

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023586.D
 Acq On : 06 Aug 2021 10:56
 Operator : JC/MD
 Sample : VX0806WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:41:26 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)

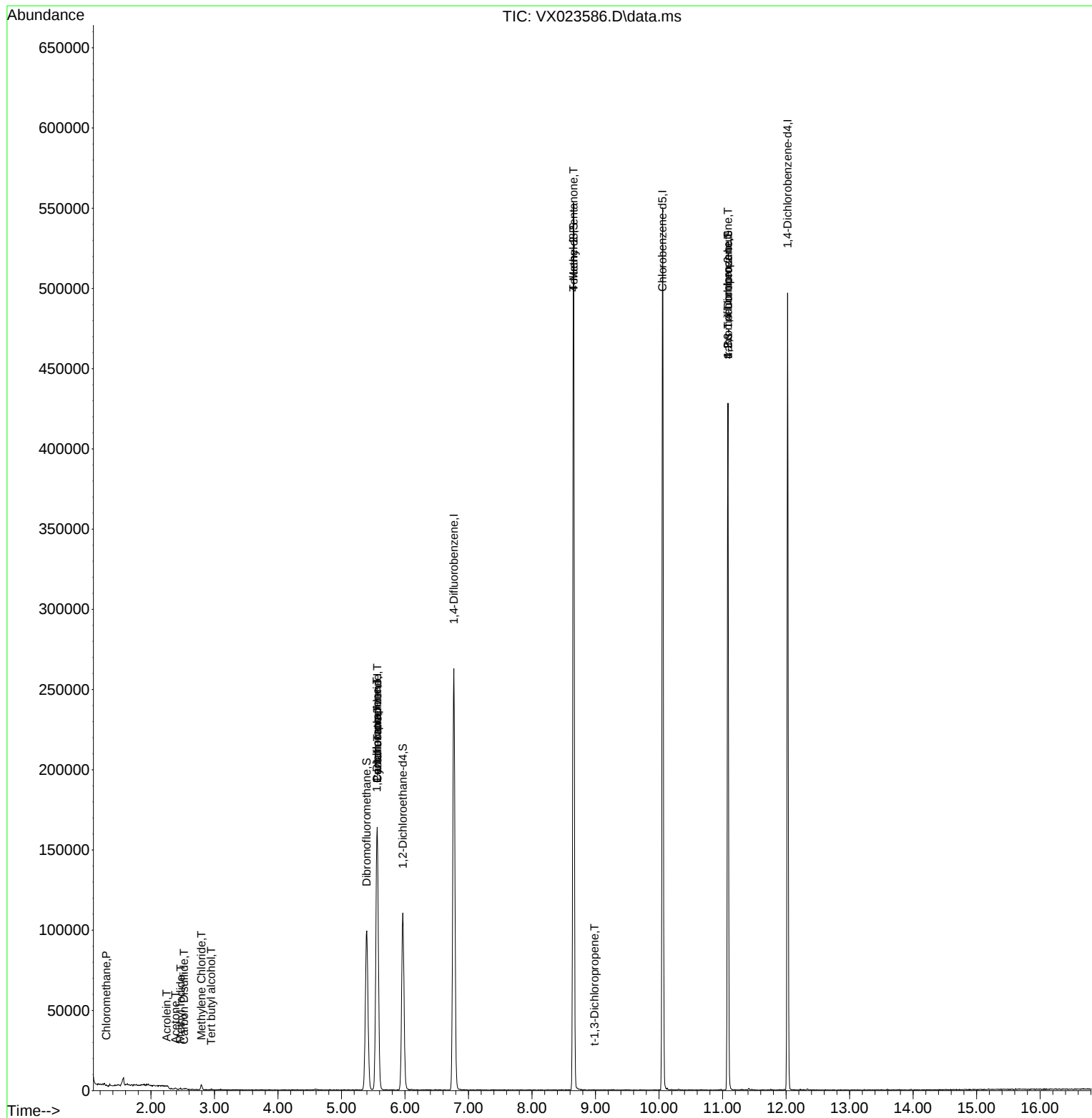
Internal Standards						
1) Pentafluorobenzene	5.562	168	155266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105187	54.310	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.620%		
35) Dibromofluoromethane	5.397	113	85036	51.582	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.160%		
50) Toluene-d8	8.653	98	317898	52.485	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.980%		
62) 4-Bromofluorobenzene	11.085	95	108882	52.866	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	388	0.233	ug/l #	67
10) Methyl Iodide	2.465	142	827	0.429	ug/l #	81
11) Tert butyl alcohol	2.947	59	319	0.721	ug/l #	73
13) Acrolein	2.245	56	20	1.452	ug/l #	1
16) Acetone	2.386	43	910	0.958	ug/l	98
17) Carbon Disulfide	2.520	76	795	0.211	ug/l #	75
20) Methylene Chloride	2.794	84	1442	0.780	ug/l #	86
31) Cyclohexane	5.562	56	3570	1.244	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	11927	5.001	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15859	6.538	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1501	0.527	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	67	1.839	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	56587	26.524	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56587	71.319	ug/l #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
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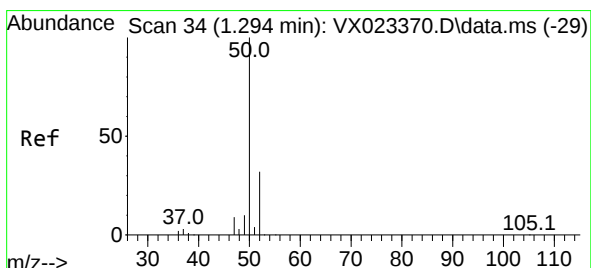
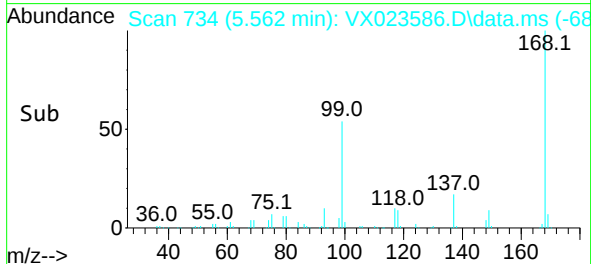
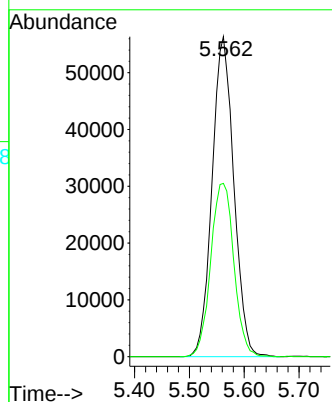
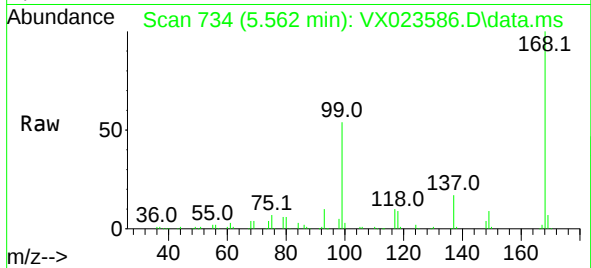




