

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023594.D
 Acq On : 06 Aug 2021 14:21
 Operator : JC/MD
 Sample : M3316-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:44:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

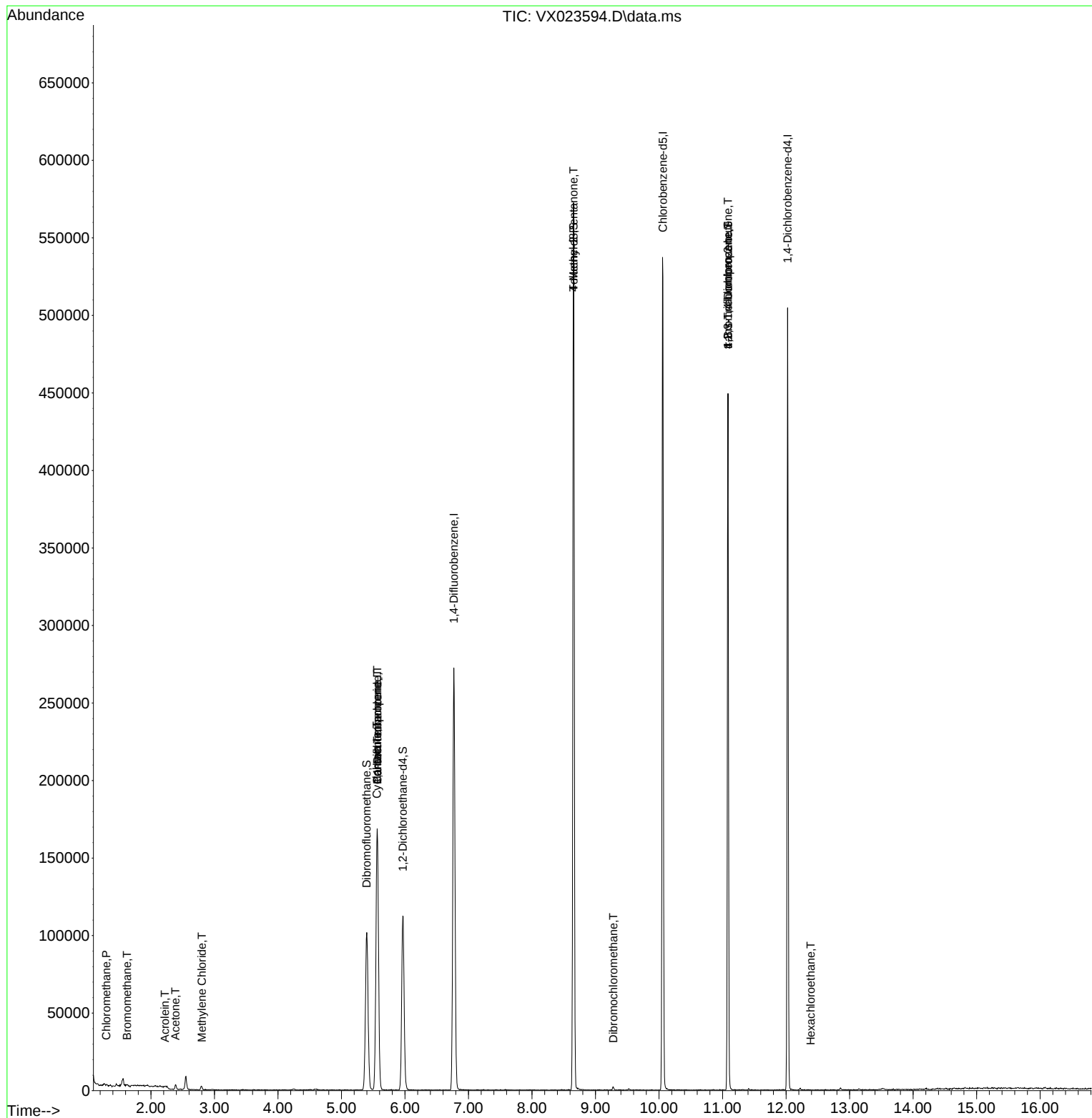
Internal Standards						
1) Pentafluorobenzene	5.562	168	161955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	249131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109219	54.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.120%	
35) Dibromofluoromethane	5.397	113	87119	50.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	8.652	98	331115	52.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	11.085	95	110264	51.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	394	0.227	ug/l #	74
5) Bromomethane	1.623	94	468	0.449	ug/l	87
13) Acrolein	2.221	56	86	1.728	ug/l #	1
16) Acetone	2.385	43	3249	3.278	ug/l #	84
20) Methylene Chloride	2.800	84	1100	0.571	ug/l #	82
31) Cyclohexane	5.556	56	3424	1.144	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	12456	5.004	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16450	6.499	ug/l #	15
51) 4-Methyl-2-Pentanone	8.652	43	1708	0.574	ug/l #	1
60) Dibromochloromethane	9.280	129	362	2.153	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58208	26.629	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58208	71.603	ug/l #	12
90) Hexachloroethane	12.390	117	21	1.917	ug/l #	9

