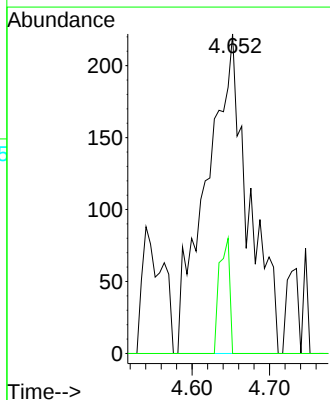
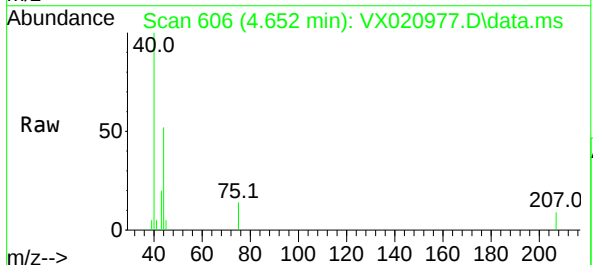


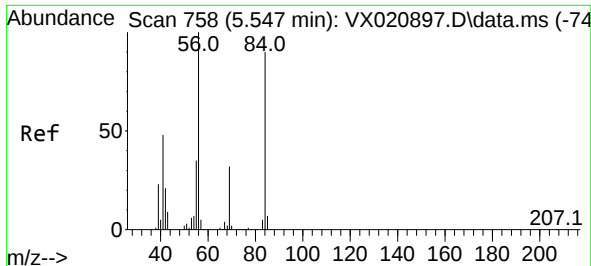
Tgt Ion:	84	Resp:	1576
Ion	Ratio	Lower	Upper
84	100		
49	96.6	88.6	132.8
51	34.4	27.0	40.6
86	61.9	50.3	75.5



#25
2-Butanone
Concen: 0.49 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.017 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

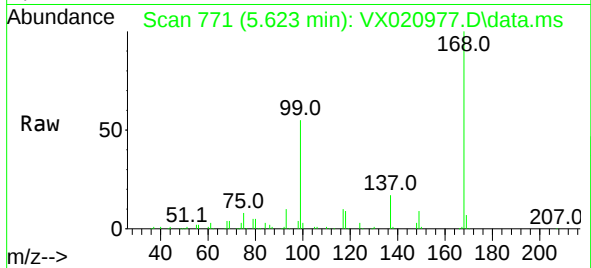
Tgt Ion:	43	Resp:	838
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



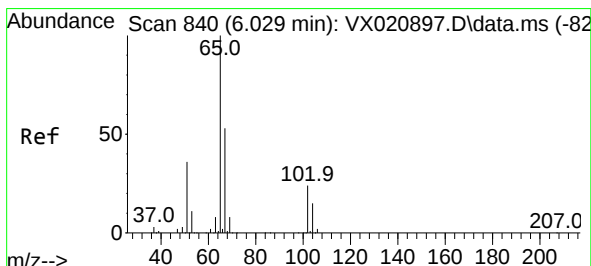
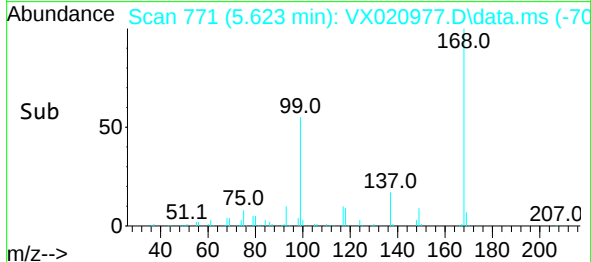
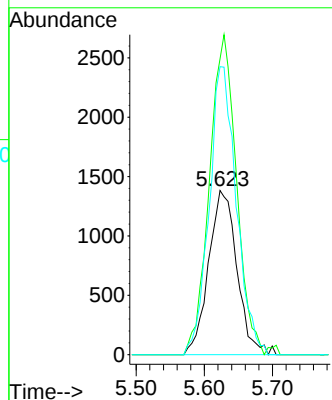