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

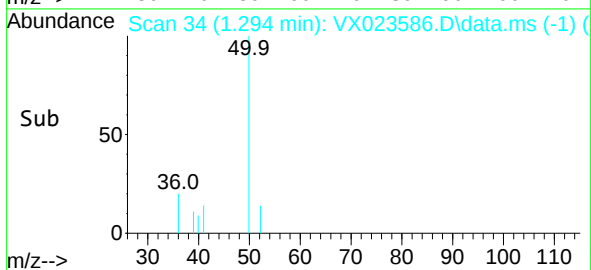
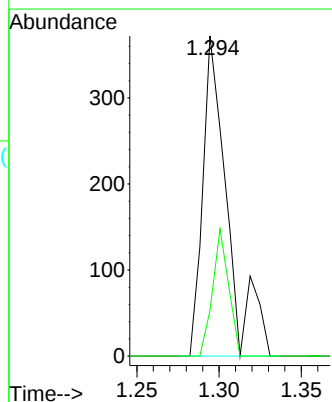
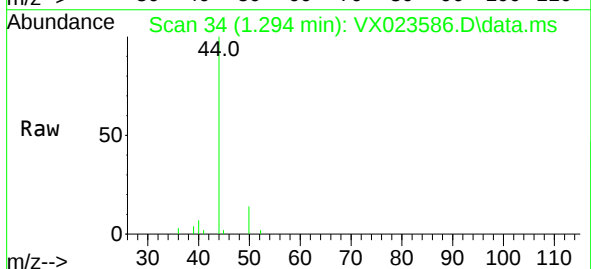
Instrument :
MSVOA_X
ClientSampled :

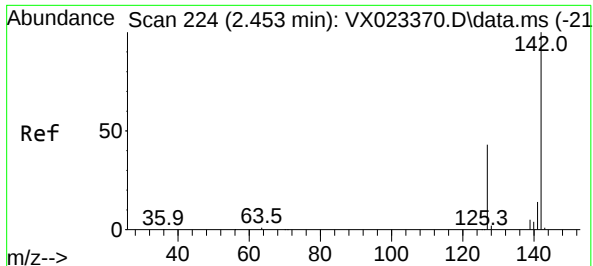
Tgt Ion:168 Resp: 155266
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

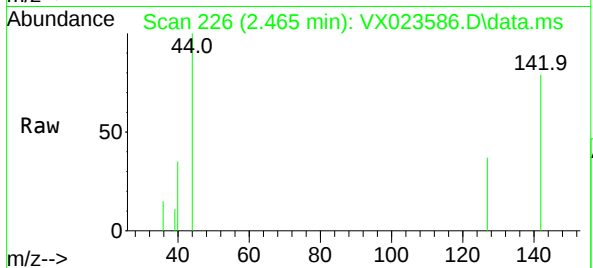
Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 14.2 26.4 39.6#



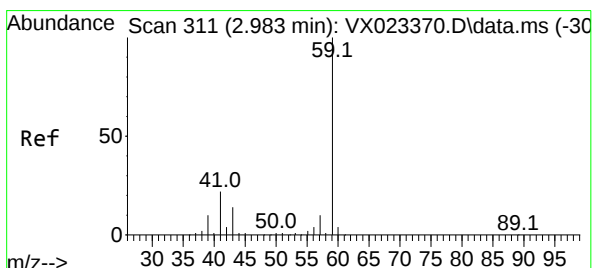
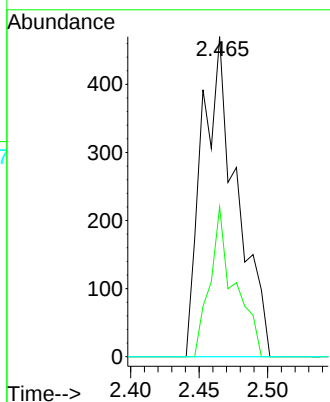
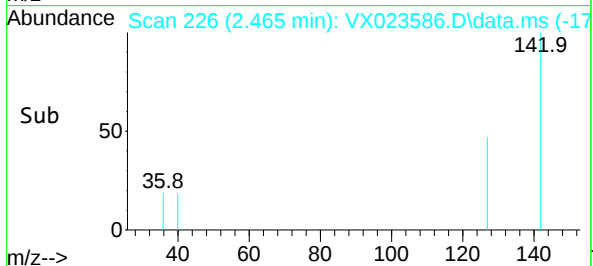


#10
Methyl Iodide
Concen: 0.429 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

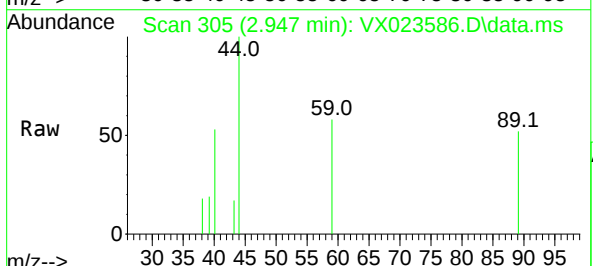
Instrument :
MSVOA_X
ClientSampled :



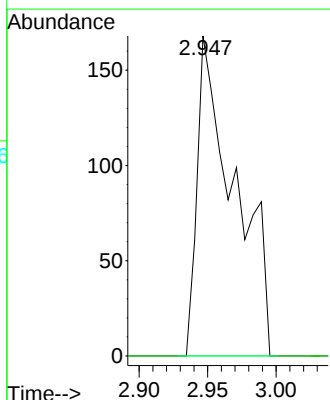
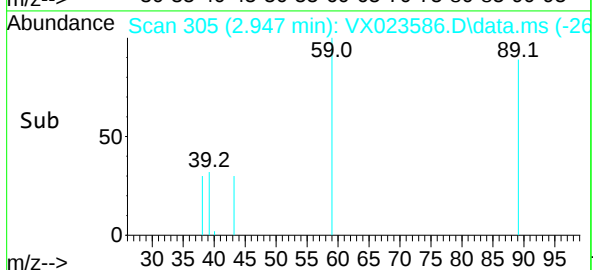
Tgt Ion:142 Resp: 827
Ion Ratio Lower Upper
142 100
127 33.1 33.3 49.9#
141 0.0 11.4 17.0#

