

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023706.D
 Acq On : 13 Aug 2021 22:30
 Operator : JC/MD
 Sample : VX0813WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 05:31:20 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)

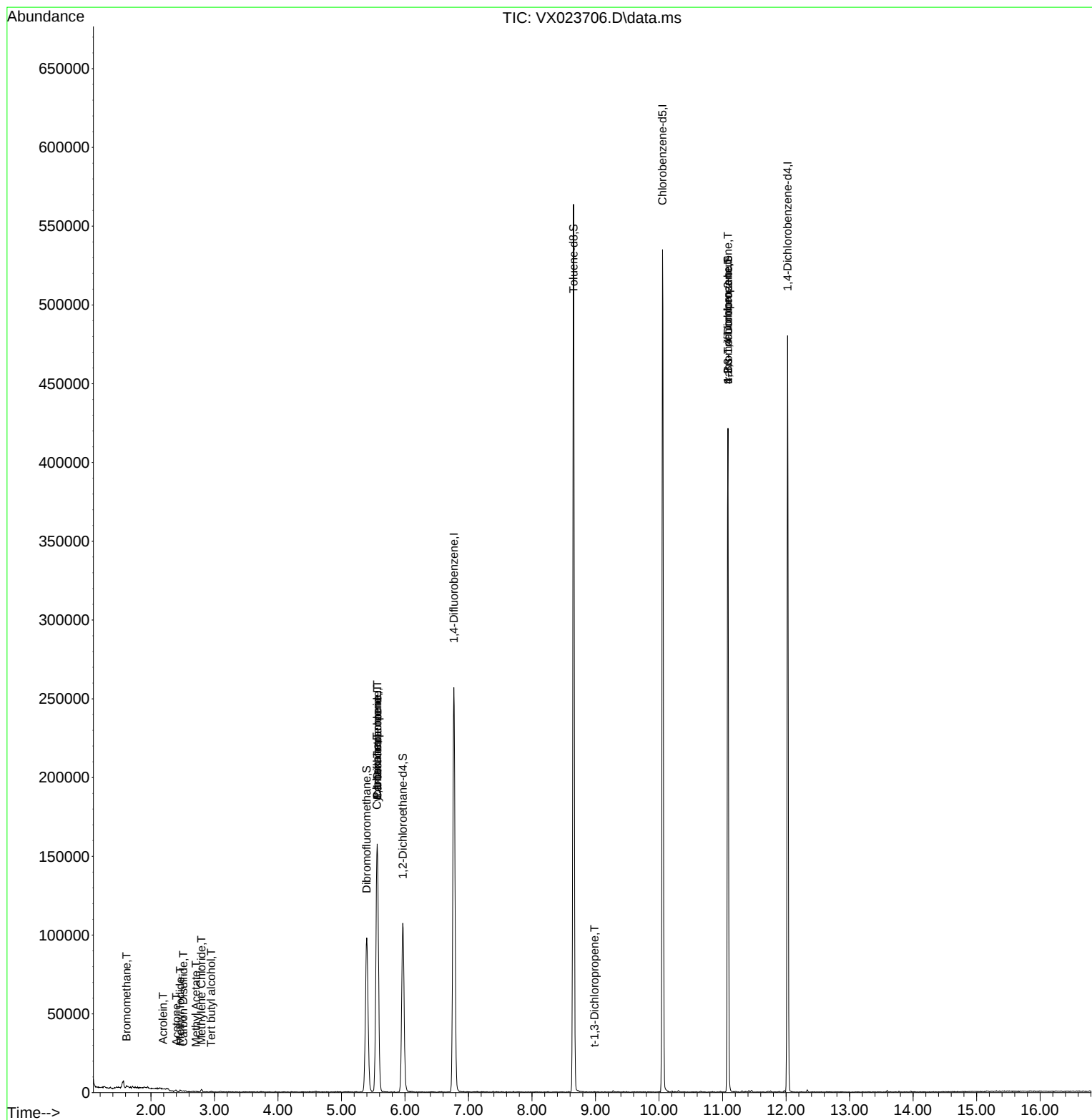
Internal Standards						
1) Pentafluorobenzene	5.562	168	148655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105034	56.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.280%			
35) Dibromofluoromethane	5.397	113	83236	51.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.653	98	314618	52.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.840%			
62) 4-Bromofluorobenzene	11.085	95	105543	52.209	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.420%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	584	0.610	ug/l #	80
10) Methyl Iodide	2.459	142	1106	0.600	ug/l	96
11) Tert butyl alcohol	2.947	59	87	0.205	ug/l #	73
13) Acrolein	2.191	56	46	1.576	ug/l #	62
16) Acetone	2.398	43	924	1.016	ug/l #	72
17) Carbon Disulfide	2.508	76	804	0.223	ug/l #	84
18) Methyl Acetate	2.709	43	443	0.205	ug/l #	76
20) Methylene Chloride	2.794	84	773	0.437	ug/l #	92
31) Cyclohexane	5.556	56	3543	1.290	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	11633	4.969	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15623	6.562	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	23	1.825	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	56125	26.939	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56125	72.436	ug/l #	12

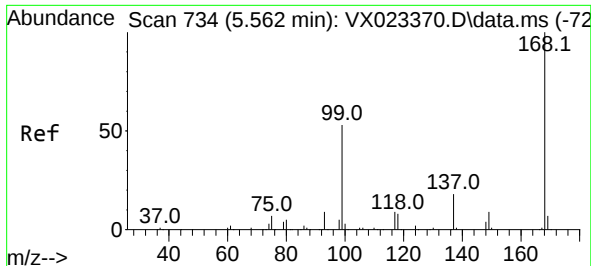
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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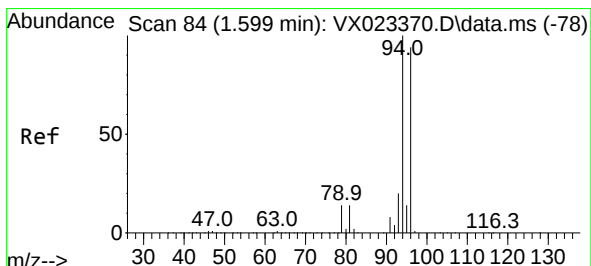
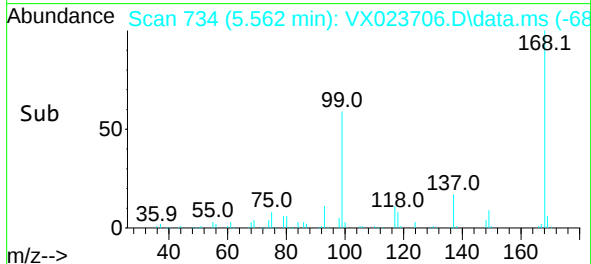
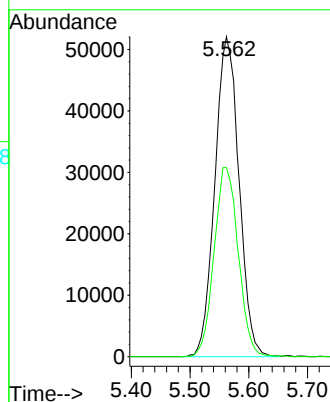
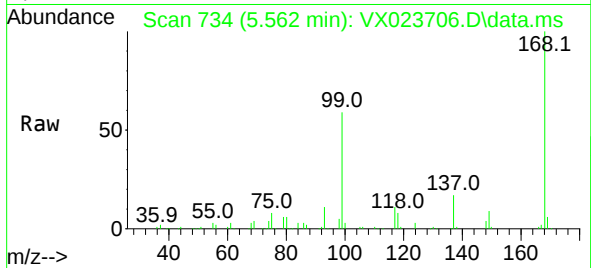