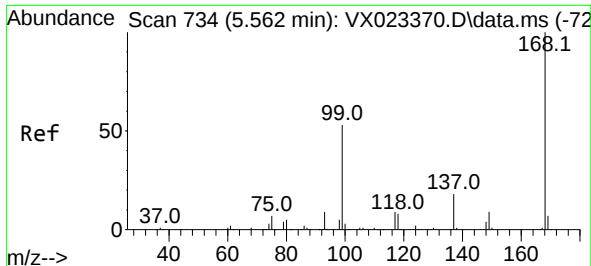
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Aug 07 04:44:26 2021
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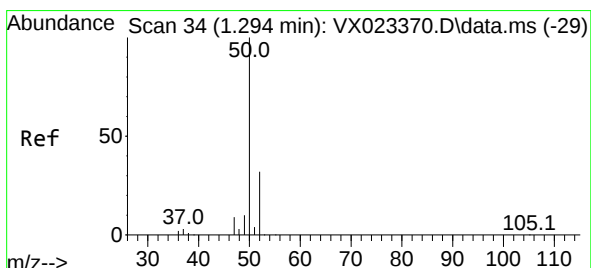
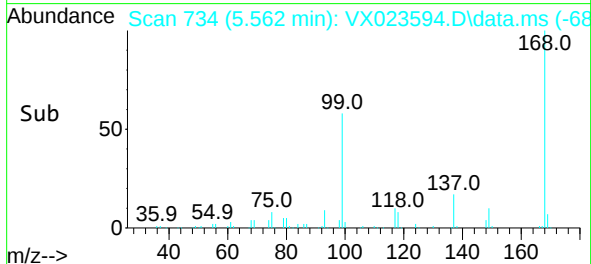
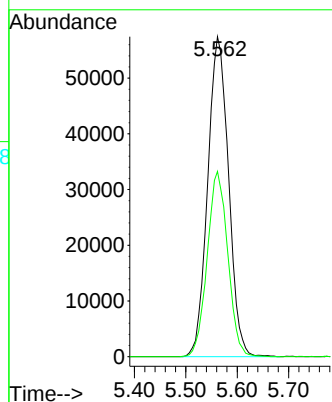
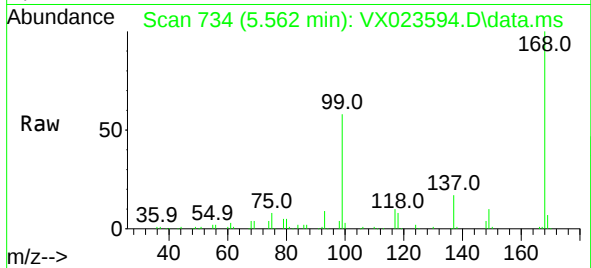




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

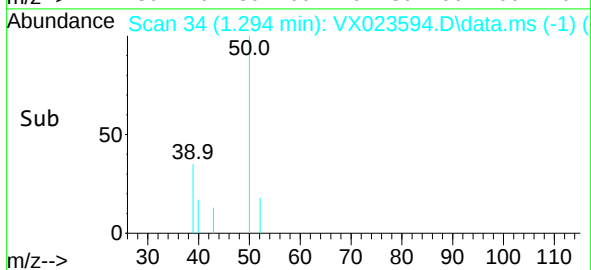
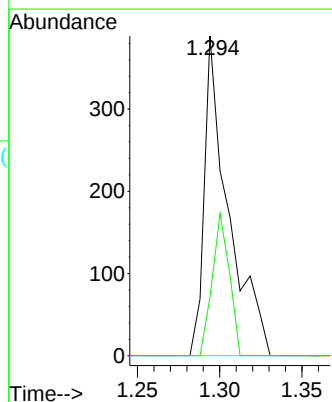
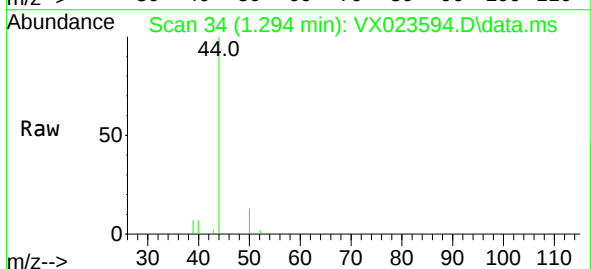
Instrument :
MSVOA_X
ClientSampled :

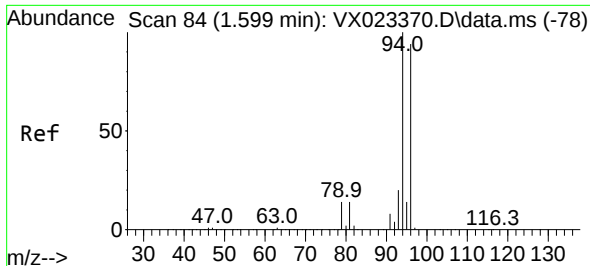
Tgt Ion:168 Resp: 161955
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 18.3 26.4 39.6#

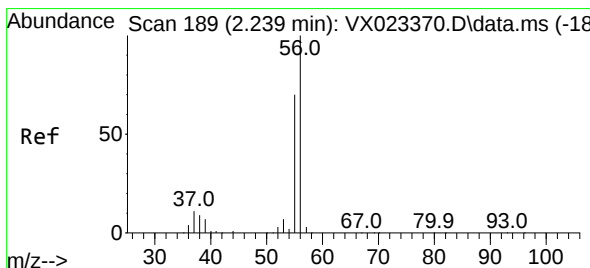
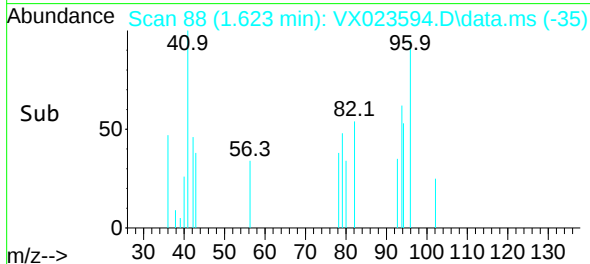
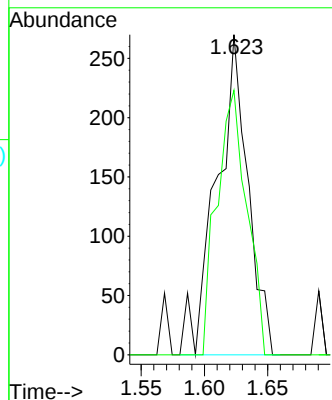
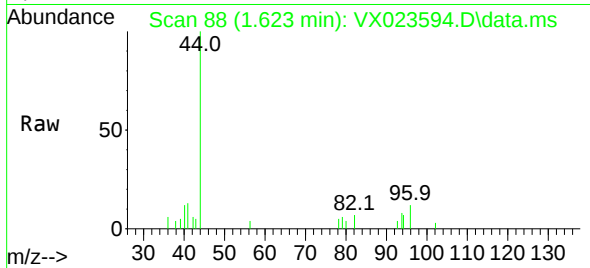




#5
Bromomethane
Concen: 0.449 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