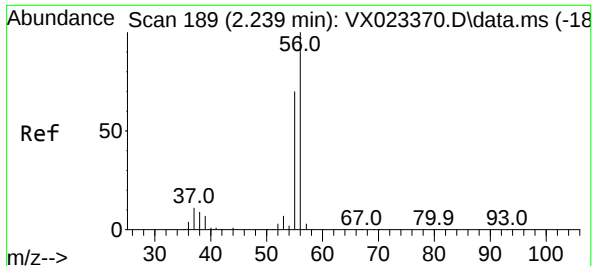


#11
Tert butyl alcohol
Concen: 0.721 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56



Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

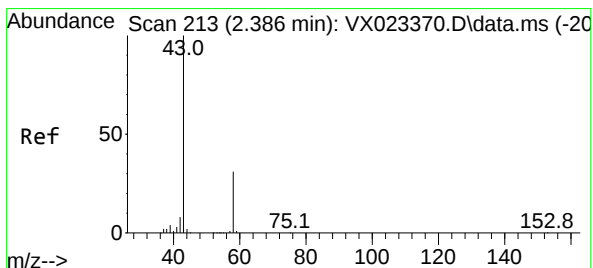
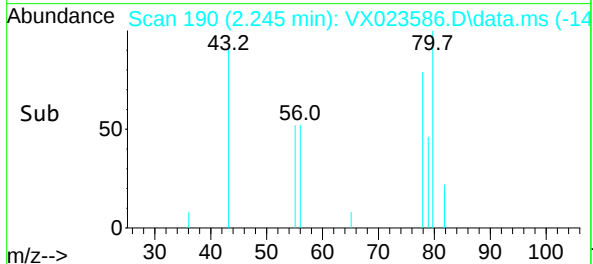
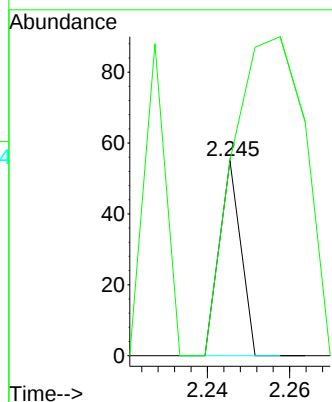
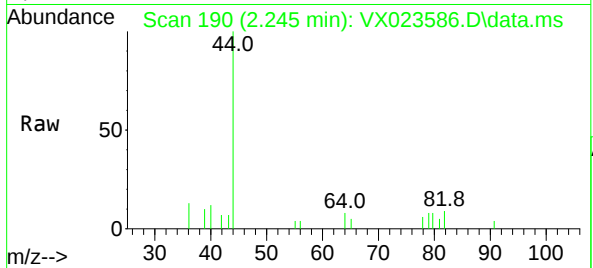




#13
Acrolein
Concen: 1.452 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

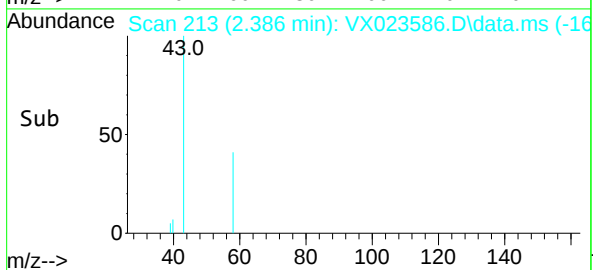
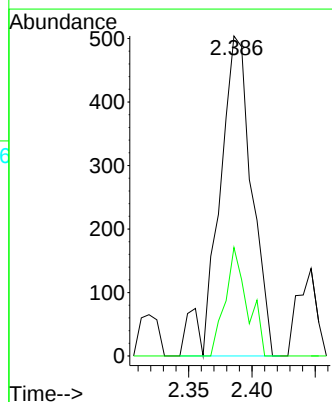
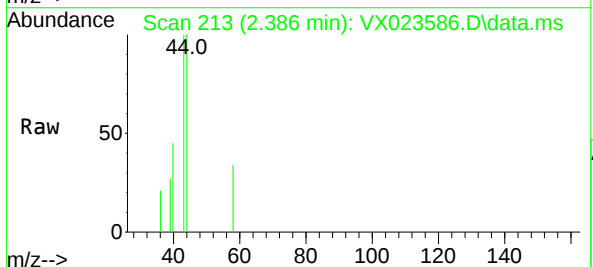
Instrument :
MSVOA_X
ClientSampled :

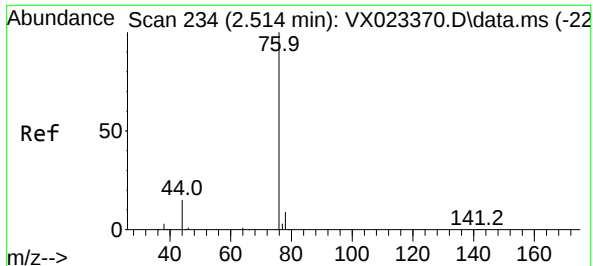
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 645.0 56.4 84.6#