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
MH-F

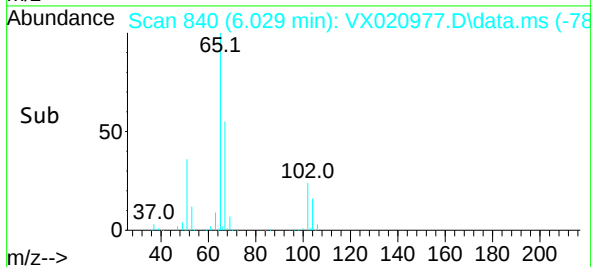
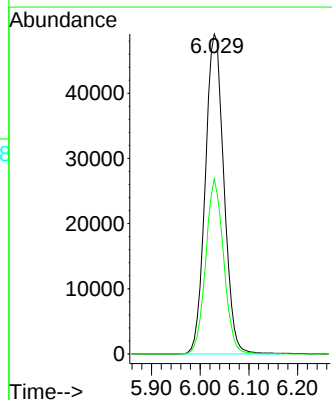
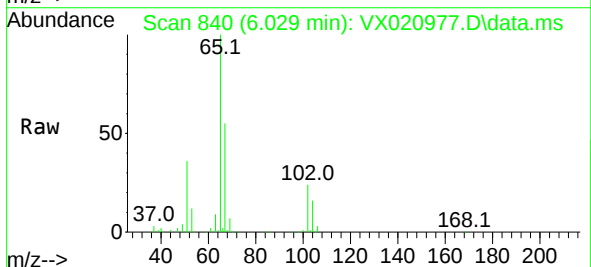


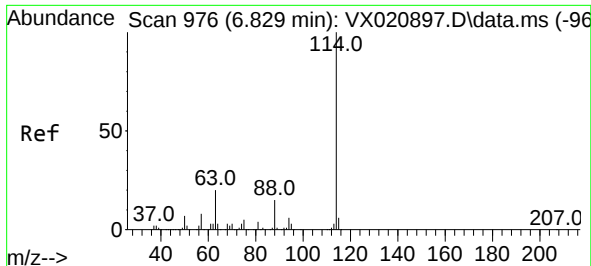
Tgt Ion: 56 Resp: 4011
Ion Ratio Lower Upper
56 100
69 180.1 25.3 37.9#
84 175.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Tgt Ion: 65 Resp: 130160
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

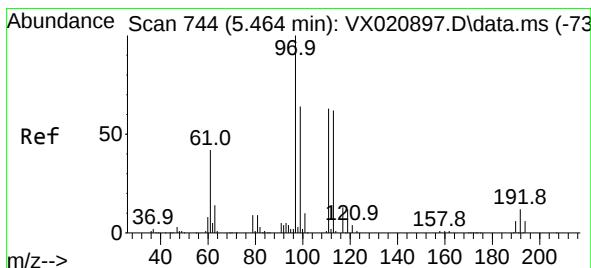
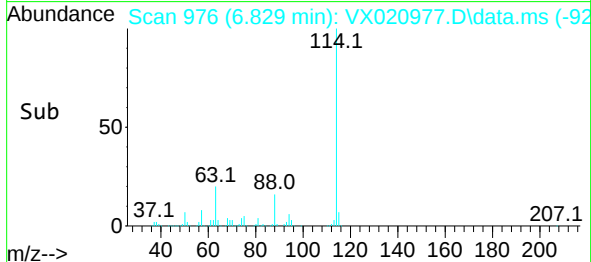
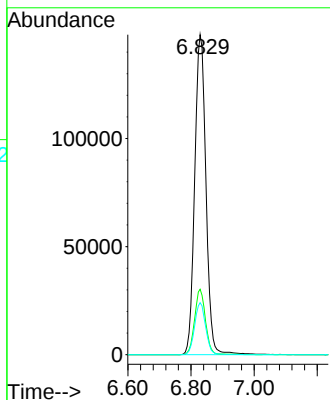
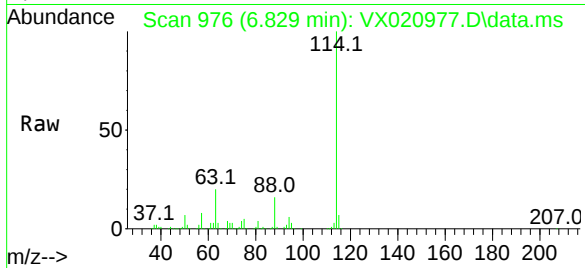