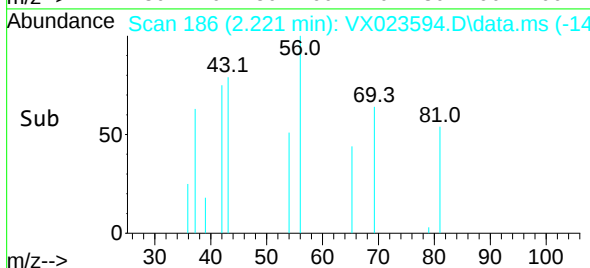
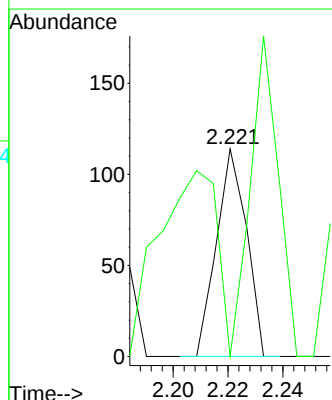
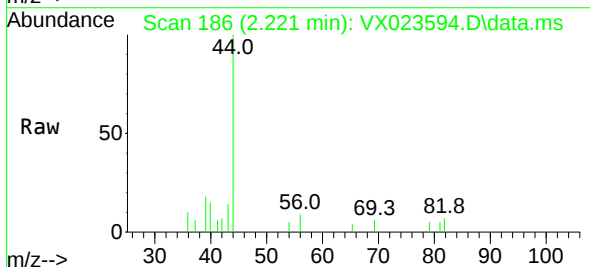
Instrument :
MSVOA_X
ClientSampled :

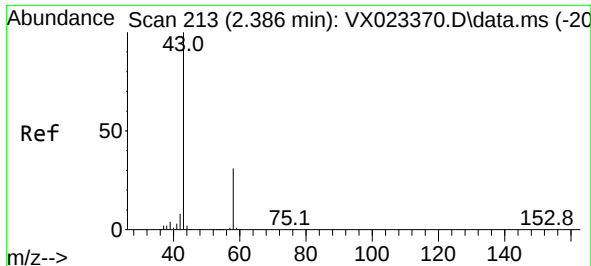
Tgt Ion: 94 Resp: 468
Ion Ratio Lower Upper
94 100
96 82.6 76.4 114.6



#13
Acrolein
Concen: 1.728 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 198.8 56.4 84.6#

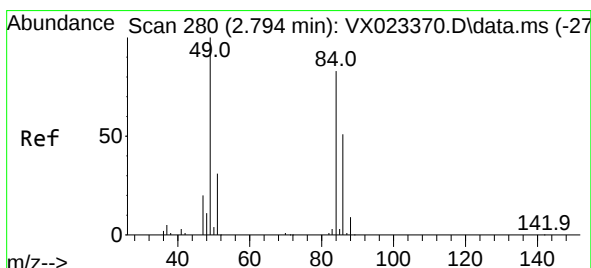
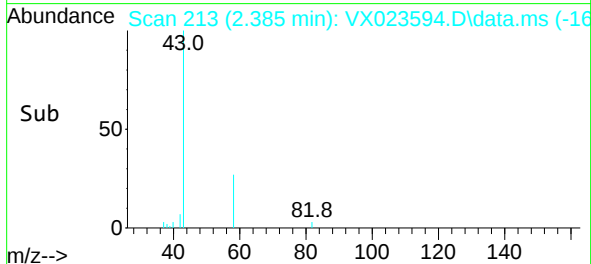
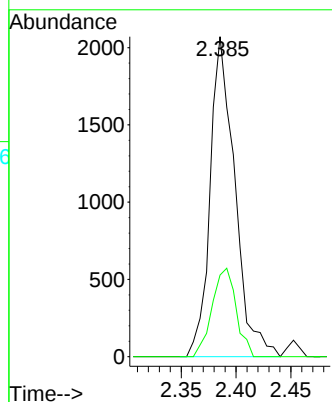
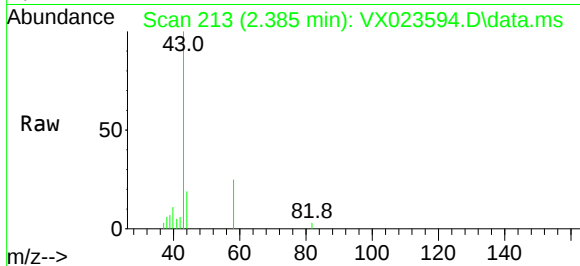




#16
Acetone
Concen: 3.278 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

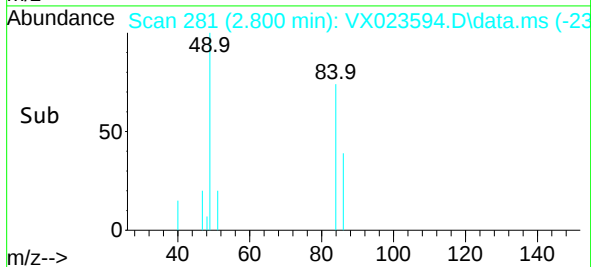
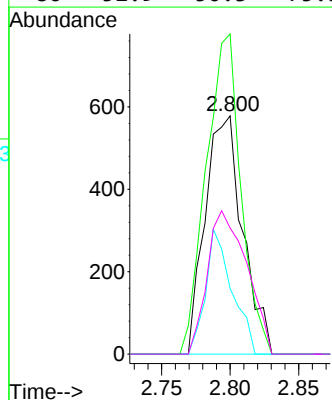
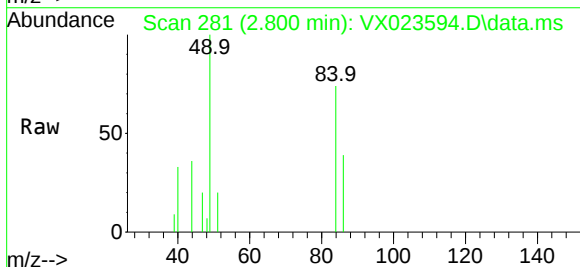
Instrument :
MSVOA_X
ClientSampled :

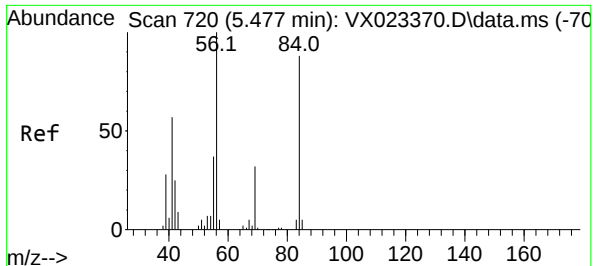
Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.571 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