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

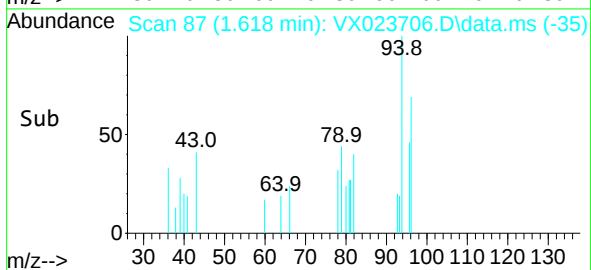
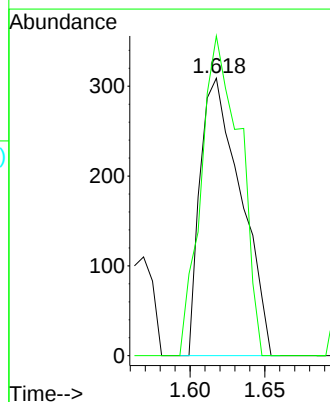
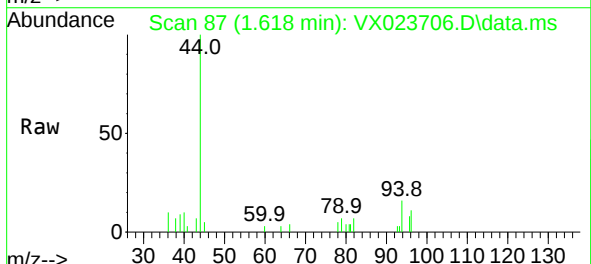
Instrument :
MSVOA_X
ClientSampled :

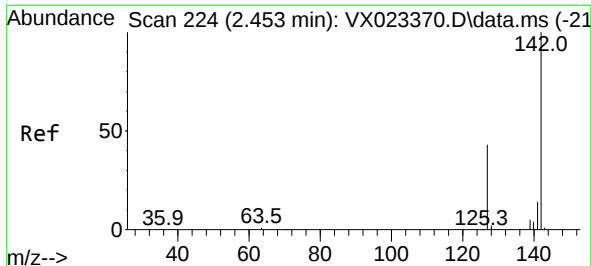
Tgt Ion:168 Resp: 148655
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#5
Bromomethane
Concen: 0.610 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

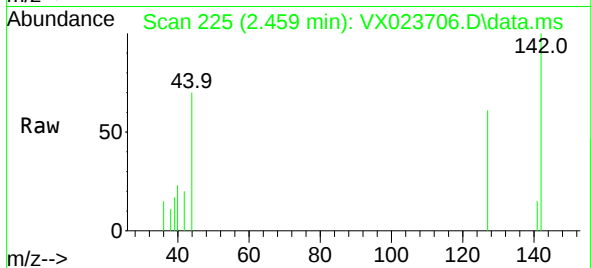
Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 115.2 76.4 114.6#



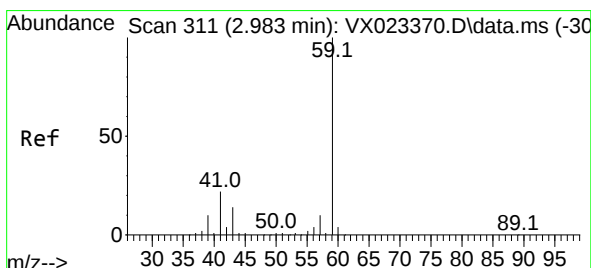
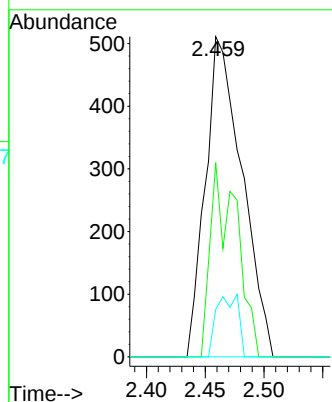
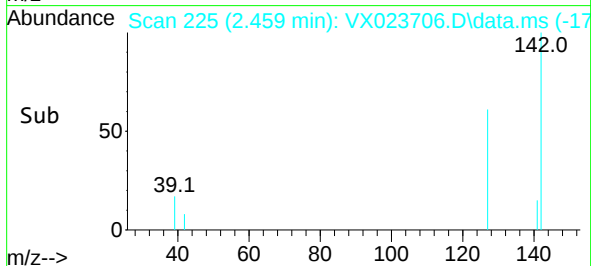


#10
Methyl Iodide
Concen: 0.600 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

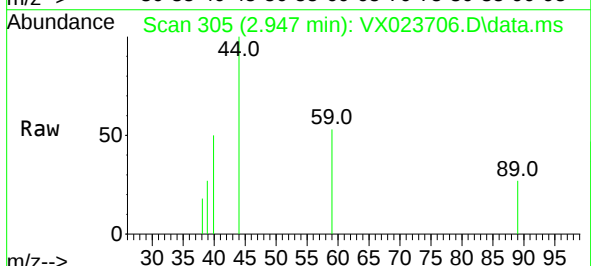
Instrument :
MSVOA_X
ClientSampled :



