

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023589.D
 Acq On : 06 Aug 2021 12:24
 Operator : JC/MD
 Sample : M3298-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:42:49 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)

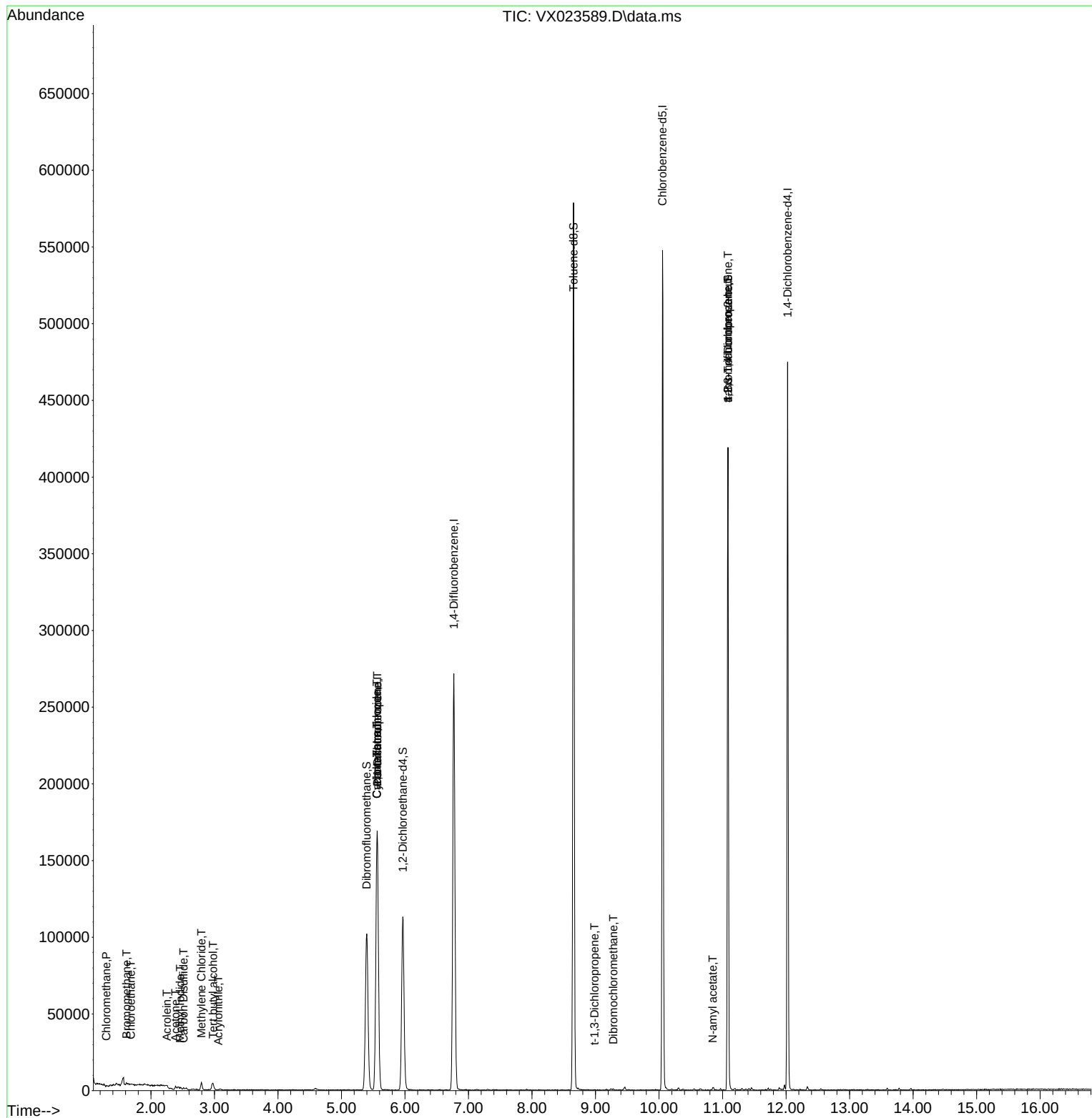
Internal Standards						
1) Pentafluorobenzene	5.562	168	160587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107539	53.684	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.360%		
35) Dibromofluoromethane	5.397	113	88096	52.009	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.020%		
50) Toluene-d8	8.653	98	327774	52.669	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.340%		
62) 4-Bromofluorobenzene	11.085	95	105171	49.699	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.400%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	411	0.239	ug/l #	78
5) Bromomethane	1.618	94	824	0.797	ug/l #	62
6) Chloroethane	1.685	64	379	0.354	ug/l #	43
10) Methyl Iodide	2.459	142	1498	0.752	ug/l	98
11) Tert butyl alcohol	2.977	59	5041	11.016	ug/l	96
13) Acrolein	2.252	56	164	2.065	ug/l #	14
15) Acrylonitrile	3.062	53	212	0.205	ug/l #	61
16) Acetone	2.386	43	2217	2.256	ug/l #	73
17) Carbon Disulfide	2.514	76	1142	0.294	ug/l #	84
20) Methylene Chloride	2.794	84	1777	0.930	ug/l #	94
31) Cyclohexane	5.556	56	3568	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12710	5.186	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16550	6.640	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	153	1.866	ug/l #	70
60) Dibromochloromethane	9.281	129	48	2.006	ug/l #	11
74) N-amyl acetate	10.848	43	893	0.279	ug/l #	70
76) 1,2,3-Trichloropropane	11.085	75	55753	27.215	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55753	73.178	ug/l #	12

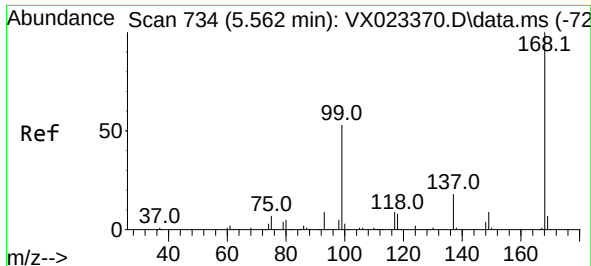
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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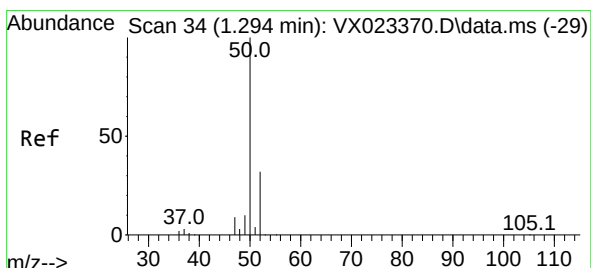
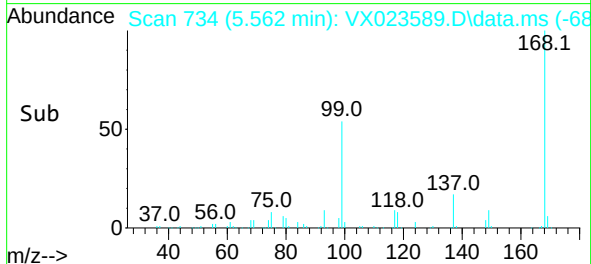
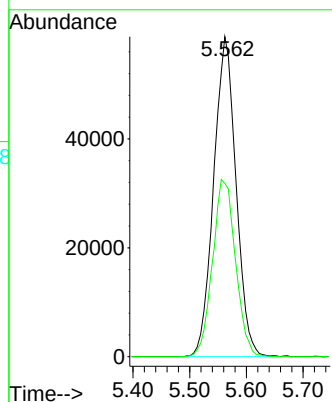
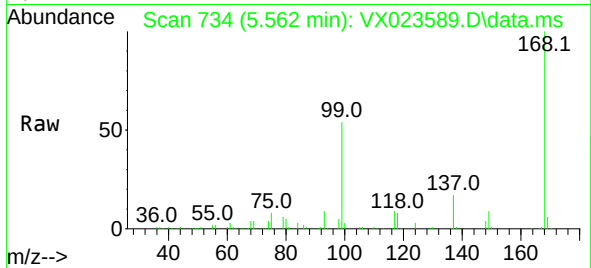