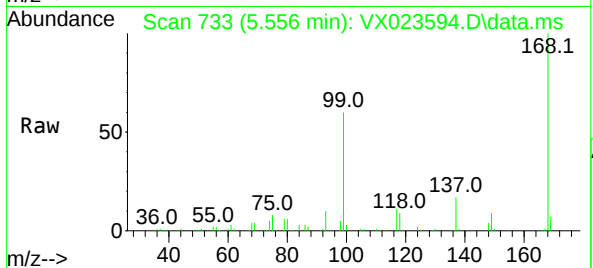
Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
49 134.4 88.6 132.8#
51 27.5 27.0 40.6
86 52.9 50.3 75.5



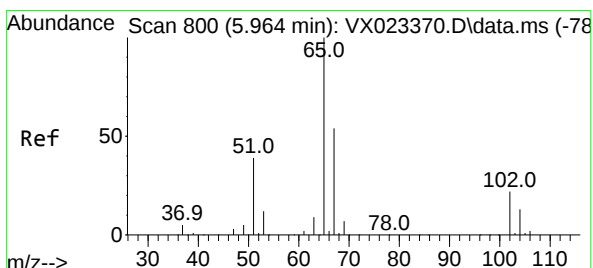
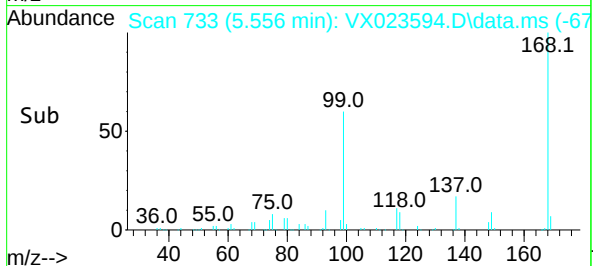
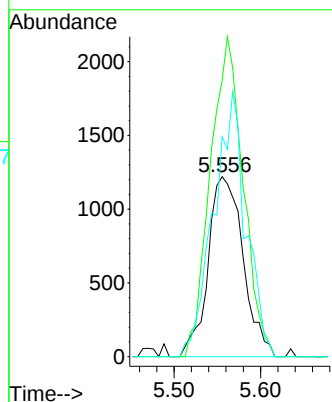


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Instrument :
MSVOA_X
ClientSampled :

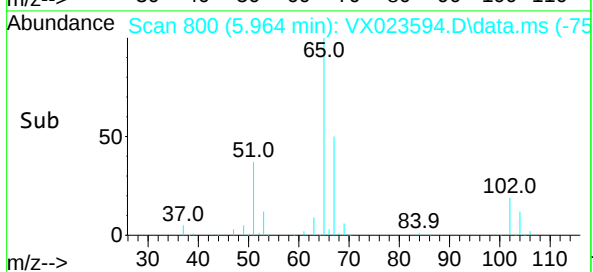
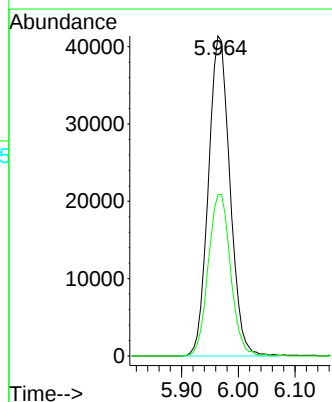
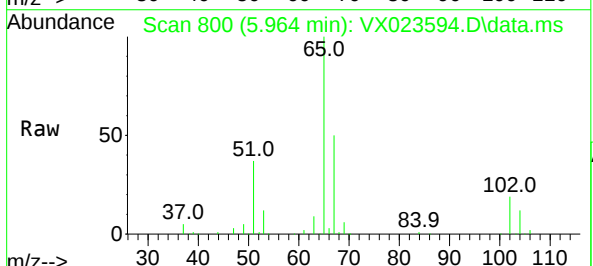


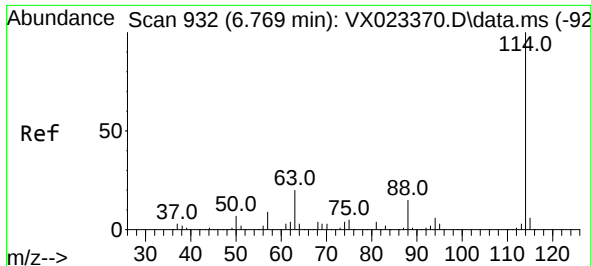
Tgt Ion: 56 Resp: 3424
Ion Ratio Lower Upper
56 100
69 153.4 25.3 37.9#
84 122.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.062 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion: 65 Resp: 109219
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

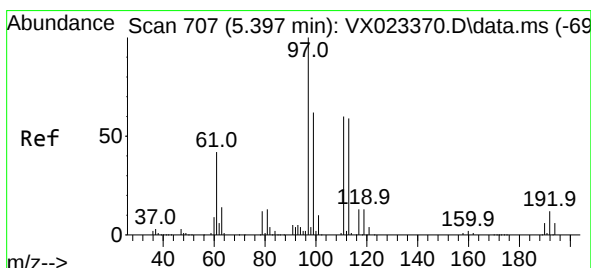
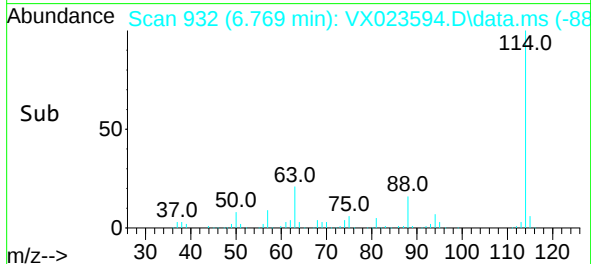
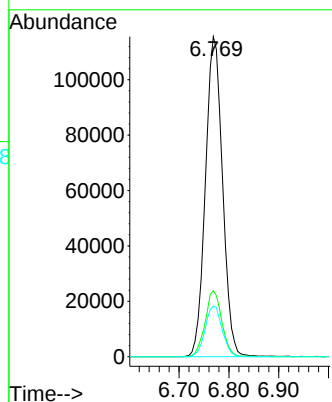
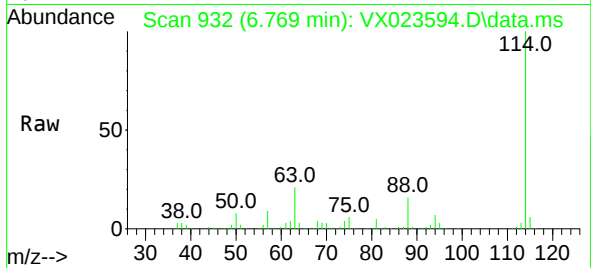