#16
Acetone
Concen: 0.958 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8

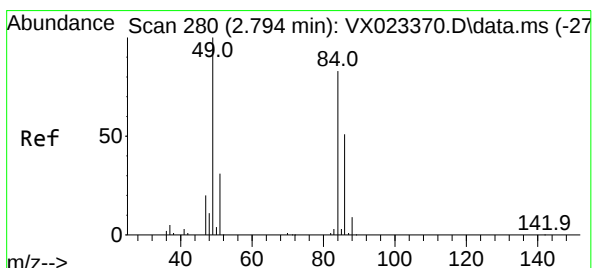
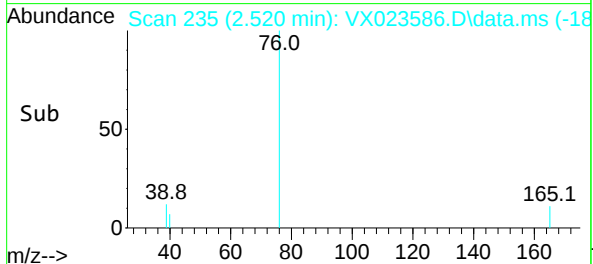
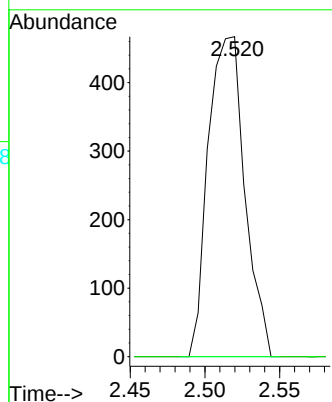
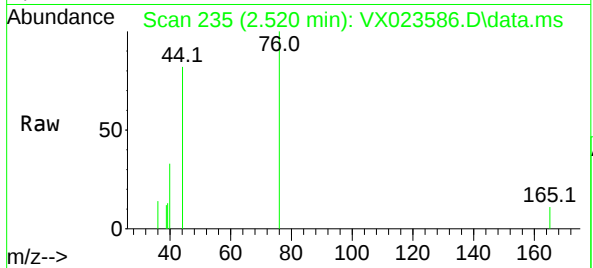




#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

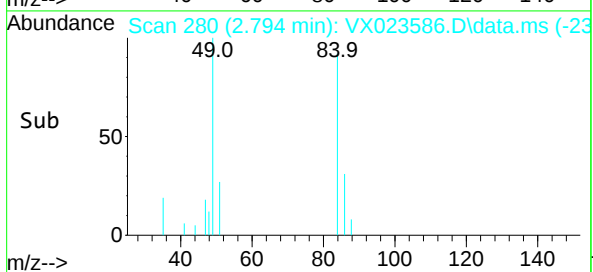
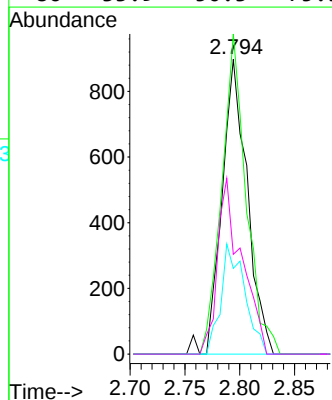
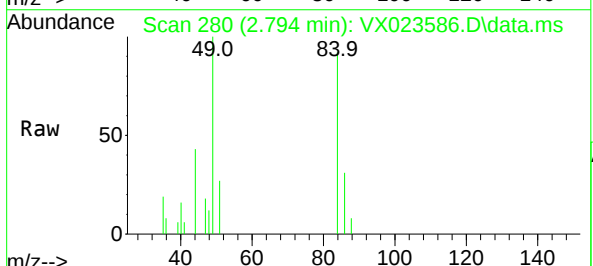
Instrument :
MSVOA_X
ClientSampled :

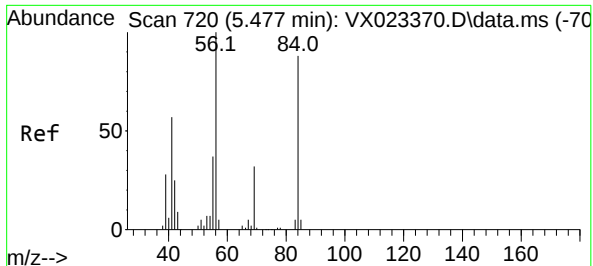
Tgt Ion: 76 Resp: 795
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.780 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 84 Resp: 1442
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 29.1 27.0 40.6
86 33.9 50.3 75.5#

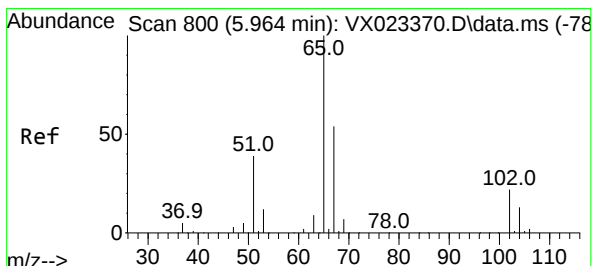
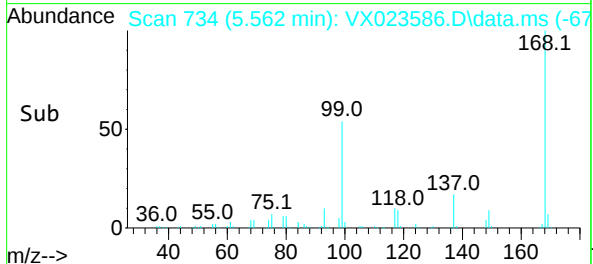
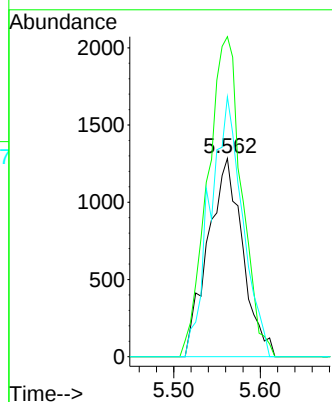
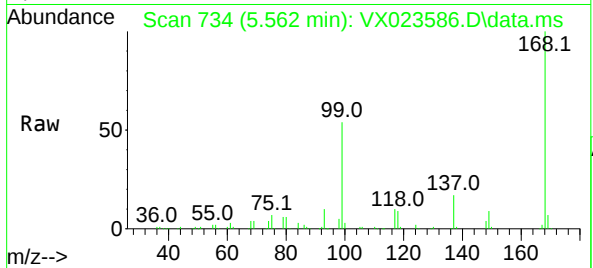




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

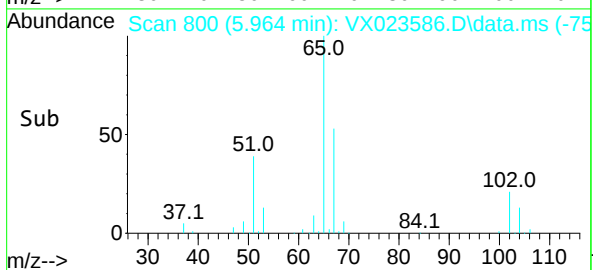
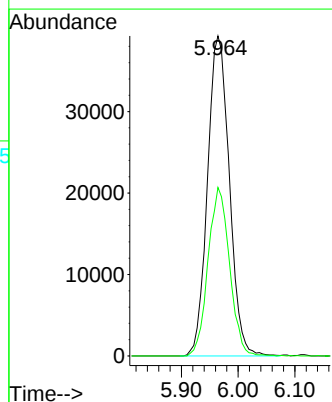
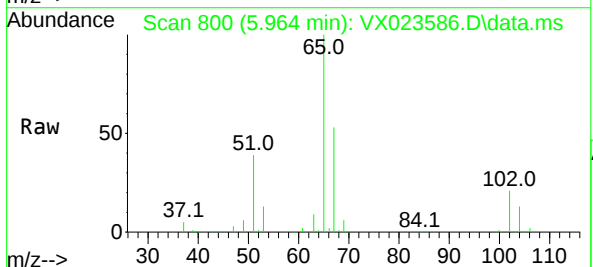
Instrument :
MSVOA_X
ClientSampled :