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

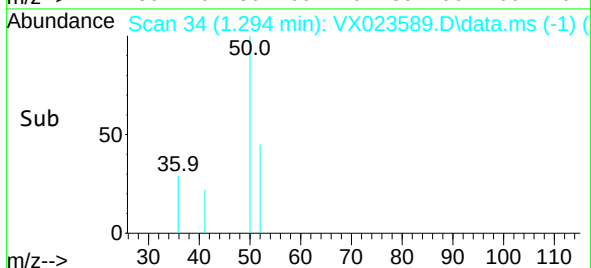
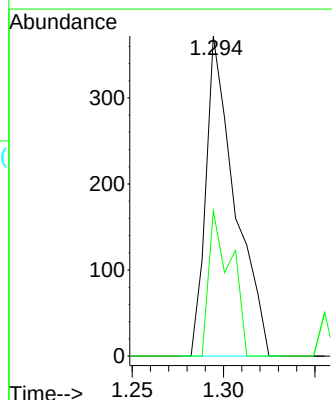
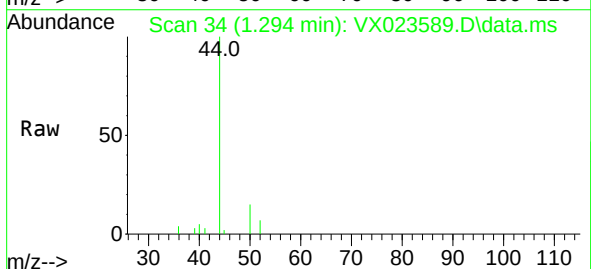
Instrument :
MSVOA_X
ClientSampleId :

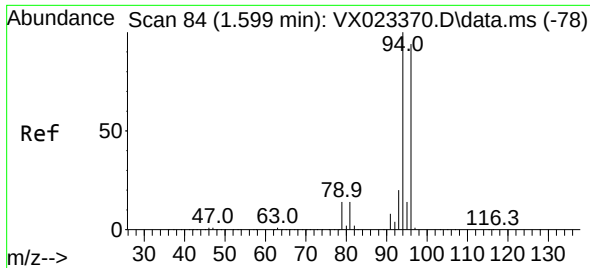
Tgt Ion:168 Resp: 160587
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 45.4 26.4 39.6#

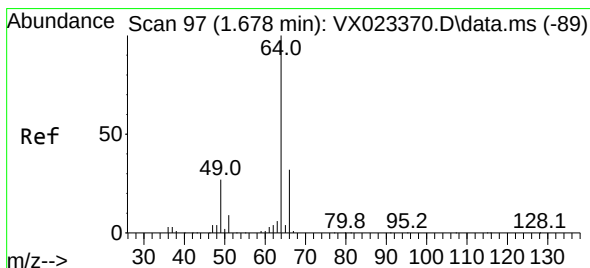
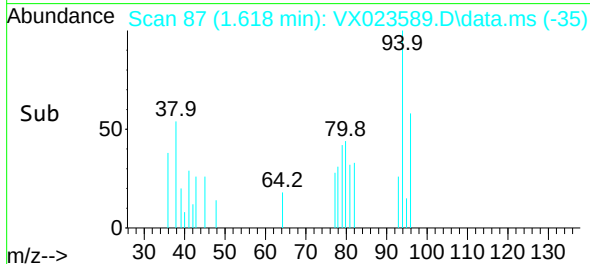
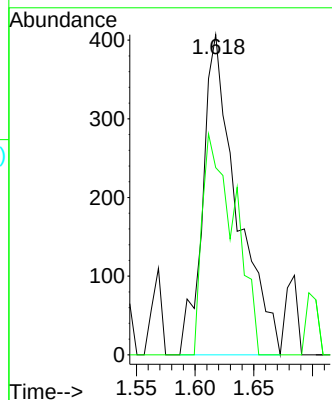
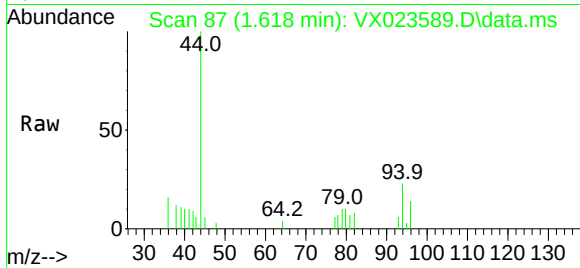




#5
Bromomethane
Concen: 0.797 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

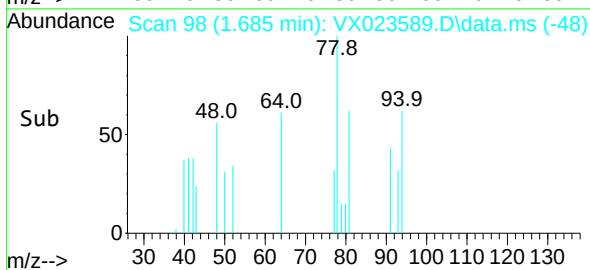
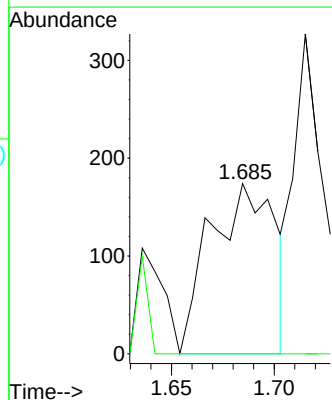
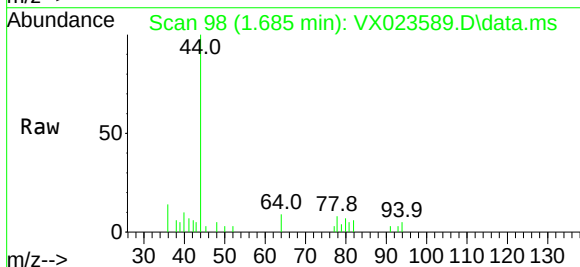
Instrument :
MSVOA_X
ClientSampled :