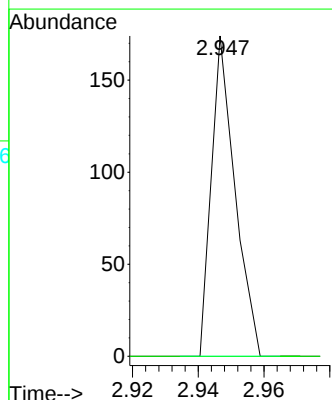
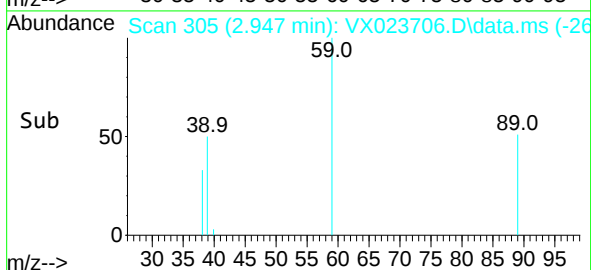
Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
127 43.7 33.3 49.9
141 11.6 11.4 17.0

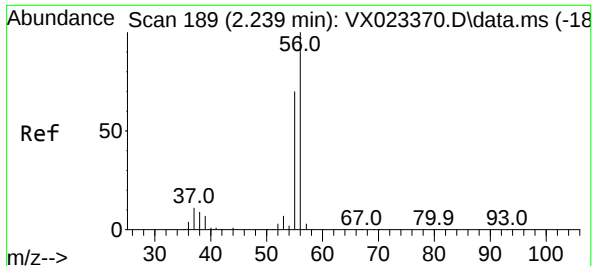


#11
Tert butyl alcohol
Concen: 0.205 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30



Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

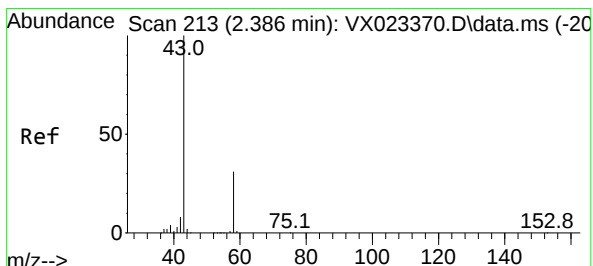
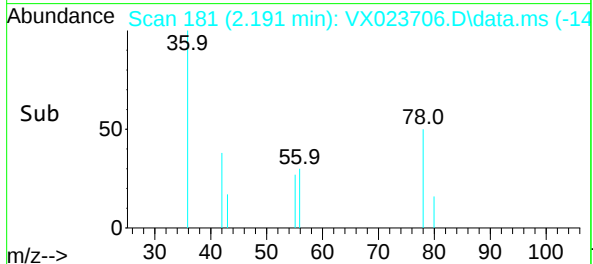
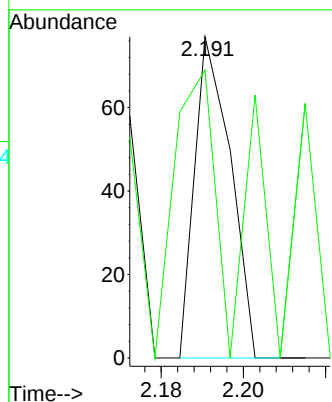
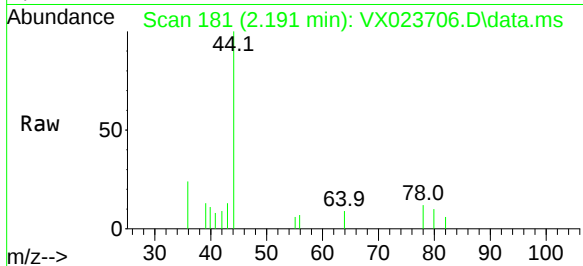




#13
Acrolein
Concen: 1.576 ug/l
RT: 2.191 min Scan# 181
Delta R.T. -0.048 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

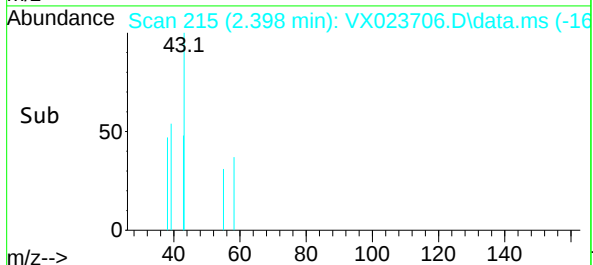
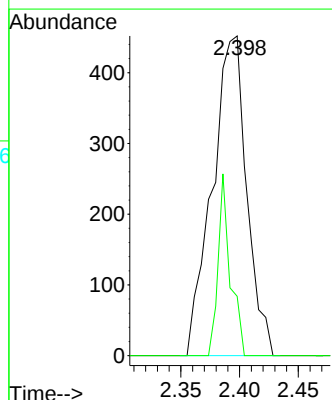
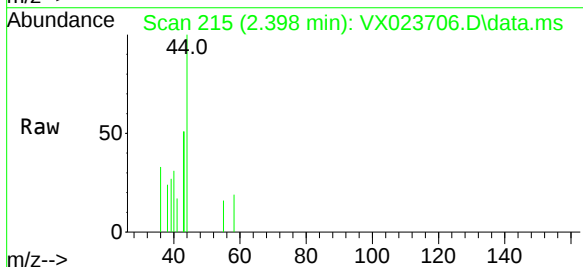
Instrument :
MSVOA_X
ClientSampled :

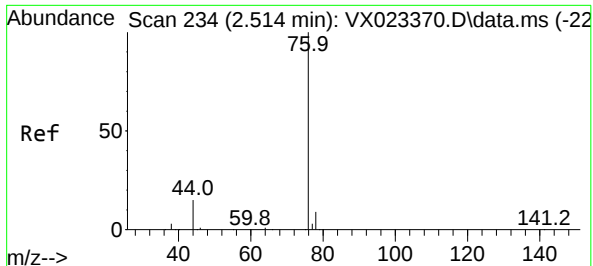
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 102.2 56.4 84.6#



#16
Acetone
Concen: 1.016 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 18.6 27.8 41.8#