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

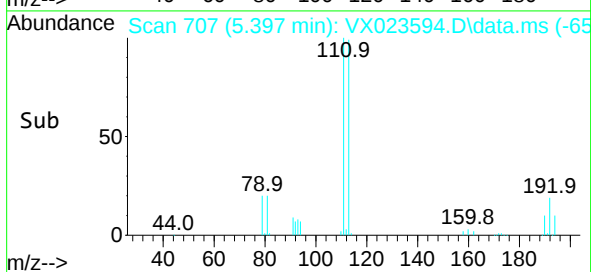
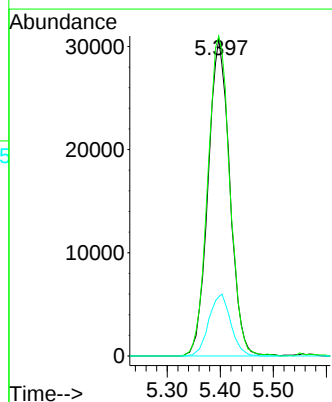
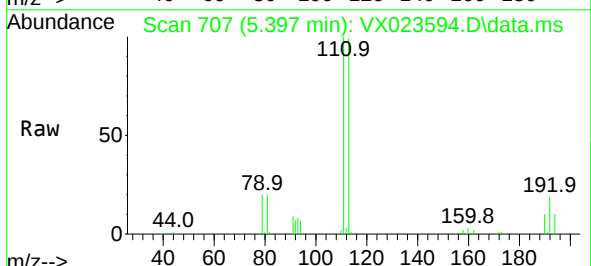
Instrument :
MSVOA_X
ClientSampled :

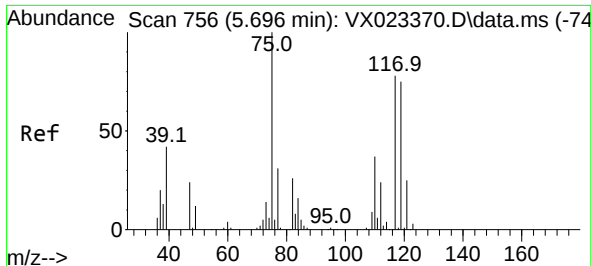
Tgt Ion:114 Resp: 275146
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.641 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion:113 Resp: 87119
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.7 16.7 25.1

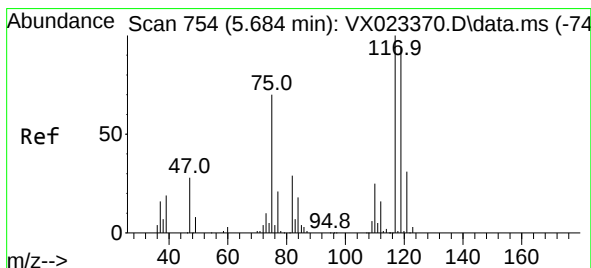
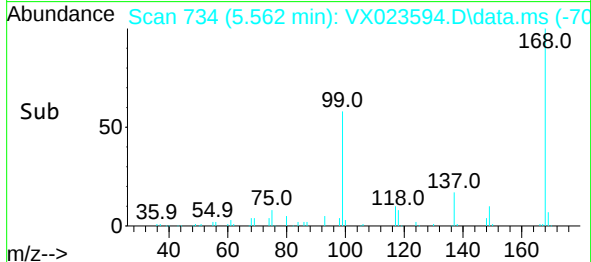
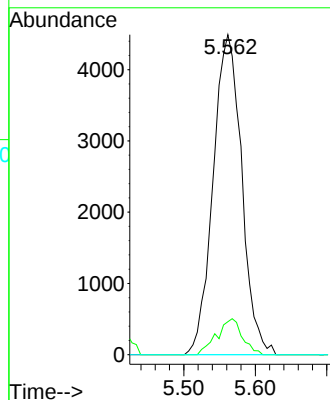
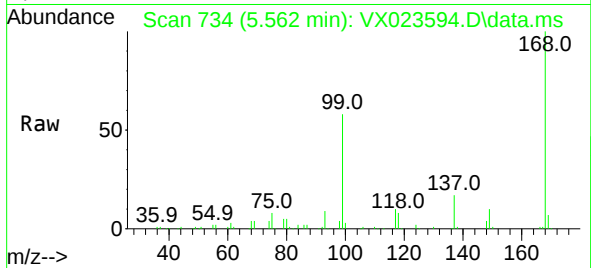




#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

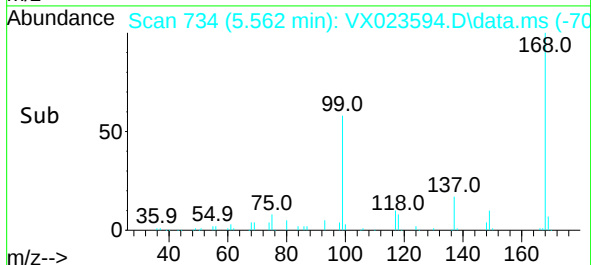
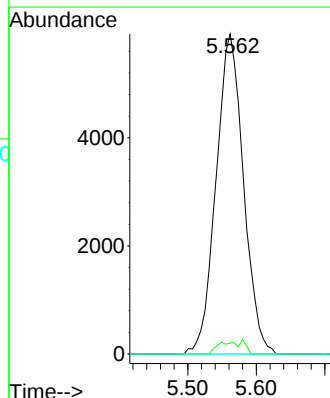
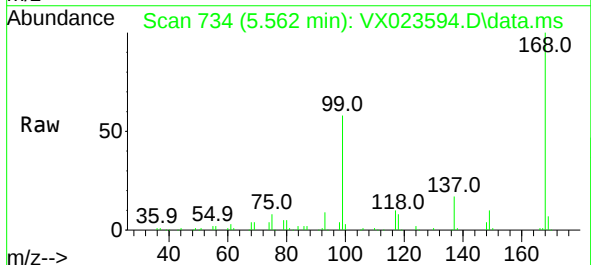
Instrument :
MSVOA_X
ClientSampled :