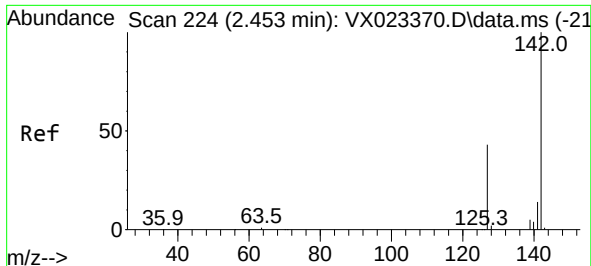
Tgt Ion: 94 Resp: 824
Ion Ratio Lower Upper
94 100
96 58.5 76.4 114.6#



#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

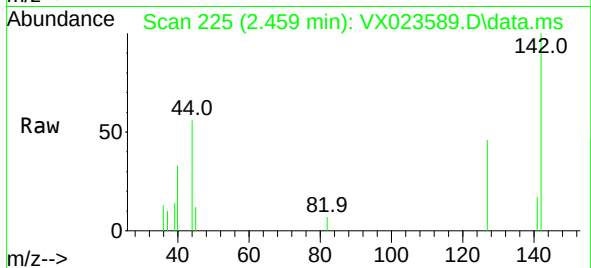
Tgt Ion: 64 Resp: 379
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



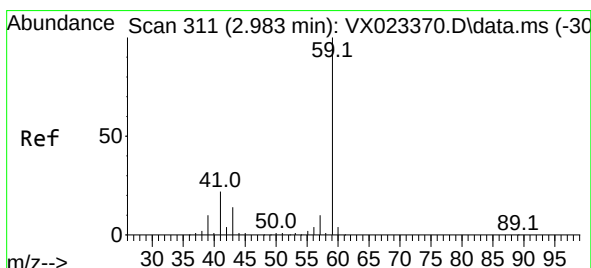
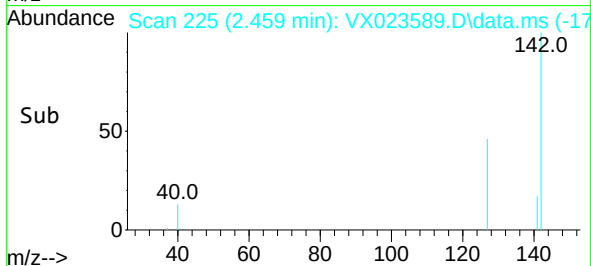
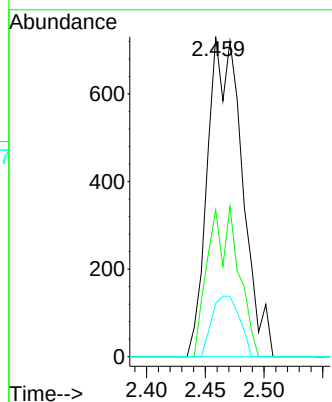


#10
Methyl Iodide
Concen: 0.752 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

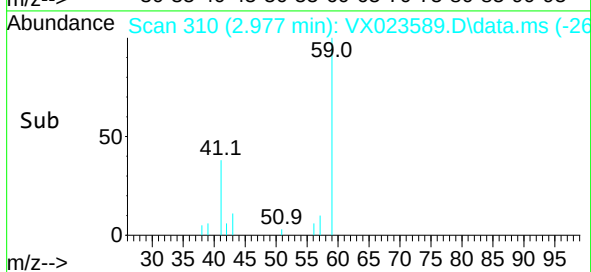
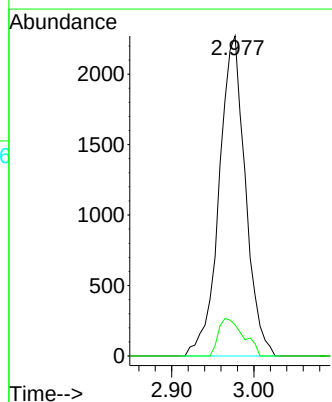
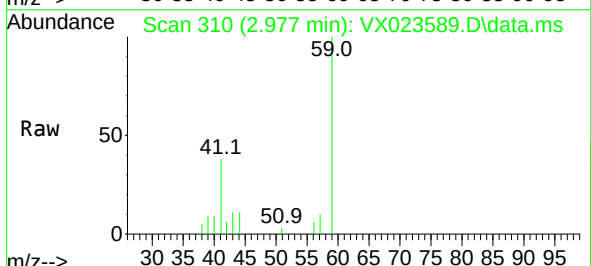


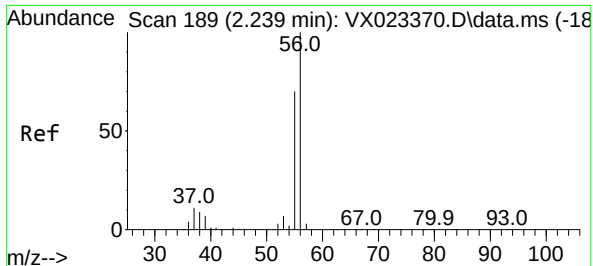
Tgt Ion:142 Resp: 1498
Ion Ratio Lower Upper
142 100
127 40.7 33.3 49.9
141 15.1 11.4 17.0



#11
Tert butyl alcohol
Concen: 11.016 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 59 Resp: 5041
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

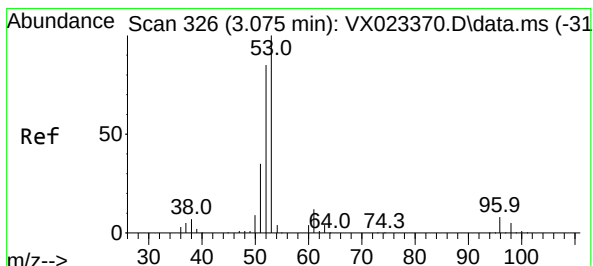
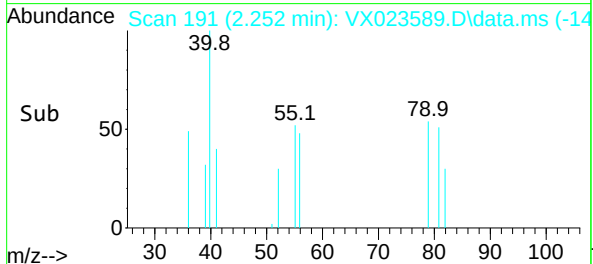
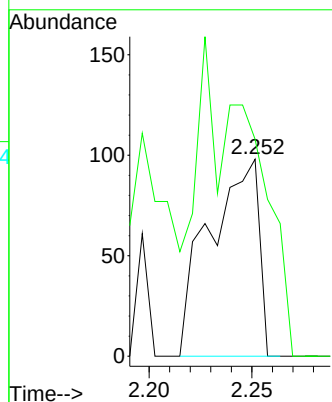
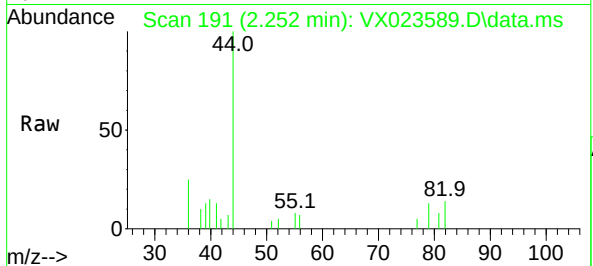