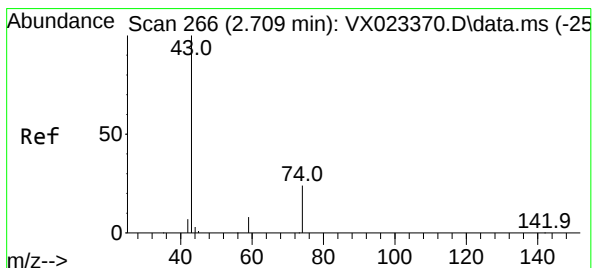
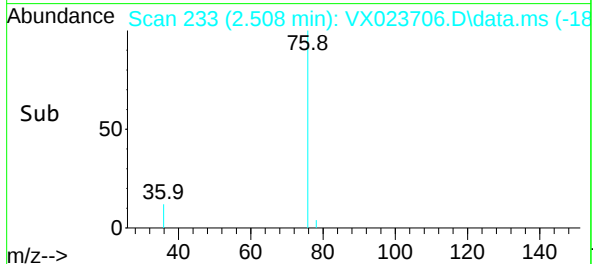
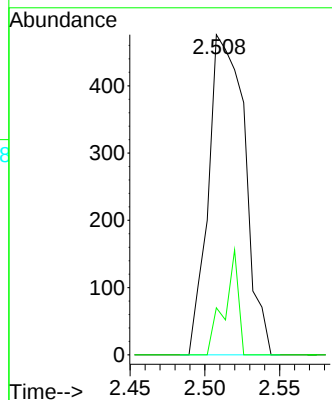
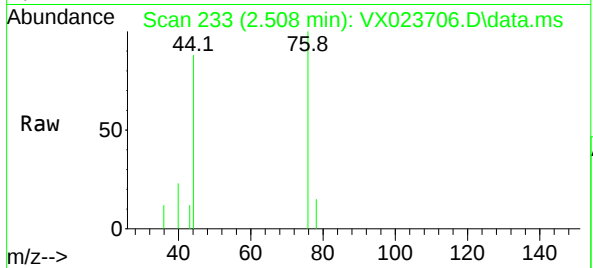




#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

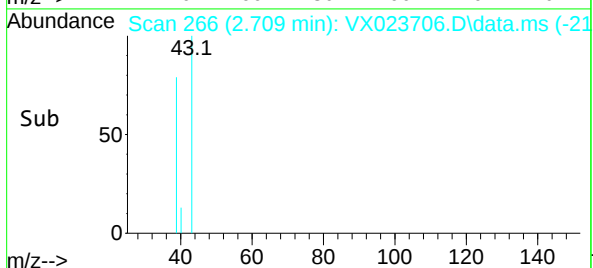
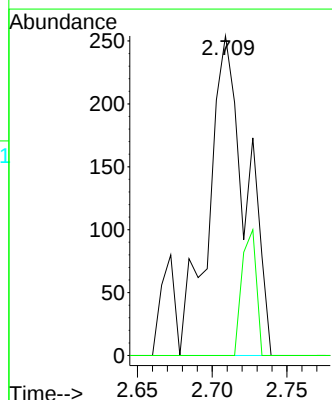
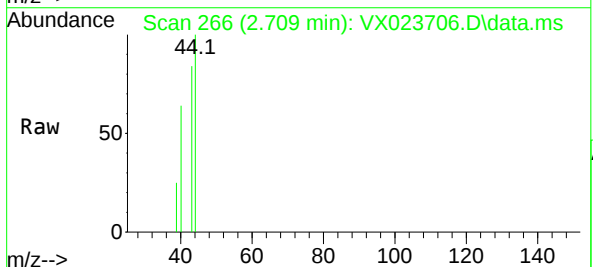
Instrument :
MSVOA_X
ClientSampled :

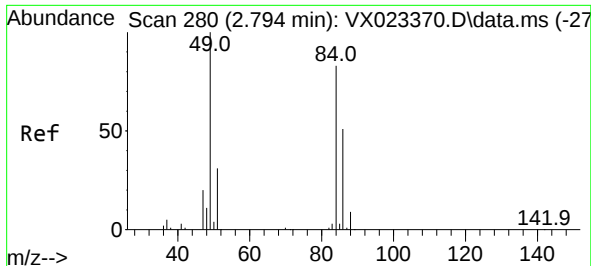
Tgt Ion: 76 Resp: 804
Ion Ratio Lower Upper
76 100
78 14.7 7.2 10.8#



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

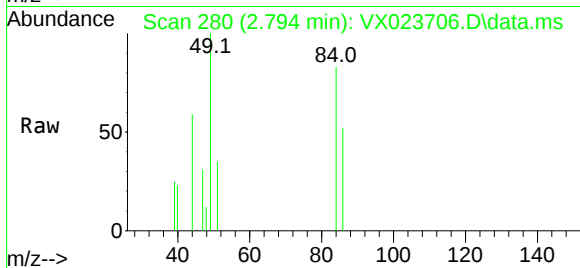
Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
74 15.1 21.9 32.9#



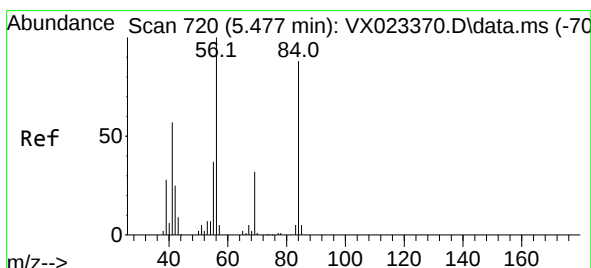
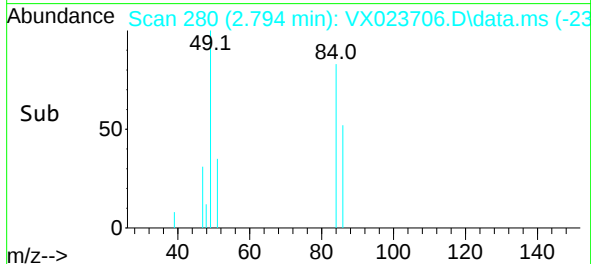
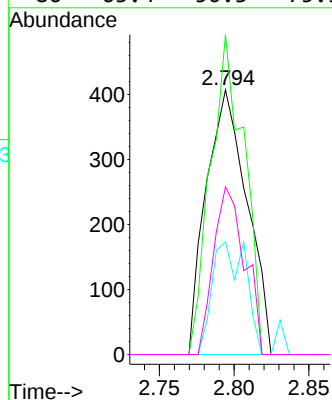


#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampled :