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

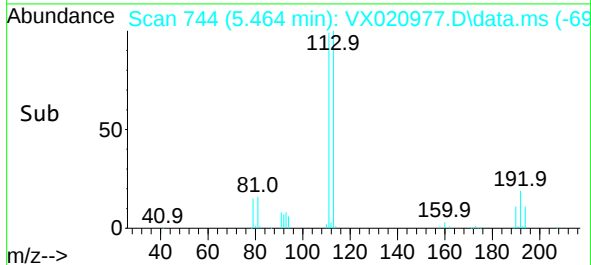
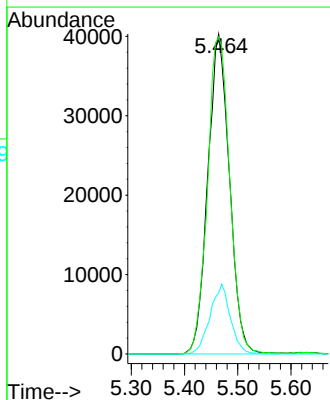
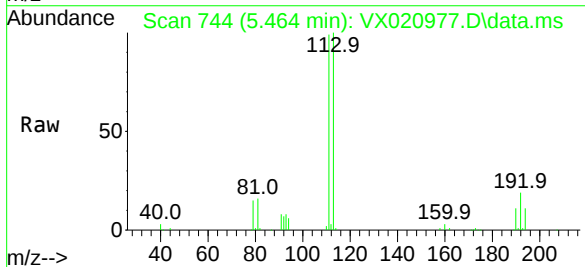
Instrument :
MSVOA_X
ClientSampleId :
MH-F

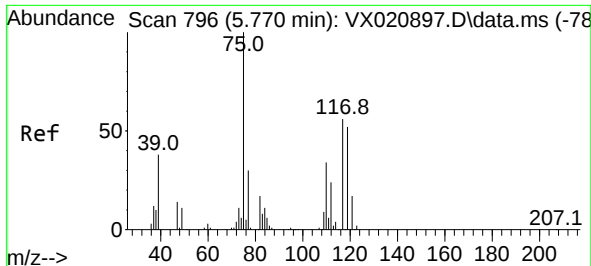
Tgt Ion:	114	Resp:	365724
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	40.8
88	16.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.08 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

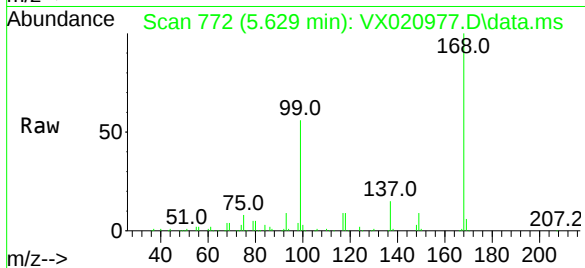
Tgt Ion:	113	Resp:	113505
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.9	122.9
192	20.6	16.7	25.1



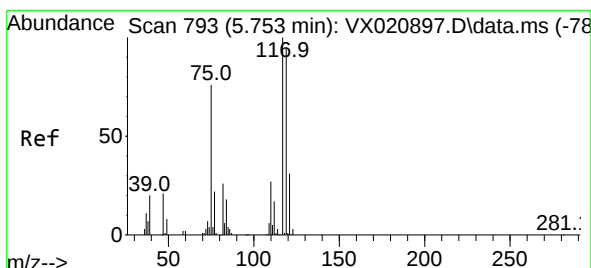
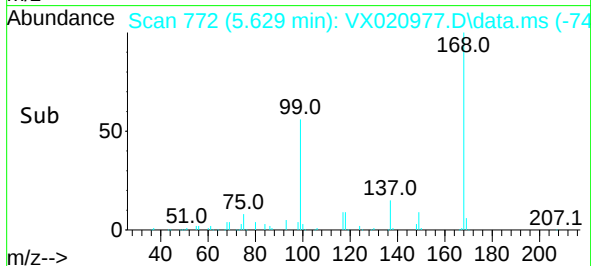
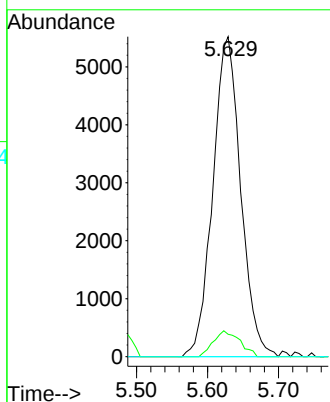