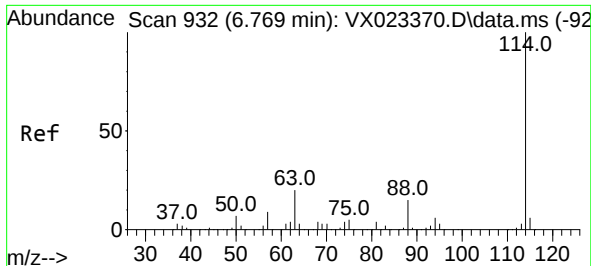
Tgt Ion: 56 Resp: 3570
Ion Ratio Lower Upper
56 100
69 161.4 25.3 37.9#
84 131.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.310 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 65 Resp: 105187
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

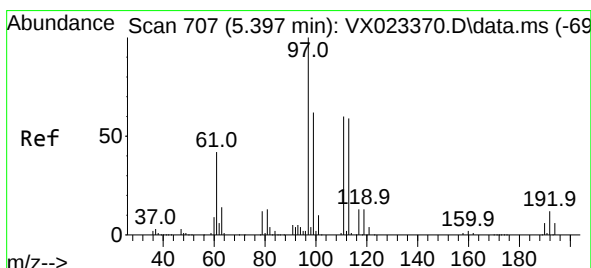
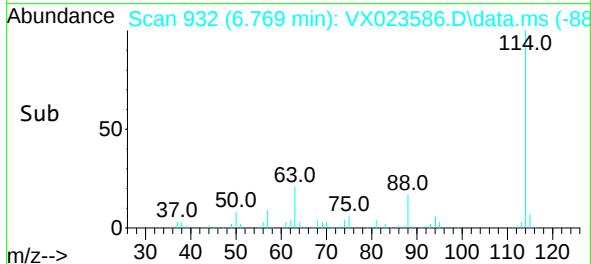
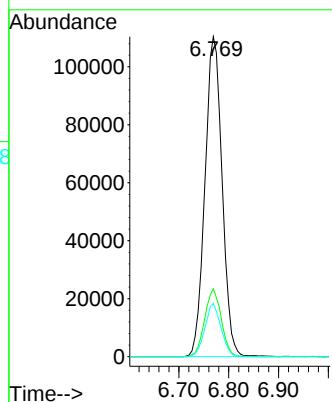
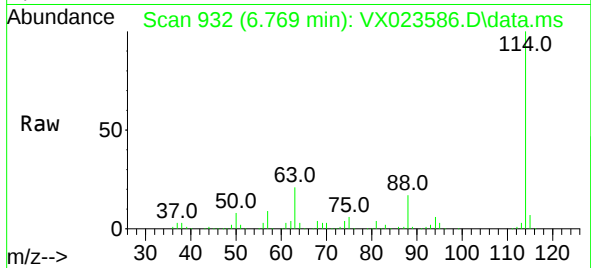




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

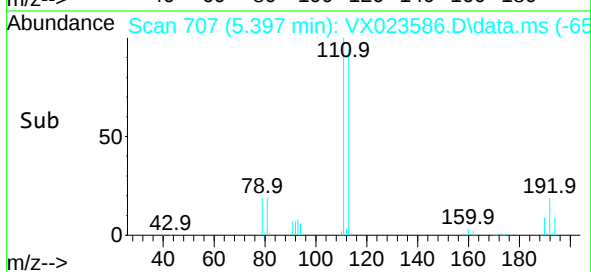
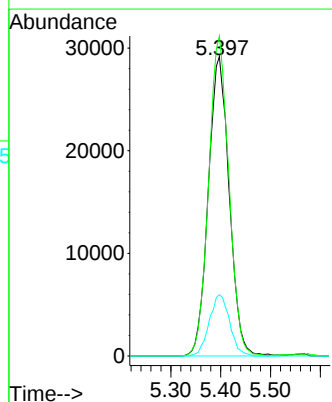
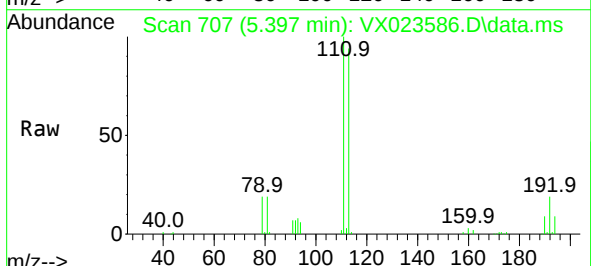
Instrument :
MSVOA_X
ClientSampled :

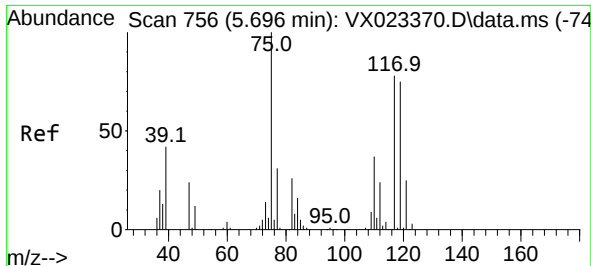
Tgt Ion:114 Resp: 263668
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.582 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion:113 Resp: 85036
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.9 16.7 25.1