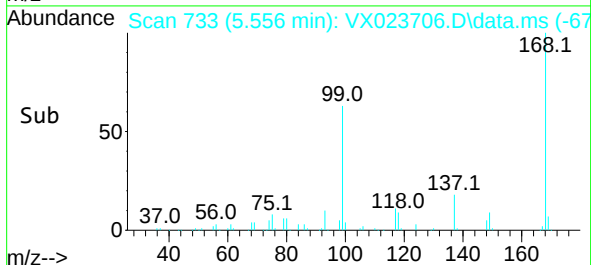
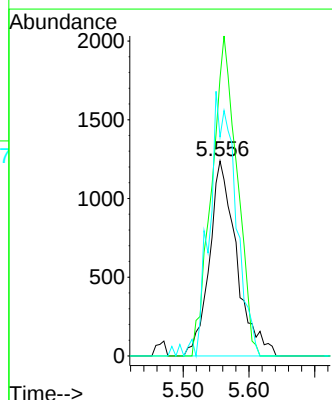
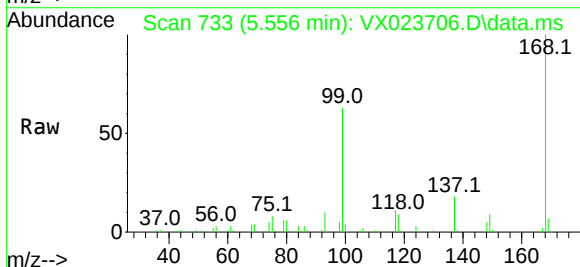


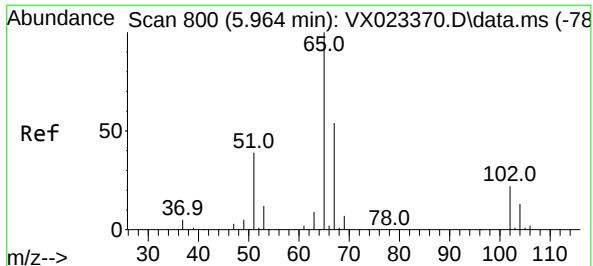
Tgt Ion:	84	Resp:	773
Ion	Ratio	Lower	Upper
84	100		
49	120.9	88.6	132.8
51	42.5	27.0	40.6#
86	63.4	50.3	75.5



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion:	56	Resp:	3543
Ion	Ratio	Lower	Upper
56	100		
69	142.8	25.3	37.9#
84	112.4	71.4	107.0#



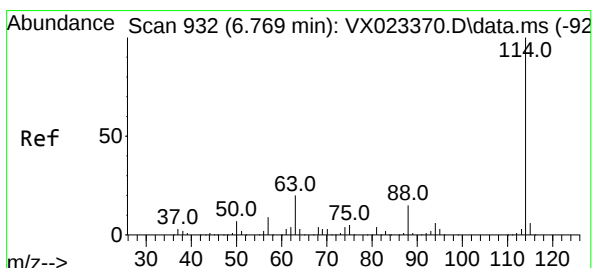
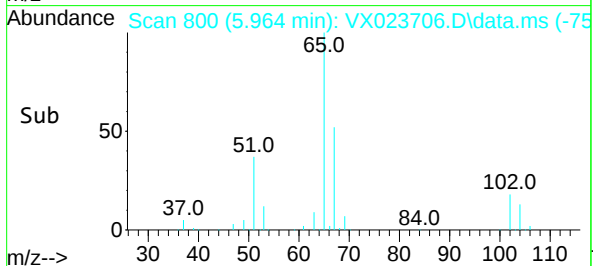
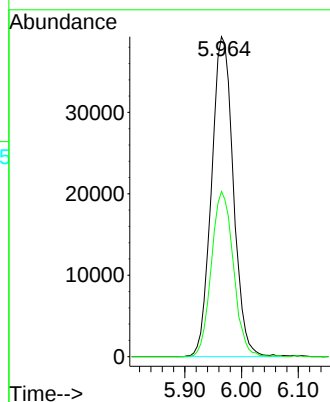
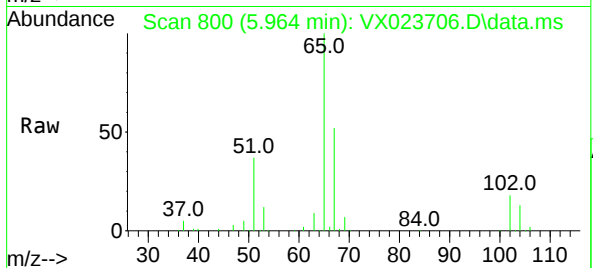


#33

1,2-Dichloroethane-d4
Concen: 56.642 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampled :

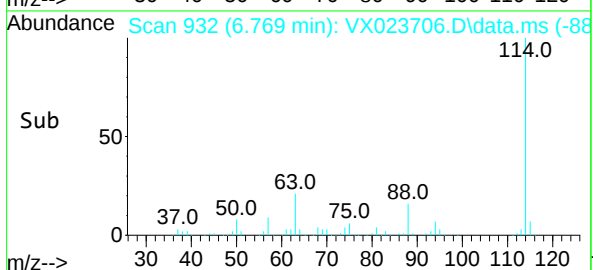
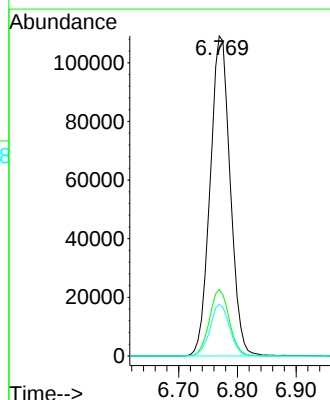
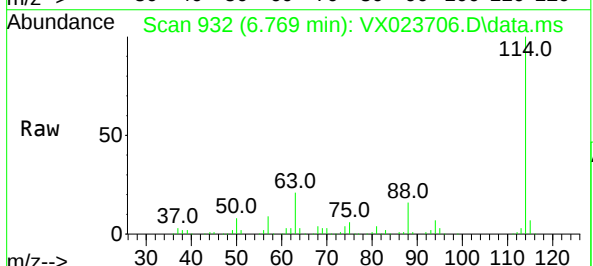
Tgt Ion: 65 Resp: 105034
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

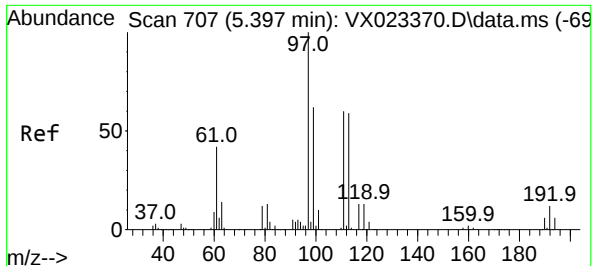


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion: 114 Resp: 258799
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.1 0.0 32.8