#13
Acrolein
Concen: 2.065 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

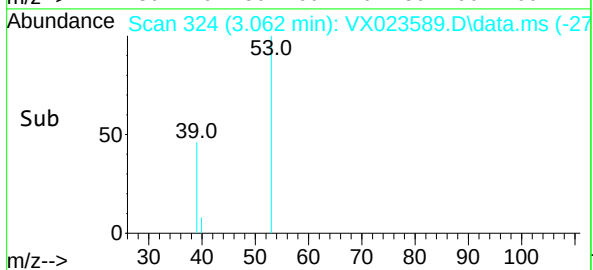
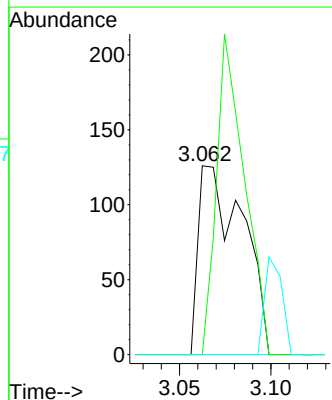
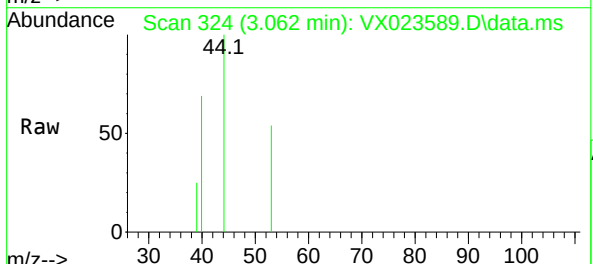
Instrument :
MSVOA_X
ClientSampled :

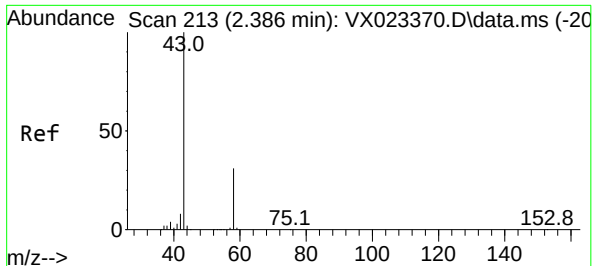
Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.205 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.013 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 53 Resp: 212
Ion Ratio Lower Upper
53 100
52 107.5 65.3 97.9#
51 0.0 28.2 42.2#

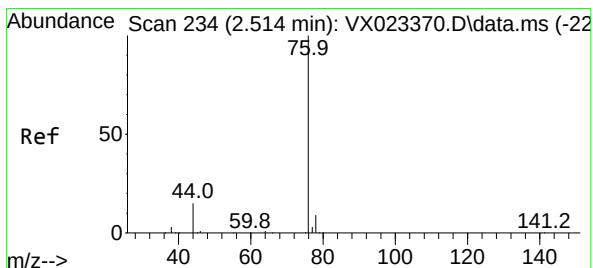
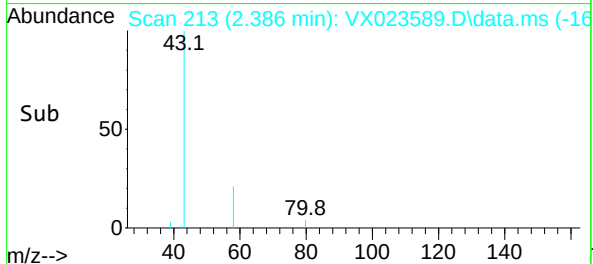
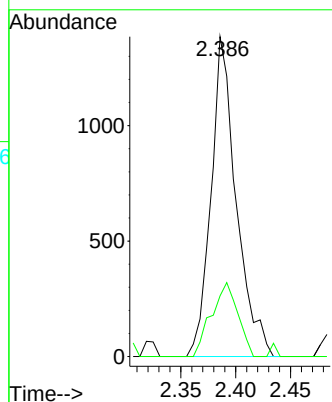
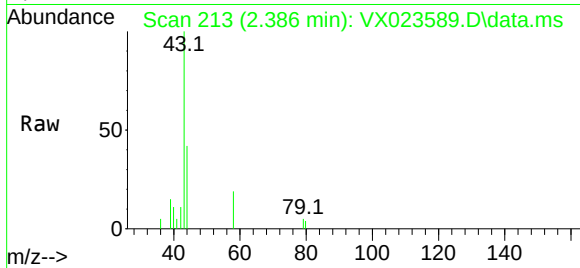




#16
Acetone
Concen: 2.256 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

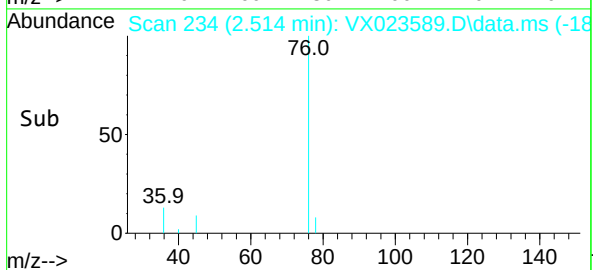
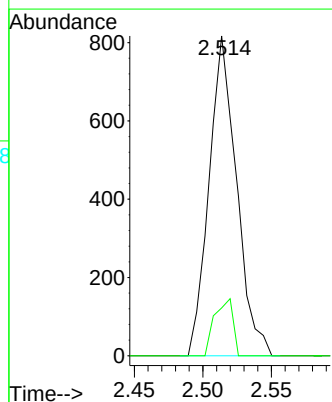
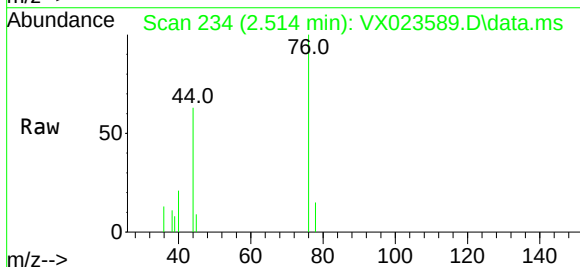
Instrument :
MSVOA_X
ClientSampled :

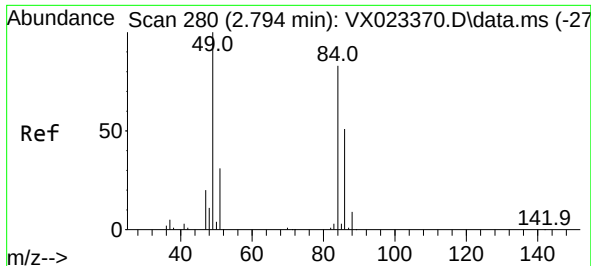
Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 19.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