#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

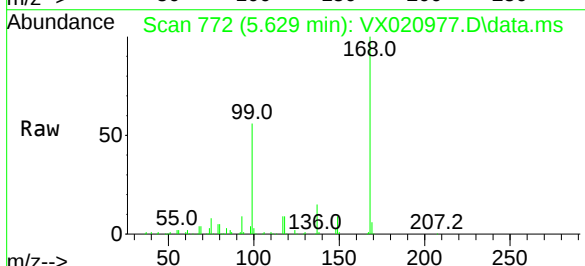
Instrument :
MSVOA_X
ClientSampled :
MH-F



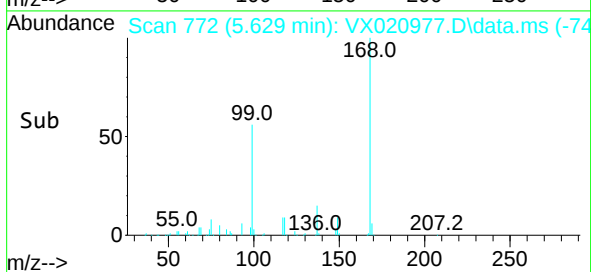
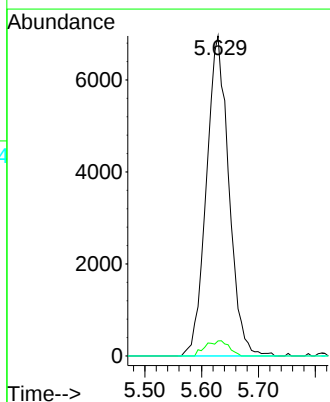
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.4#
77	0.0	25.3	37.9#

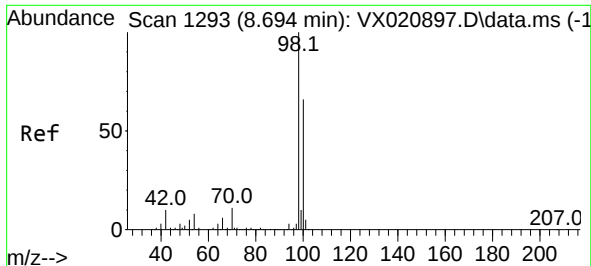


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14



Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

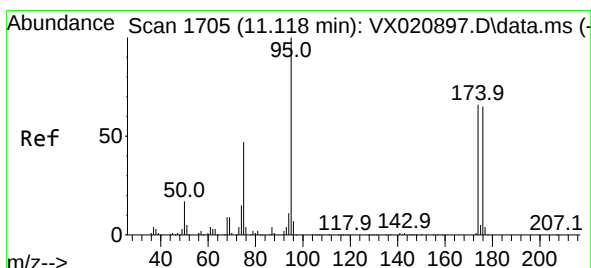
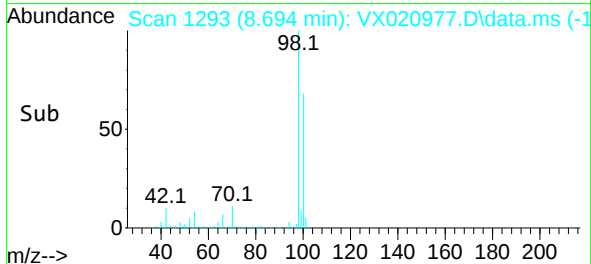
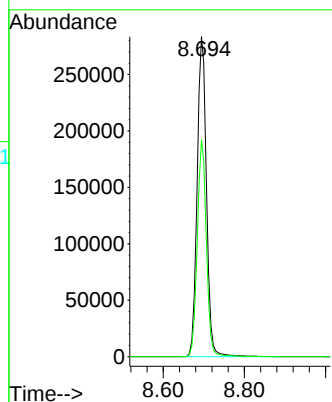
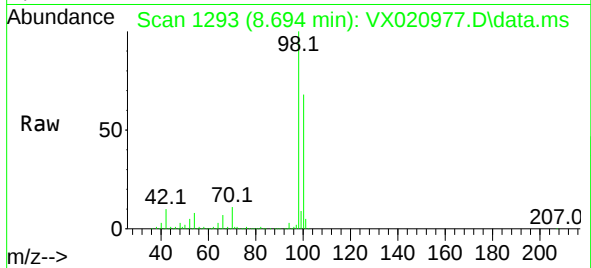