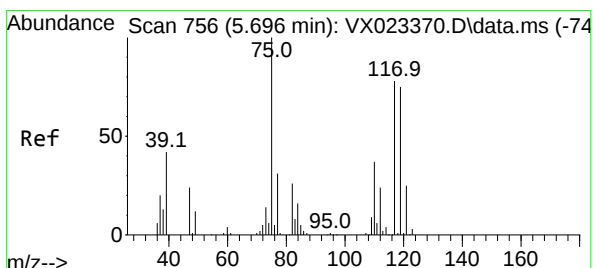
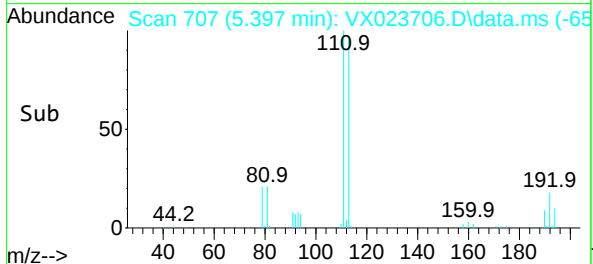
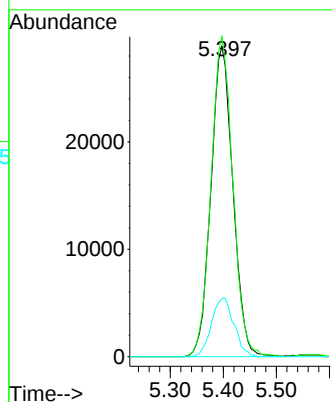
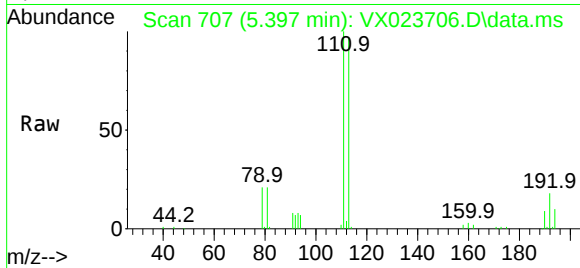




#35
Dibromofluoromethane
Concen: 51.440 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

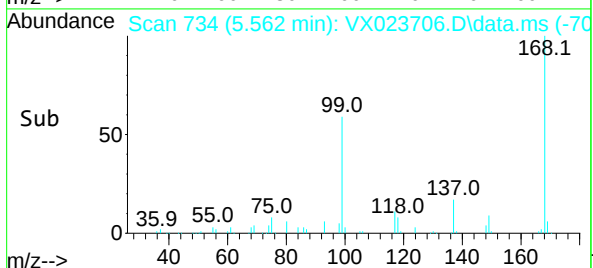
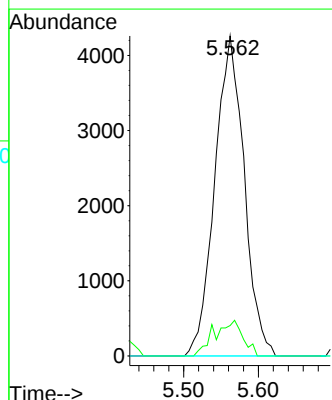
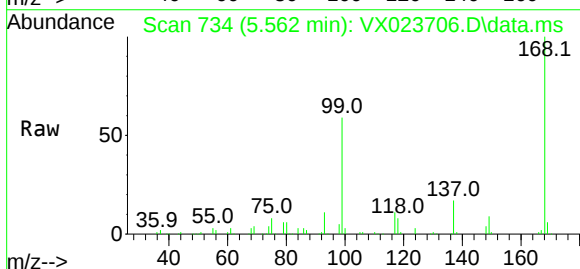
Instrument :
MSVOA_X
ClientSampled :

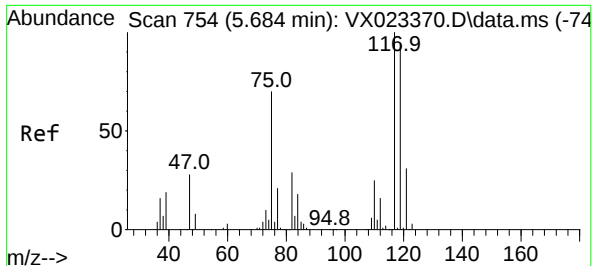
Tgt Ion:113 Resp: 83236
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

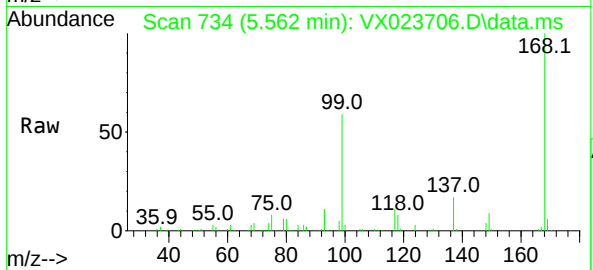
Tgt Ion: 75 Resp: 11633
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#



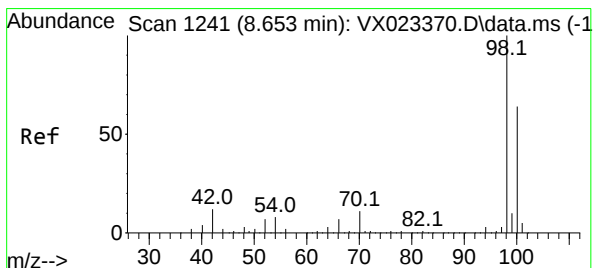
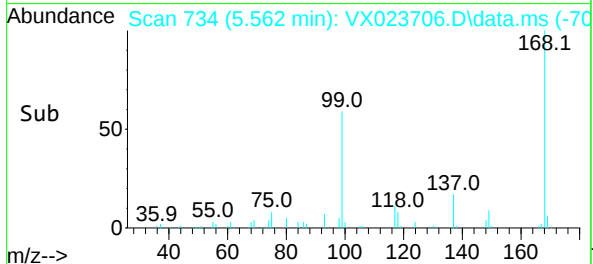
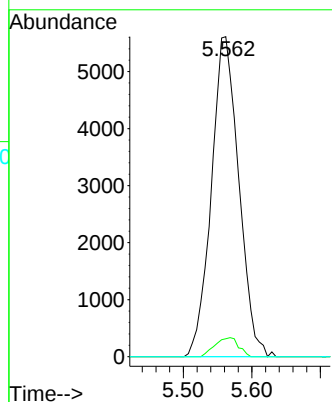


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampled :