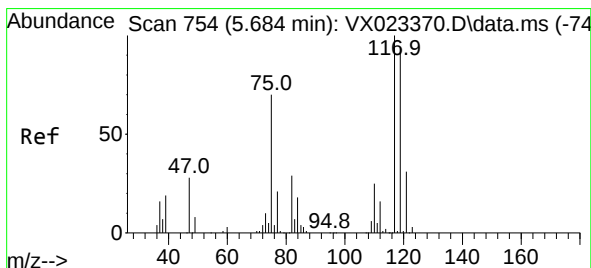
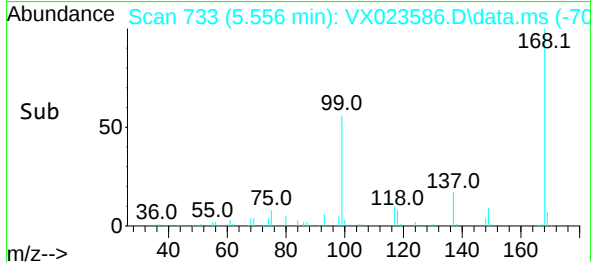
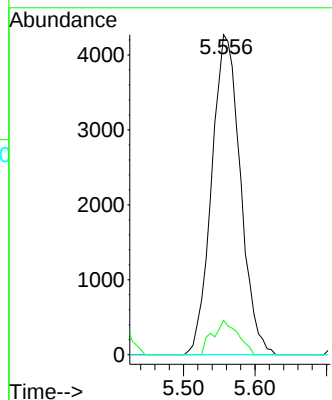
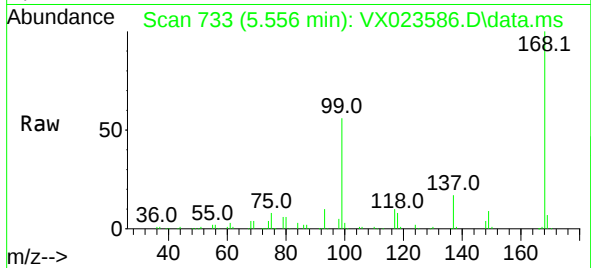




#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

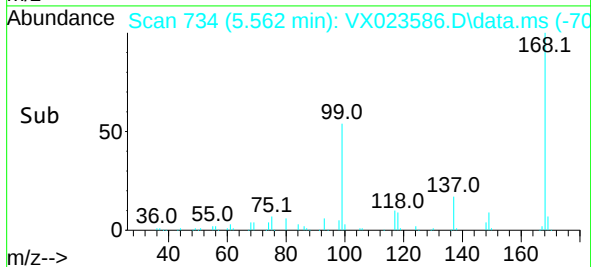
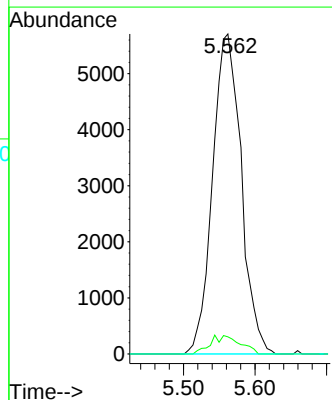
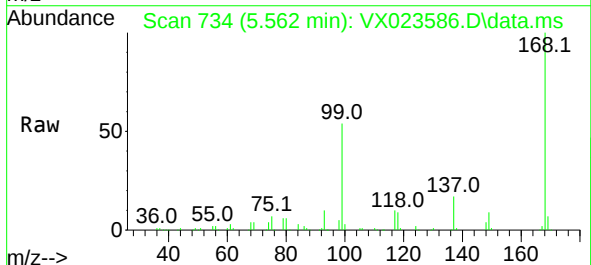
Instrument :
MSVOA_X
ClientSampled :

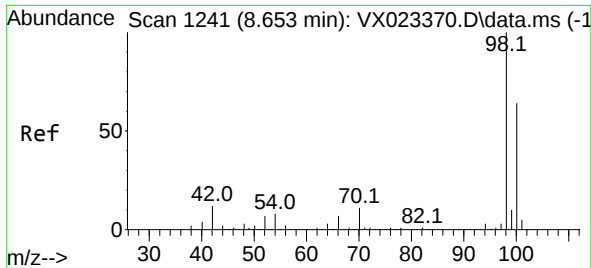
Tgt Ion: 75 Resp: 11927
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 117 Resp: 15859
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

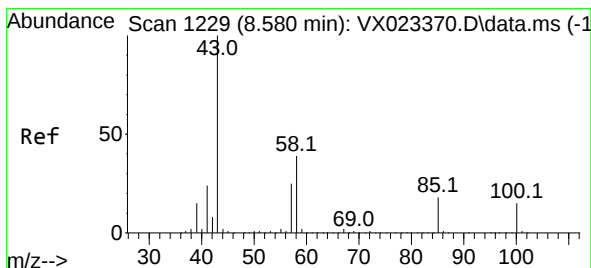
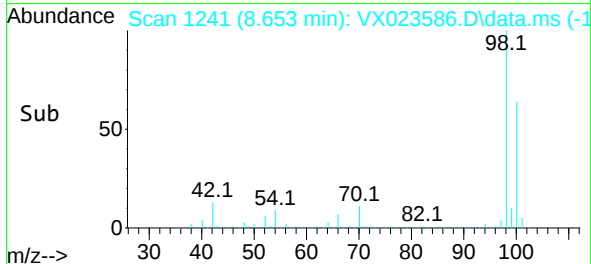
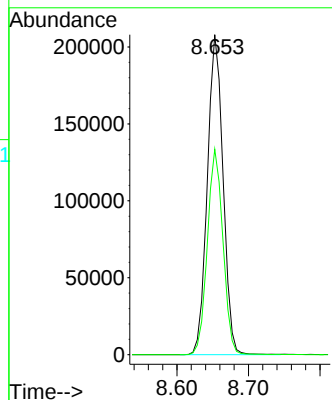
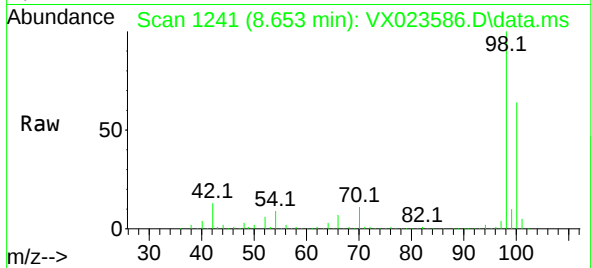




#50
Toluene-d8
Concen: 52.485 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