#50
Toluene-d8
Concen: 52.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

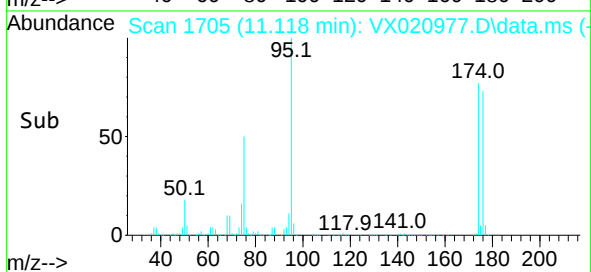
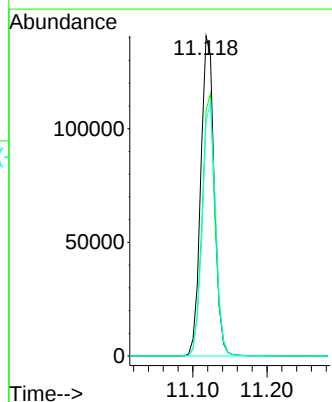
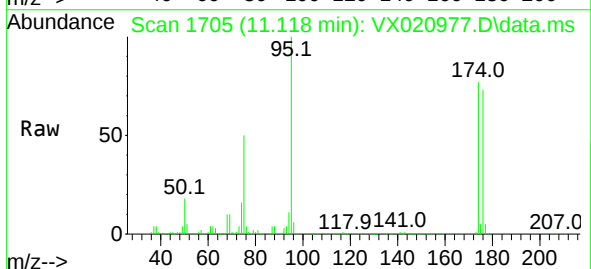
Instrument :
MSVOA_X
ClientSampleId :
MH-F

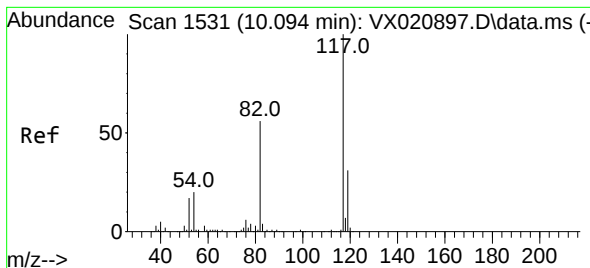
Tgt Ion: 98 Resp: 455151
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Tgt Ion: 95 Resp: 177368
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 78.4 0.0 155.8

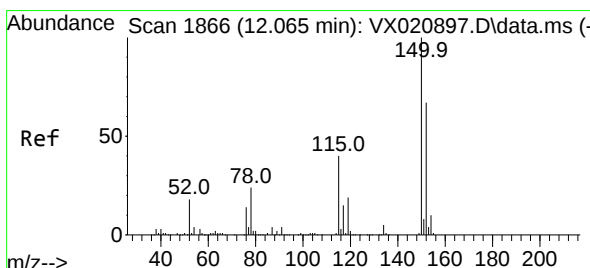
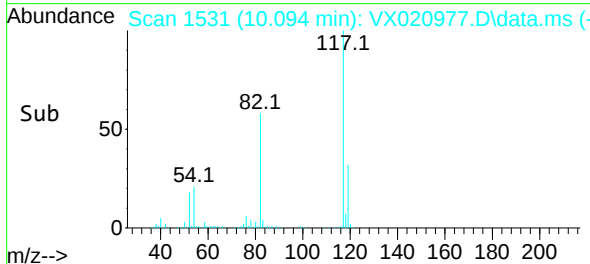
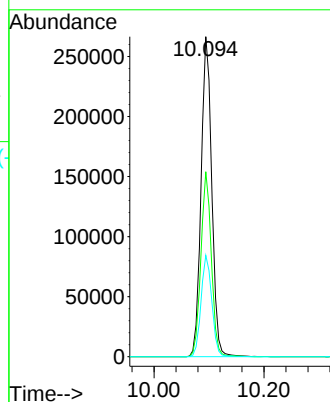
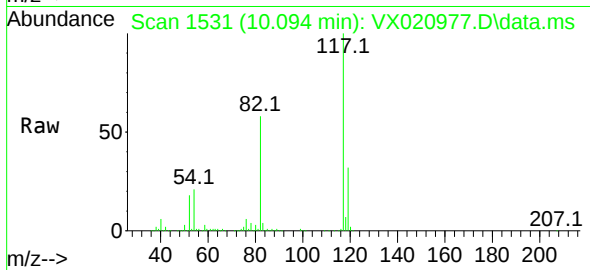