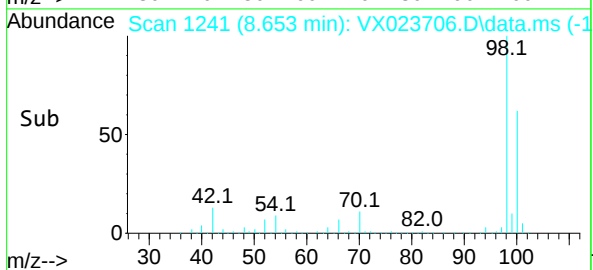
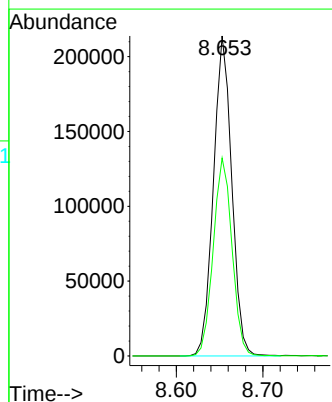
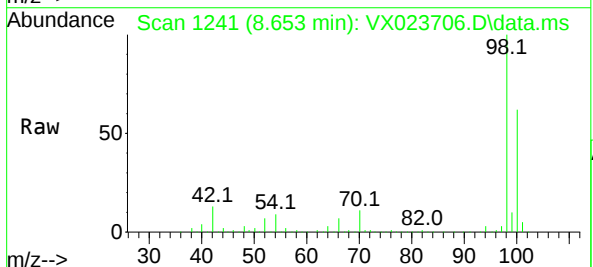


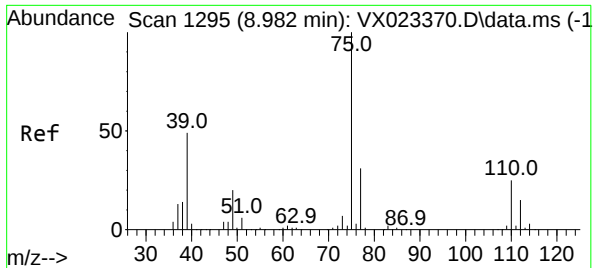
Tgt Ion:117 Resp: 15623
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.921 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion: 98 Resp: 314618
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

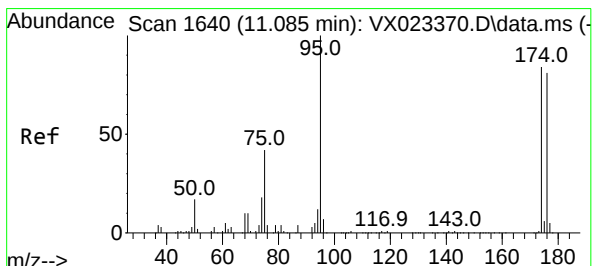
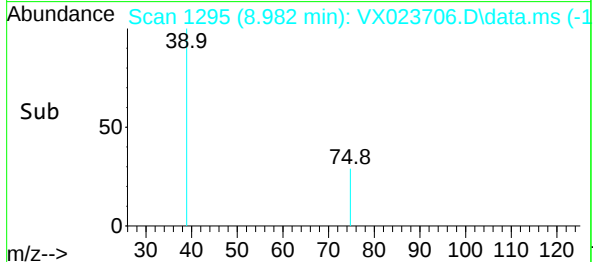
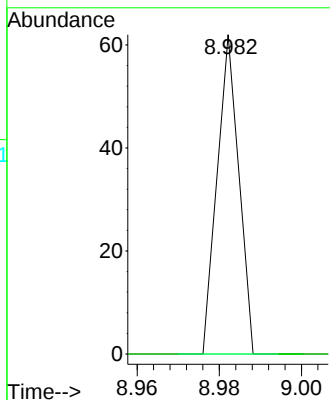
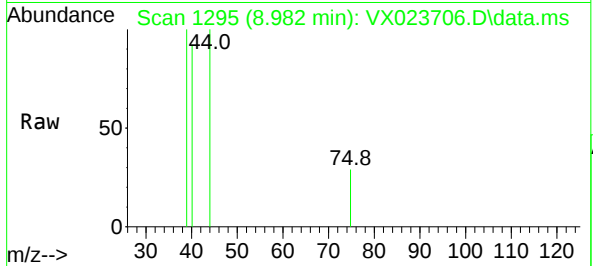




#53
 t-1,3-Dichloropropene
 Concen: 1.825 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: VX023706.D
 Acq: 13 Aug 2021 22:30

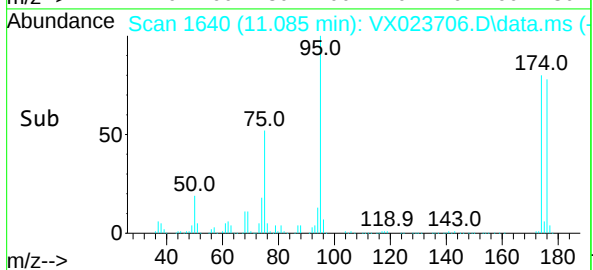
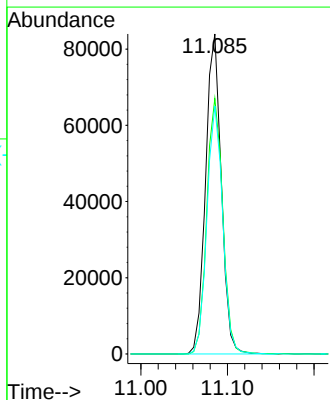
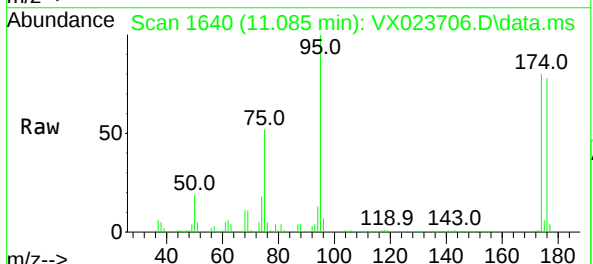
Instrument :
 MSVOA_X
 ClientSampled :

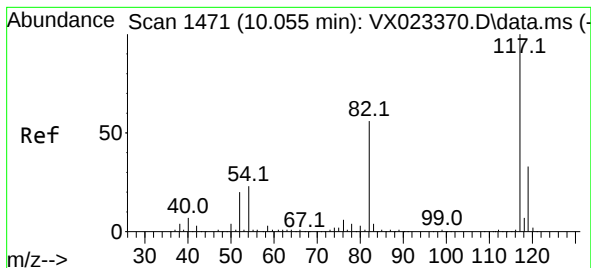
Tgt Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#



#62
 4-Bromofluorobenzene
 Concen: 52.209 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023706.D
 Acq: 13 Aug 2021 22:30

Tgt Ion: 95 Resp: 105543
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 154.6
 176 77.8 0.0 155.8