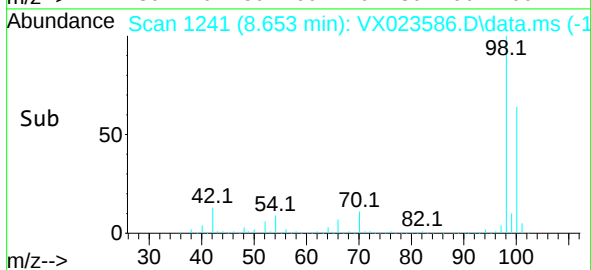
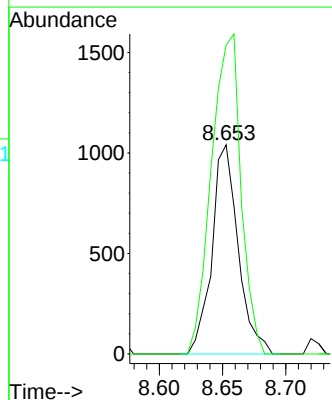
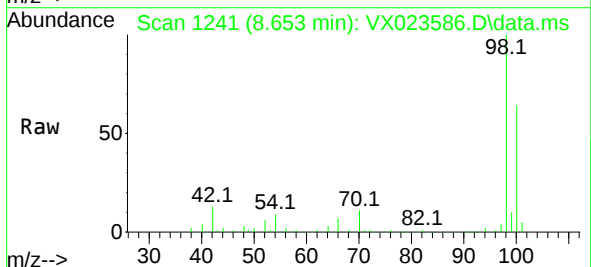
Instrument :
MSVOA_X
ClientSampled :

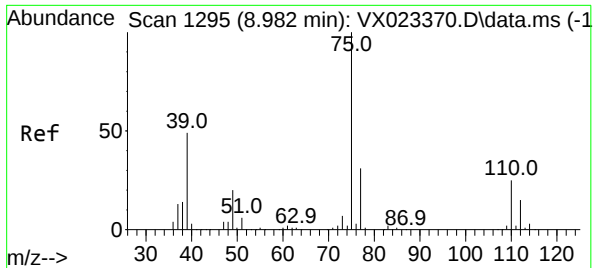
Tgt Ion: 98 Resp: 317898
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 172.4 35.4 53.0#

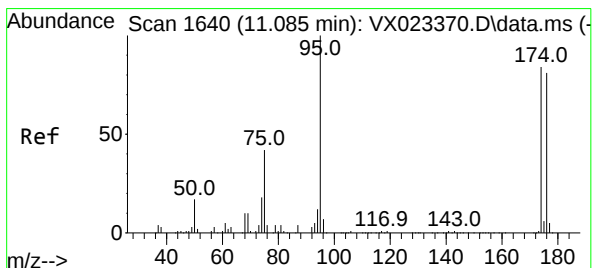
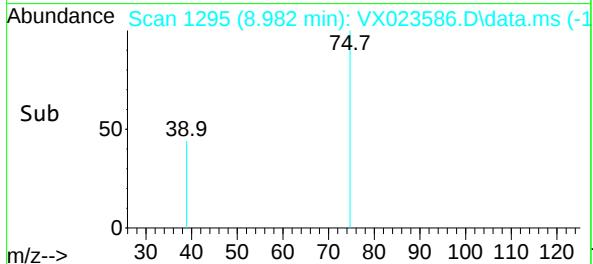
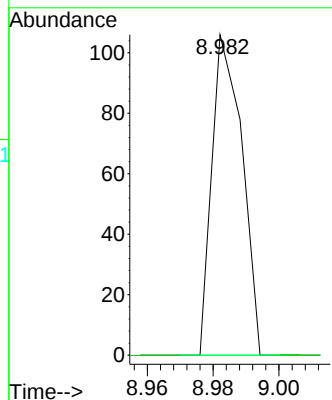
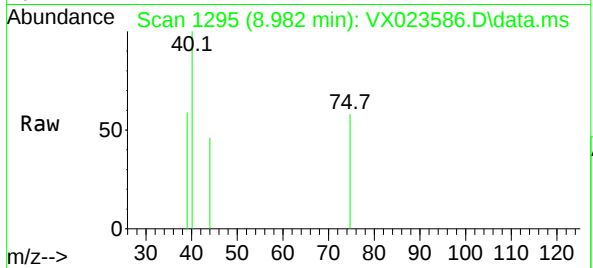




#53
t-1,3-Dichloropropene
Concen: 1.839 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

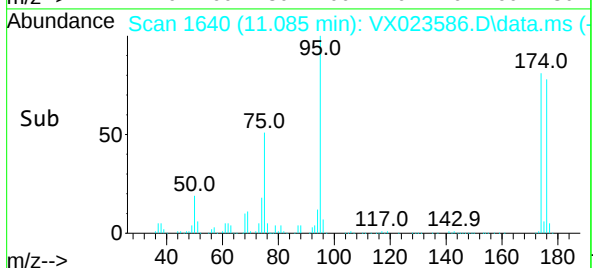
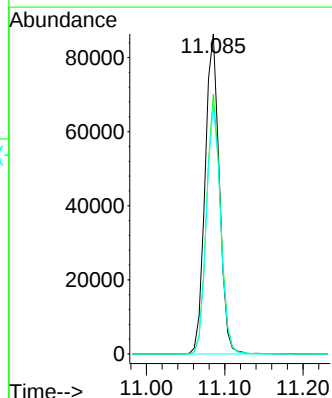
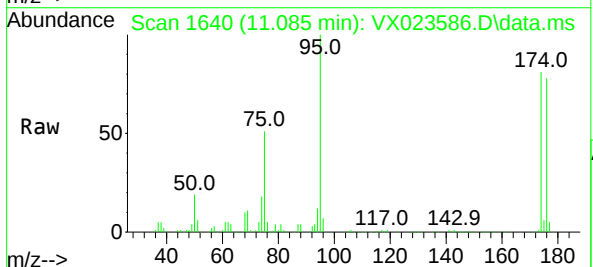
Instrument :
MSVOA_X
ClientSampled :

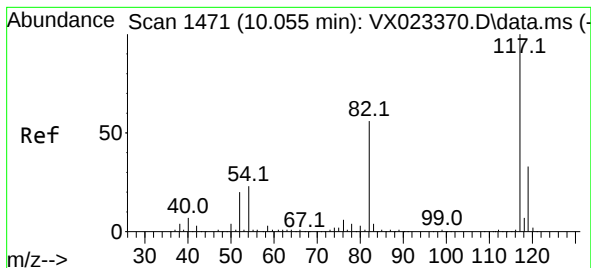
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 52.866 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 95 Resp: 108882
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 77.3 0.0 155.8