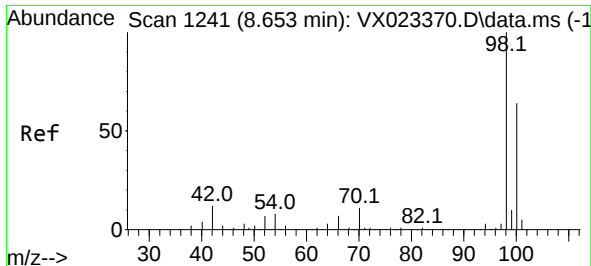
Tgt Ion: 75 Resp: 12456
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion:117 Resp: 16450
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

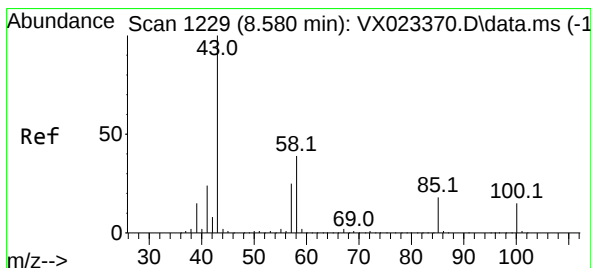
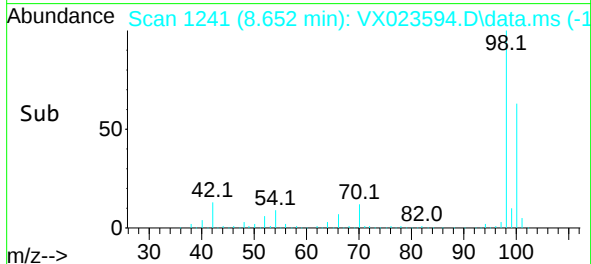
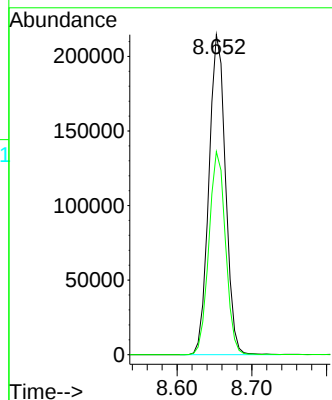
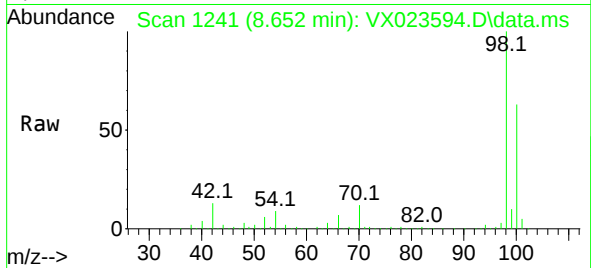




#50
Toluene-d8
Concen: 52.387 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

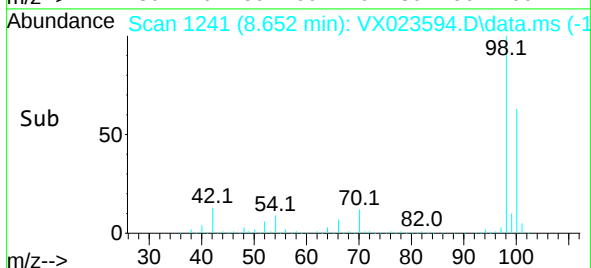
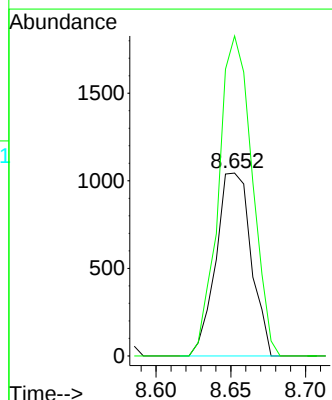
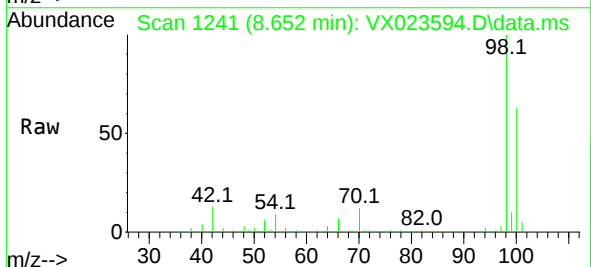
Instrument :
MSVOA_X
ClientSampled :

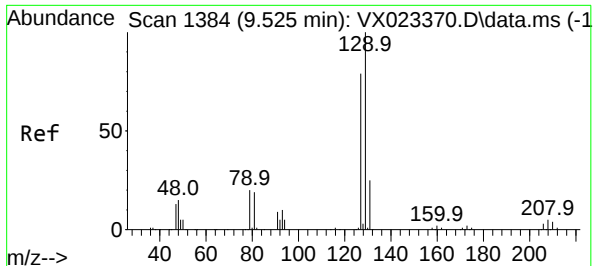
Tgt Ion: 98 Resp: 331115
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.072 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 167.0 35.4 53.0#

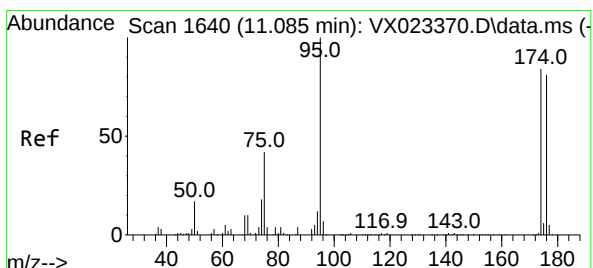
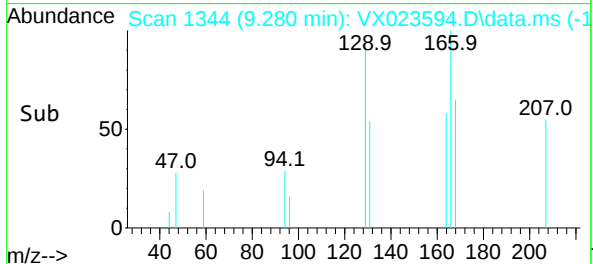
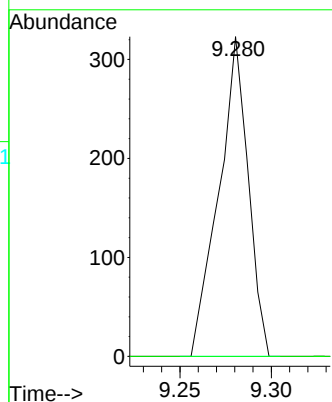
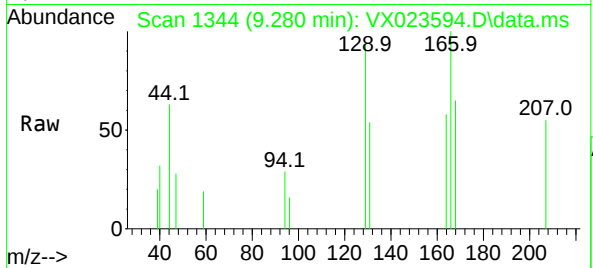