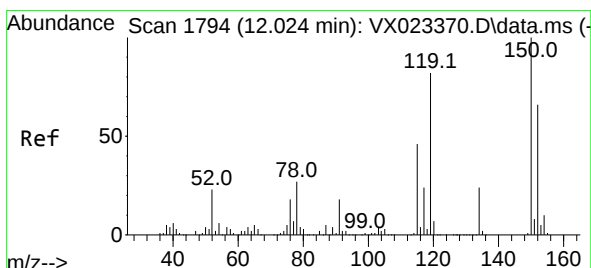
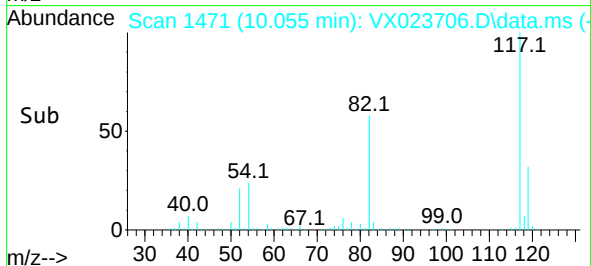
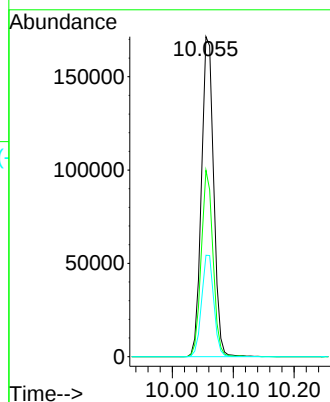
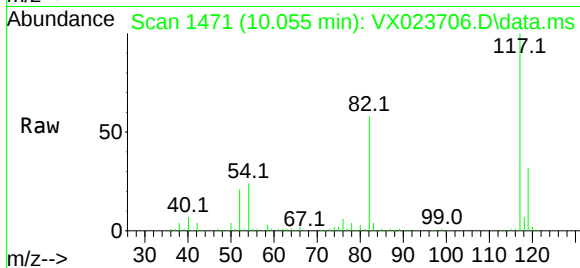




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

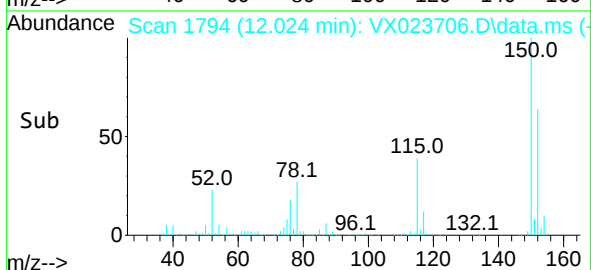
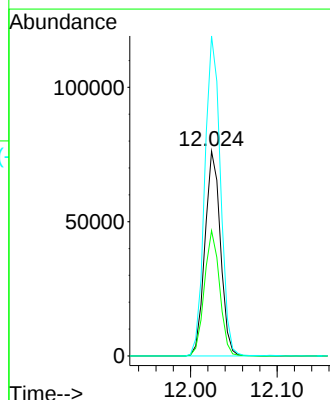
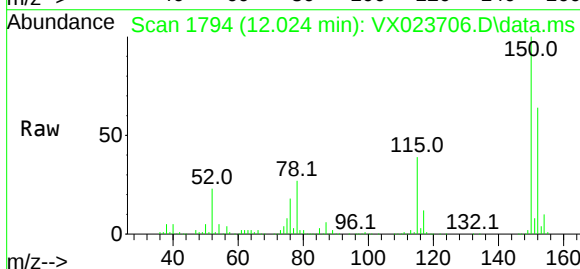
Instrument :
MSVOA_X
ClientSampled :

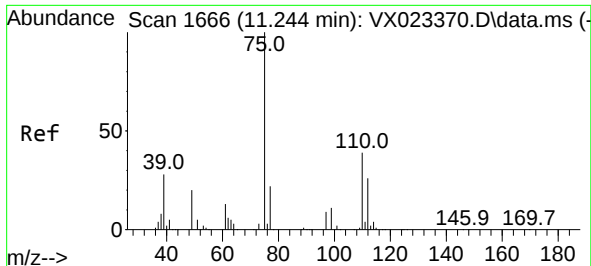
Tgt Ion:117 Resp: 239568
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion:152 Resp: 94676
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 158.0 0.0 349.0

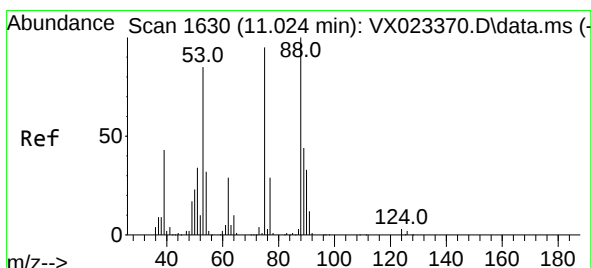
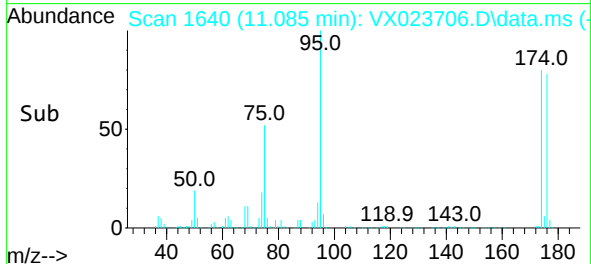
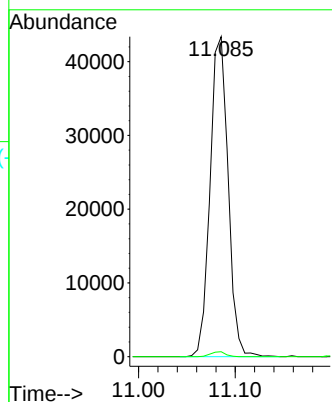
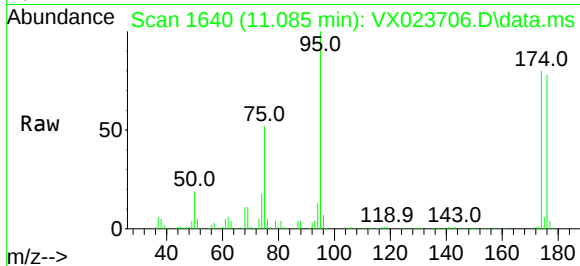




#76
1,2,3-Trichloropropane
Concen: 26.939 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56125
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.436 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion: 75 Resp: 56125
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