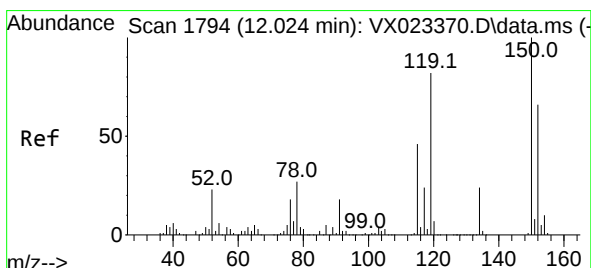
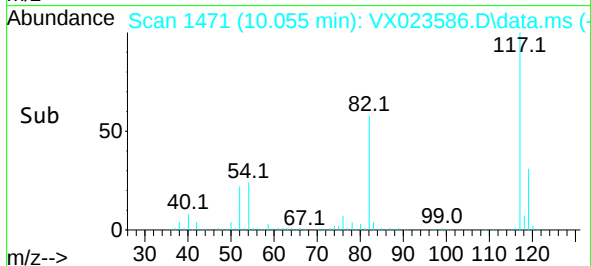
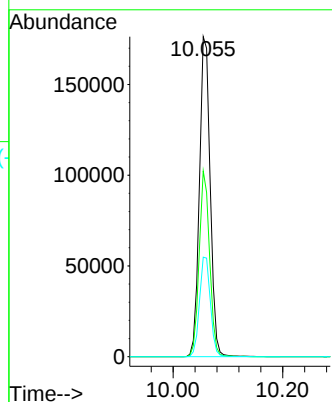
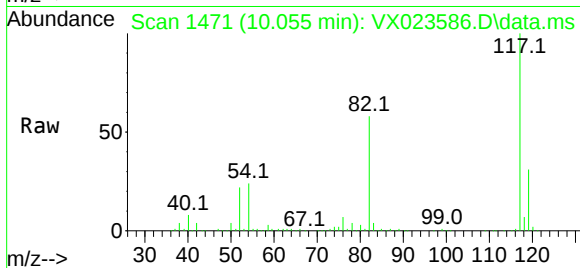




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

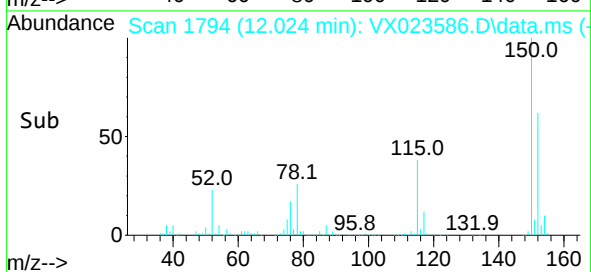
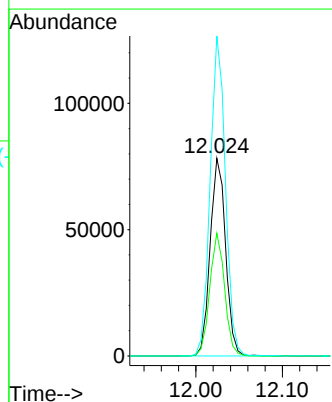
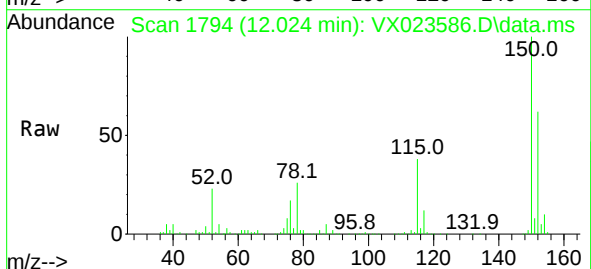
Instrument :
MSVOA_X
ClientSampled :

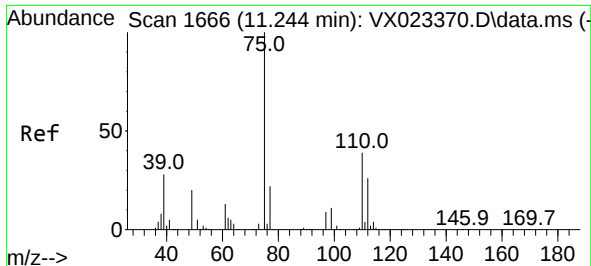
Tgt Ion:117 Resp: 241679
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion:152 Resp: 96950
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 159.2 0.0 349.0

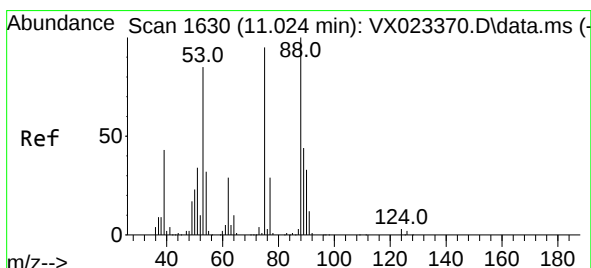
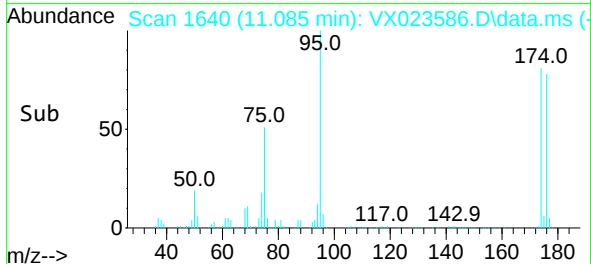
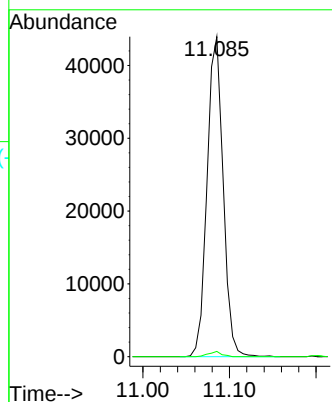
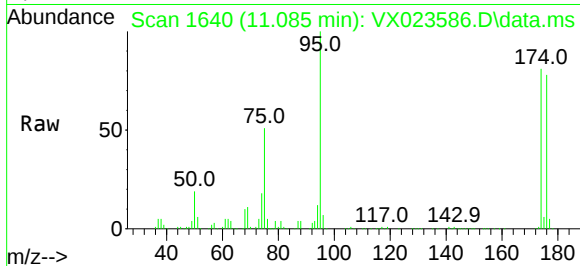




#76
1,2,3-Trichloropropane
Concen: 26.524 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56587
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.319 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023586.D
Acq: 06 Aug 2021 10:56

Tgt Ion: 75 Resp: 56587
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