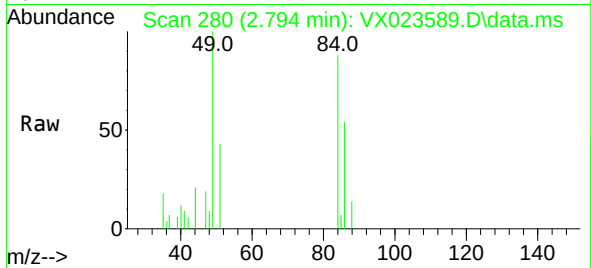
Tgt Ion: 76 Resp: 1142
Ion Ratio Lower Upper
76 100
78 14.9 7.2 10.8#



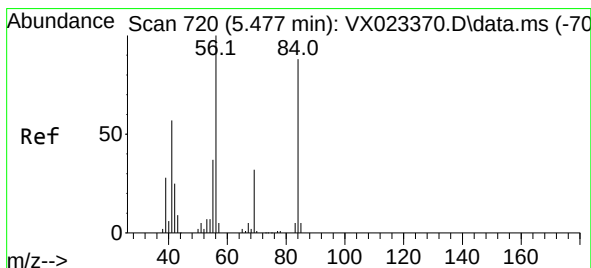
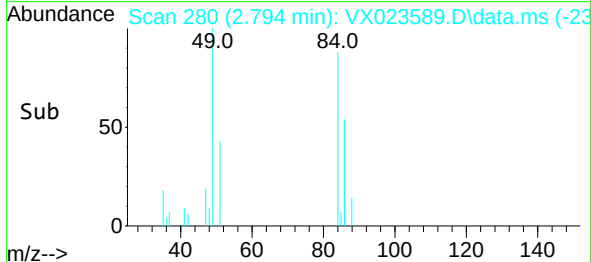
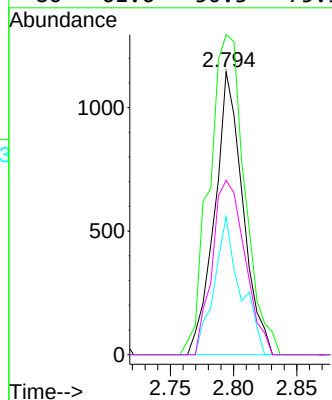


#20
Methylene Chloride
Concen: 0.930 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

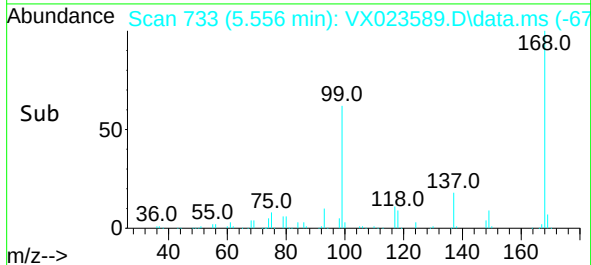
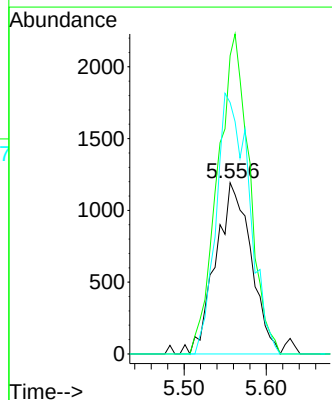
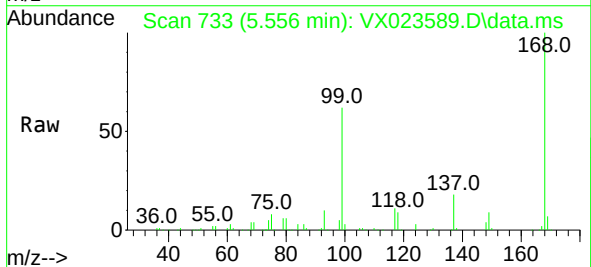


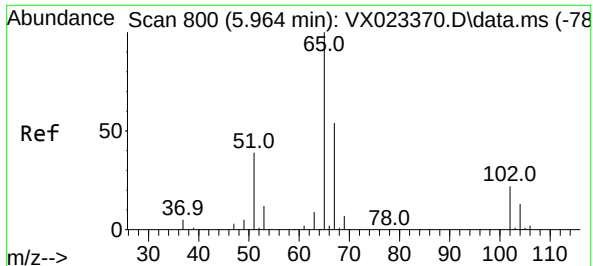
Tgt Ion:	84	Resp:	1777
Ion	Ratio	Lower	Upper
84	100		
49	113.1	88.6	132.8
51	48.7	27.0	40.6#
86	61.6	50.3	75.5



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion:	56	Resp:	3568
Ion	Ratio	Lower	Upper
56	100		
69	174.2	25.3	37.9#
84	146.9	71.4	107.0#



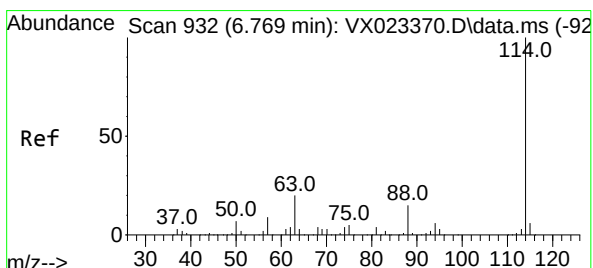
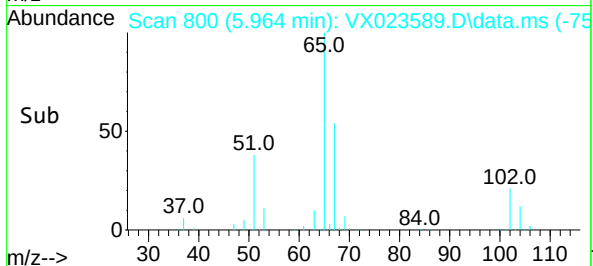
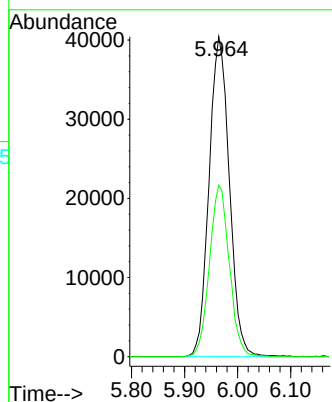
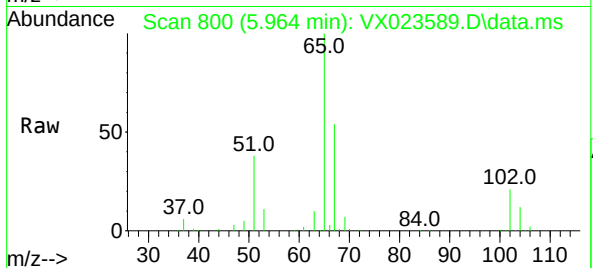


#33

1,2-Dichloroethane-d4
Concen: 53.684 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