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

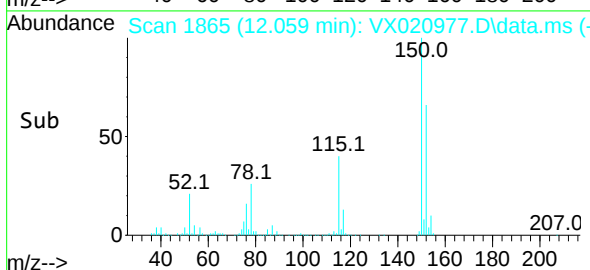
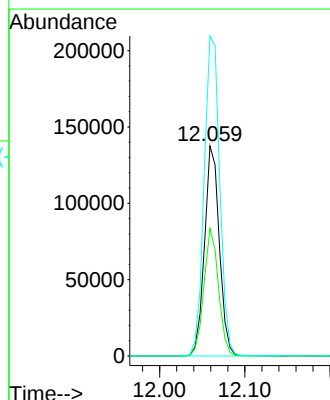
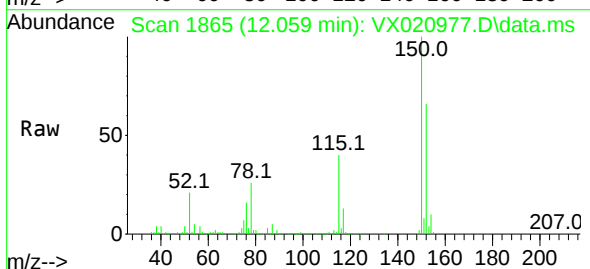
Instrument :
MSVOA_X
ClientSampleId :
MH-F

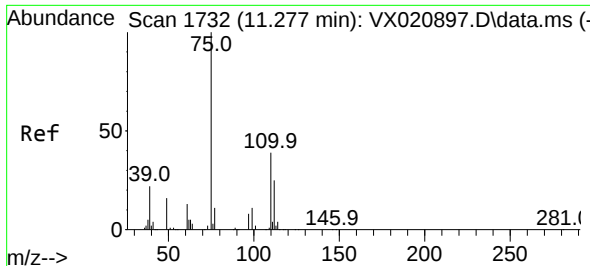
Tgt Ion:117 Resp: 360066
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Tgt Ion:152 Resp: 165923
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 160.4 0.0 349.0

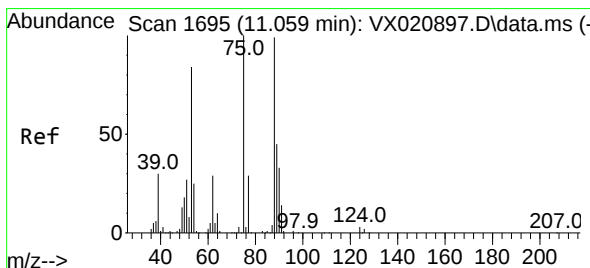
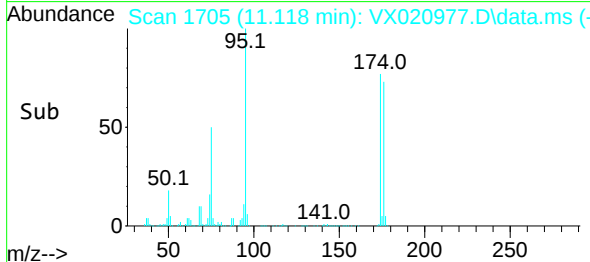
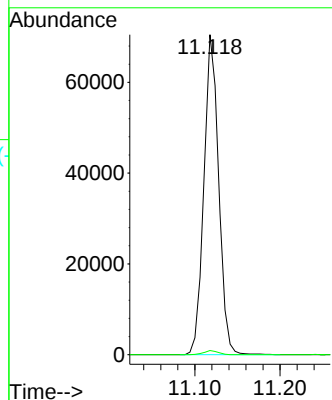
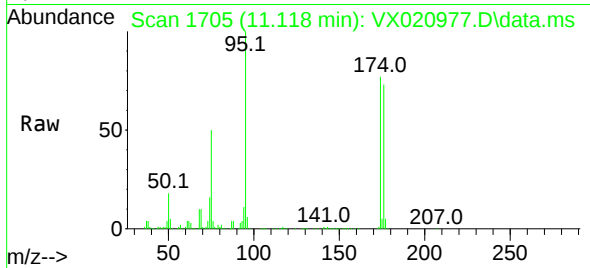




#76
1,2,3-Trichloropropane
Concen: 23.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 75 Resp: 84830
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020977.D
Acq: 02 Mar 2021 20:14

Tgt Ion: 75 Resp: 84830
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