#60
Dibromochloromethane
Concen: 2.153 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.245 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

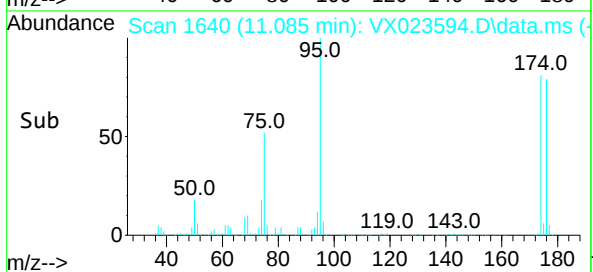
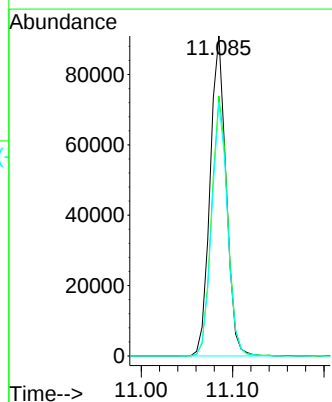
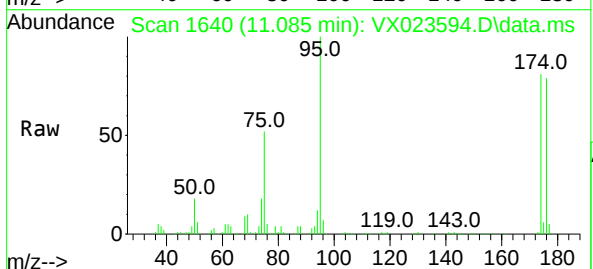
Instrument :
MSVOA_X
ClientSampled :

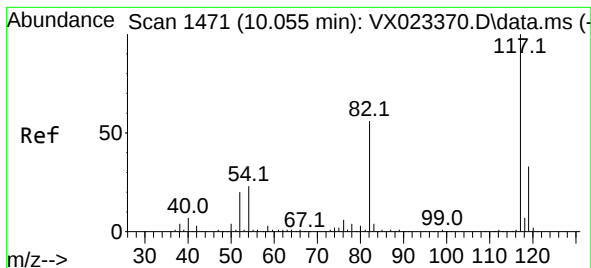
Tgt Ion:129 Resp: 362
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion: 95 Resp: 110264
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 78.3 0.0 155.8

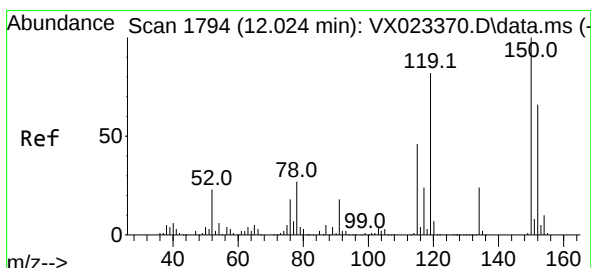
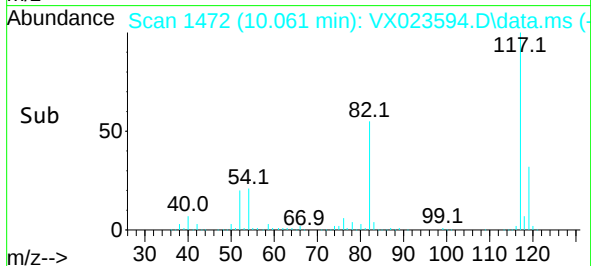
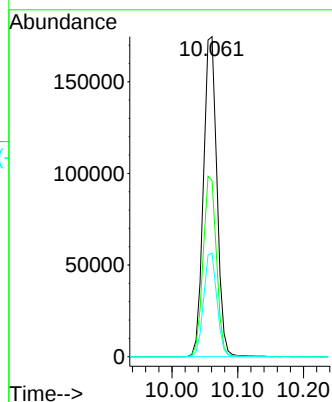
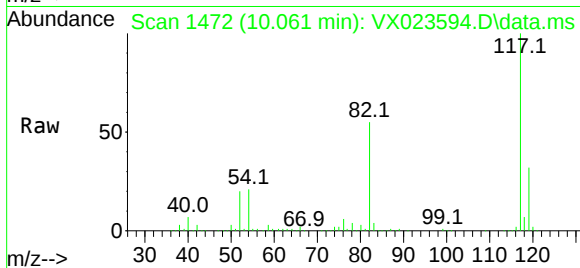




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

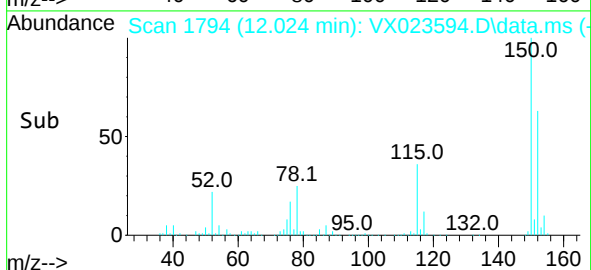
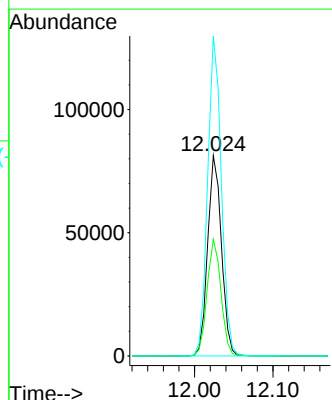
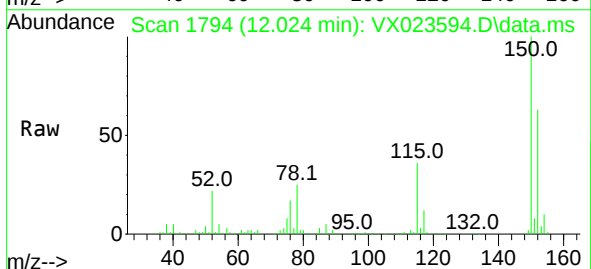
Instrument :
MSVOA_X
ClientSampled :