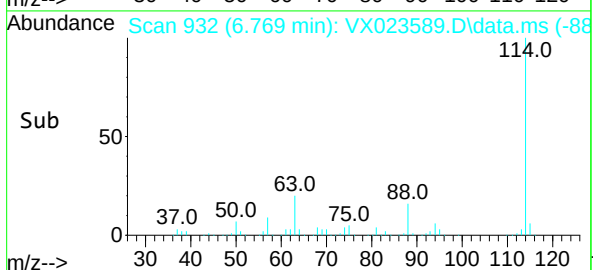
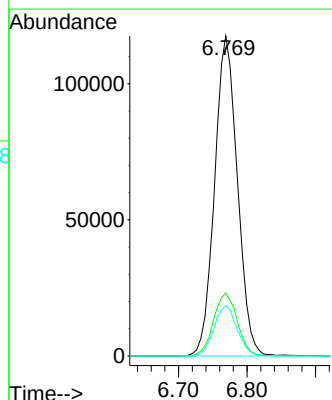
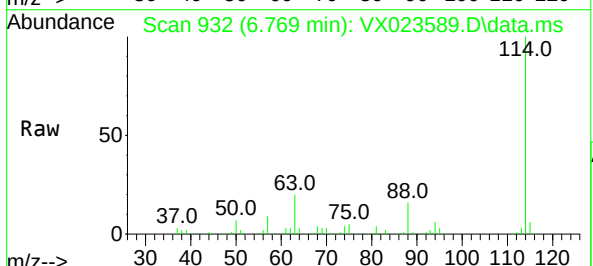
Tgt Ion: 65 Resp: 107539
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

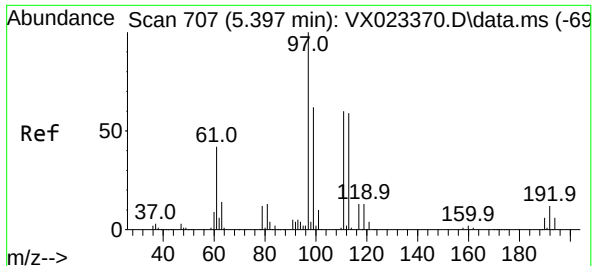


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 114 Resp: 270911
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.009 ug/l

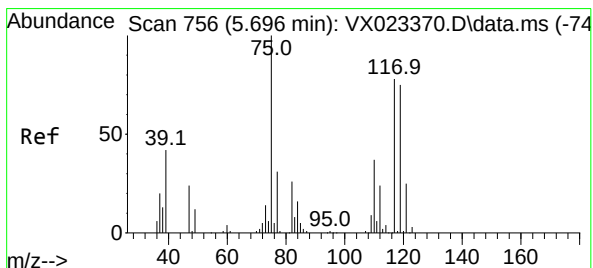
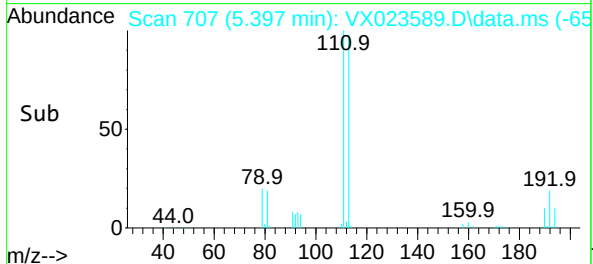
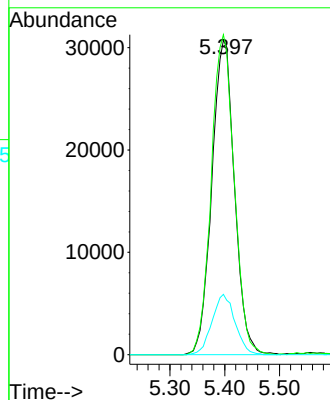
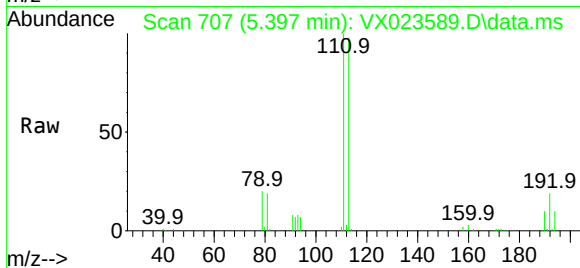
RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023589.D

Acq: 06 Aug 2021 12:24

Tgt Ion:	113	Resp:	88096
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	19.5	16.7	25.1



#36

1,1-Dichloropropene

Concen: 5.186 ug/l

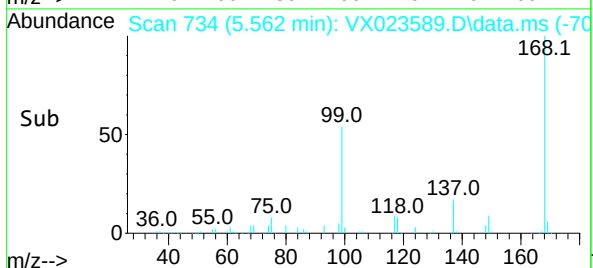
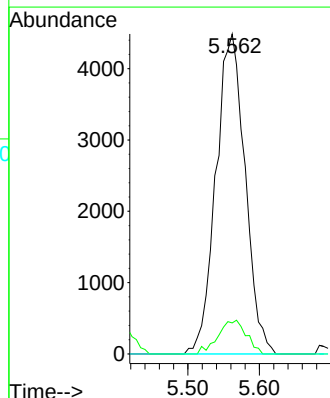
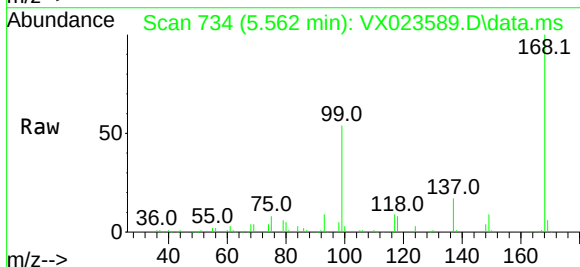
RT: 5.562 min Scan# 734

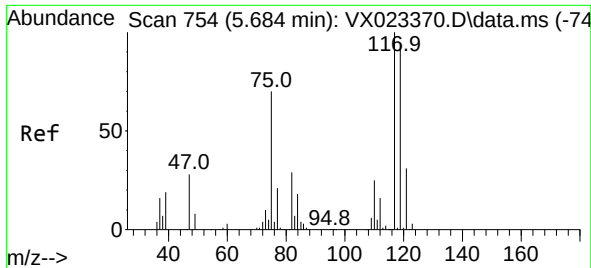
Delta R.T. -0.134 min

Lab File: VX023589.D

Acq: 06 Aug 2021 12:24

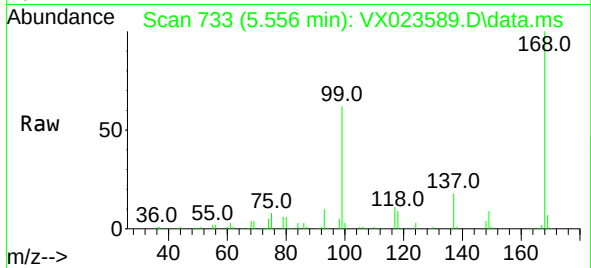
Tgt Ion:	75	Resp:	12710
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	25.3	37.9#



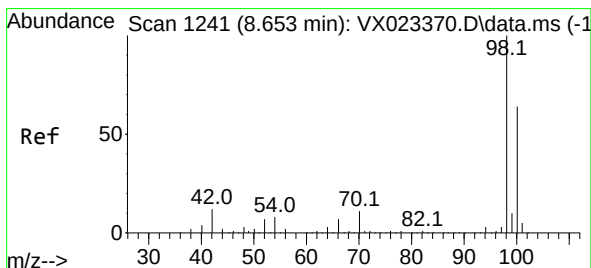
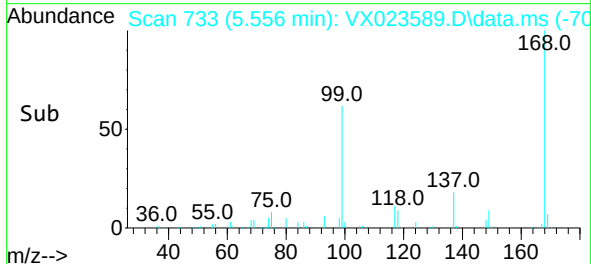
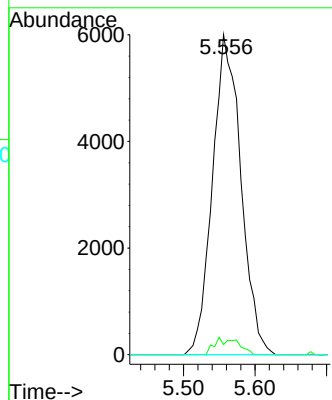


#38
Carbon Tetrachloride
Concen: 6.640 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

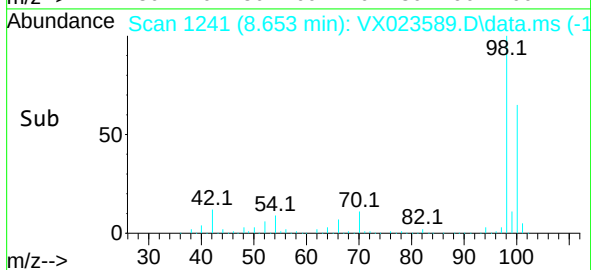
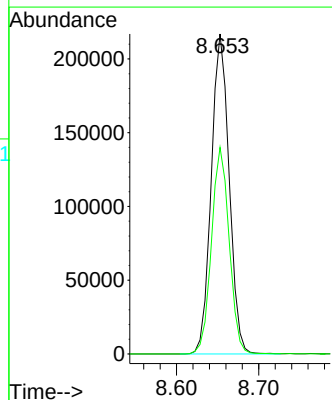
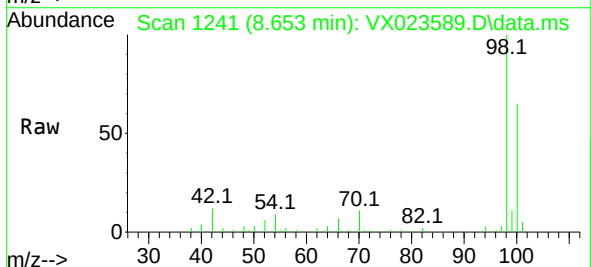


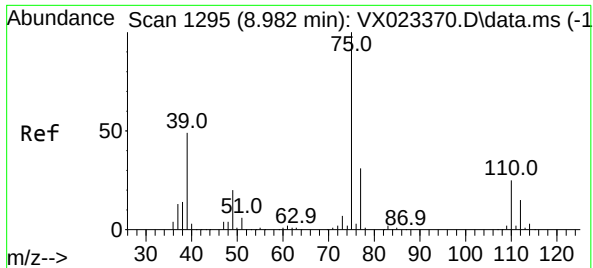
Tgt Ion:117 Resp: 16550
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.669 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 98 Resp: 327774
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

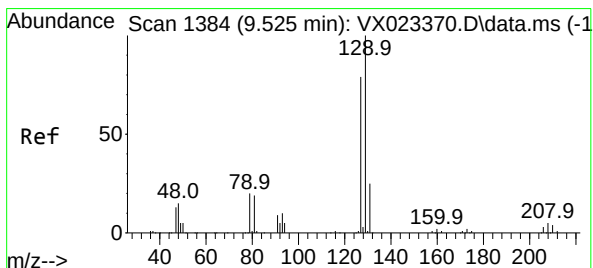
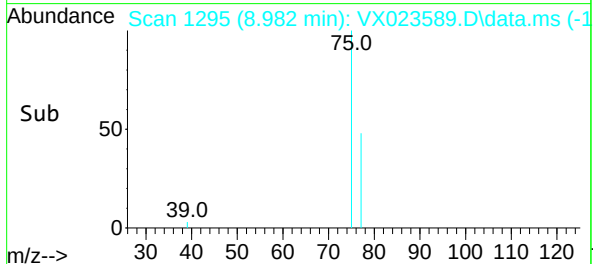
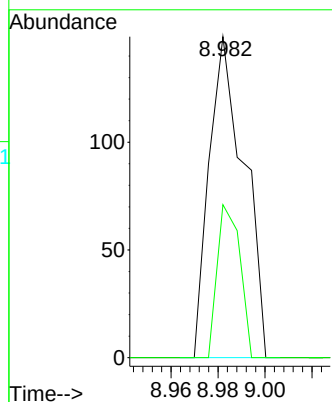
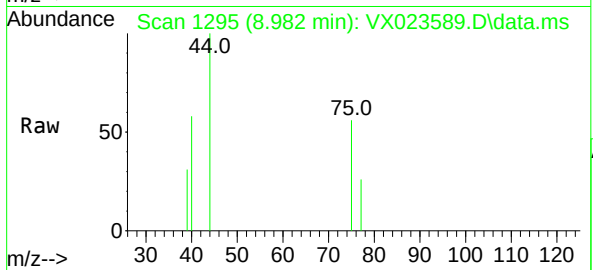




#53
t-1,3-Dichloropropene
Concen: 1.866 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

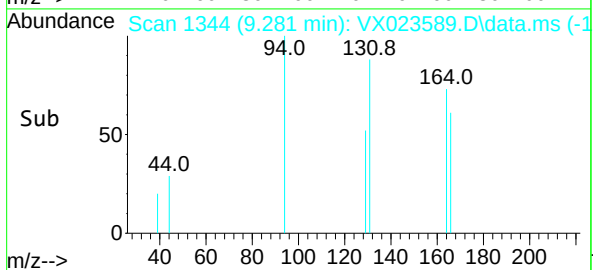
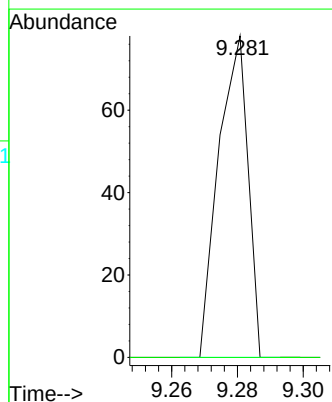
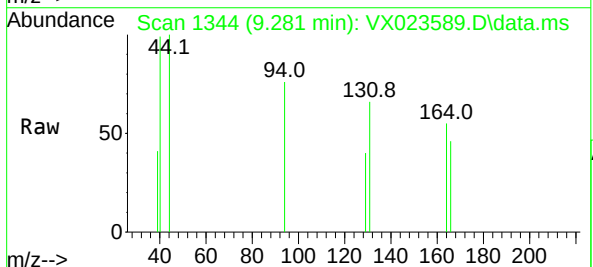
Instrument :
MSVOA_X
ClientSampled :