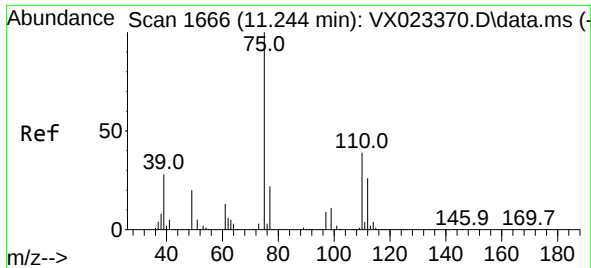
Tgt Ion:117 Resp: 249131
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

Tgt Ion:152 Resp: 99332
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 158.0 0.0 349.0

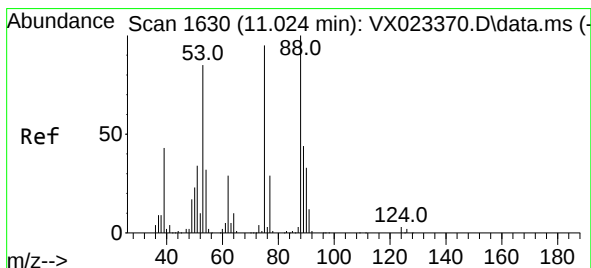
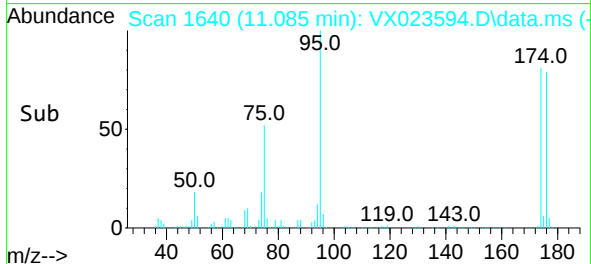
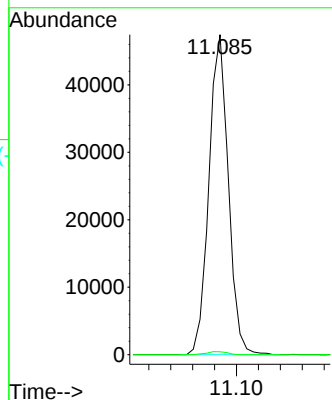
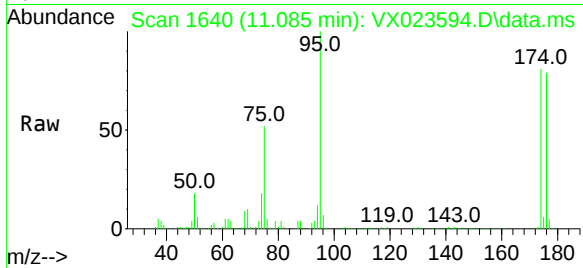




#76
1,2,3-Trichloropropane
Concen: 26.629 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

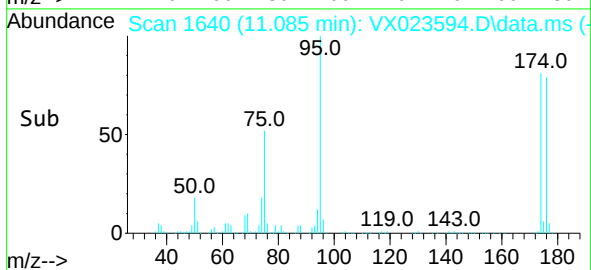
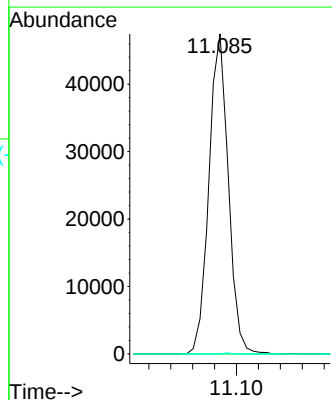
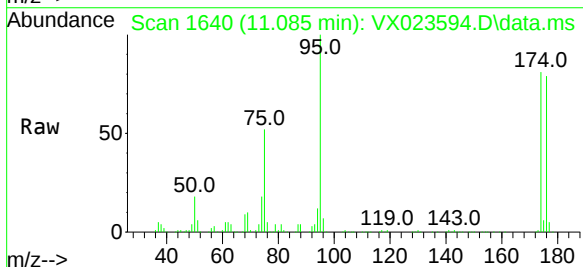
Instrument :
MSVOA_X
ClientSampled :

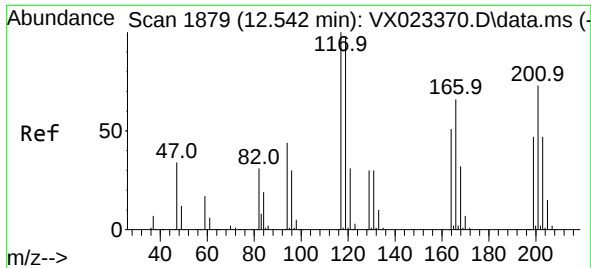
Tgt Ion: 75 Resp: 58208
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023594.D
Acq: 06 Aug 2021 14:21

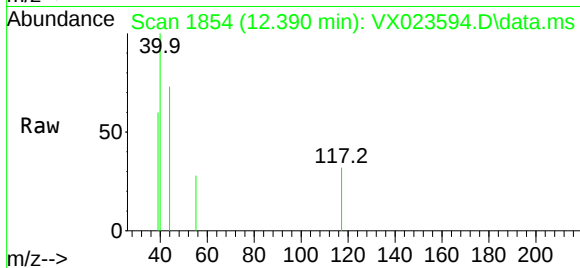
Tgt Ion: 75 Resp: 58208
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#90
 Hexachloroethane
 Concen: 1.917 ug/l
 RT: 12.390 min Scan# 1854
 Delta R.T. -0.152 min
 Lab File: VX023594.D
 Acq: 06 Aug 2021 14:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 21
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