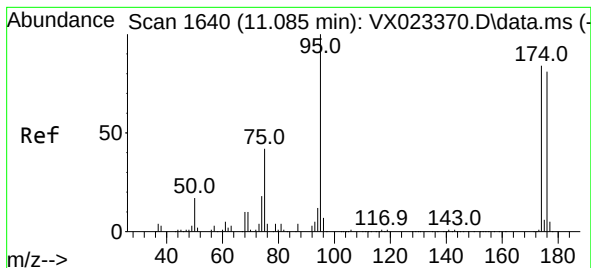
Tgt Ion: 75 Resp: 153
Ion Ratio Lower Upper
75 100
77 47.7 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.006 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 129 Resp: 48
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

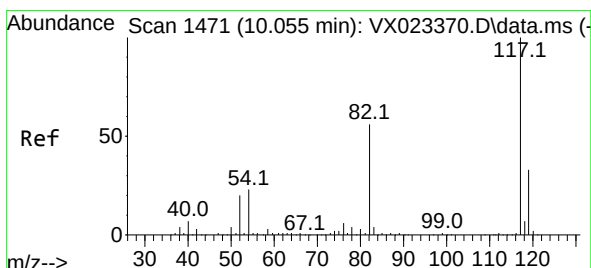
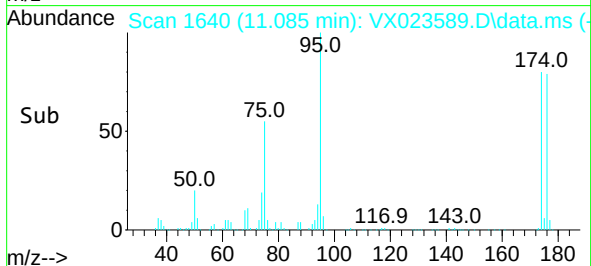
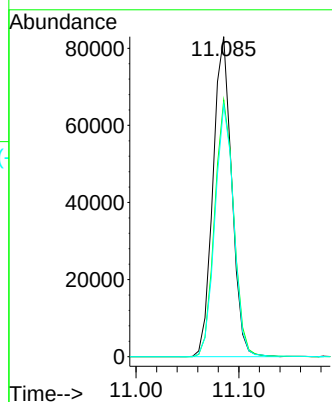
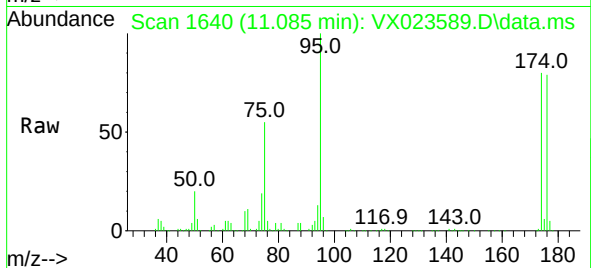




#62
4-Bromofluorobenzene
Concen: 49.699 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

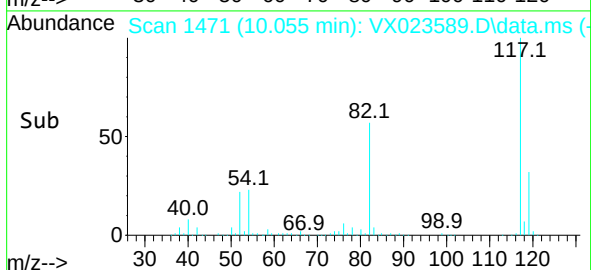
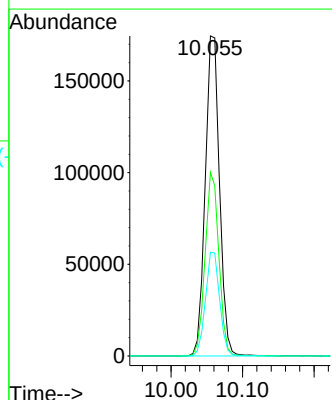
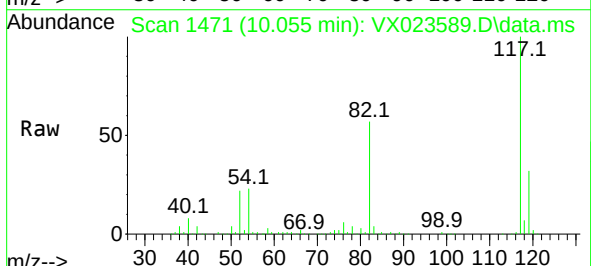
Instrument :
MSVOA_X
ClientSampled :

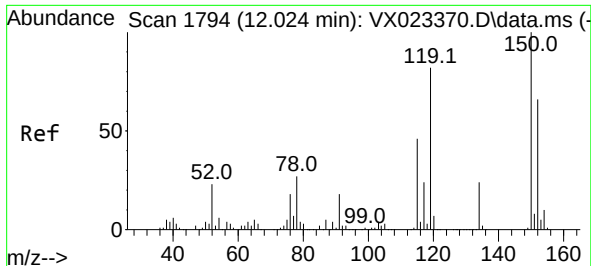
Tgt Ion: 95 Resp: 105171
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 117 Resp: 242430
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.4 26.6 39.8

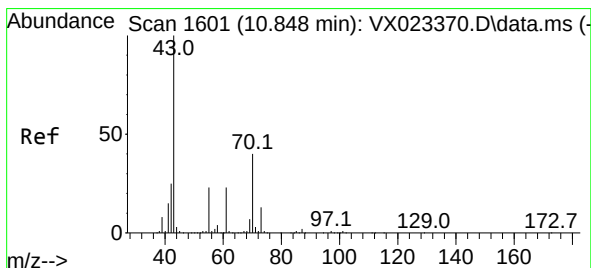
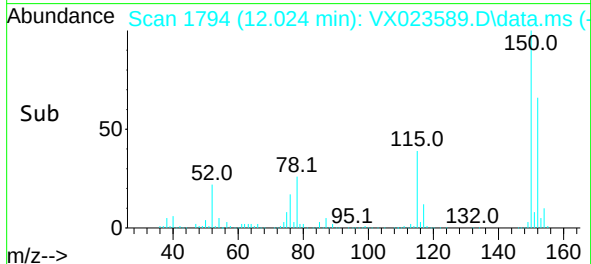
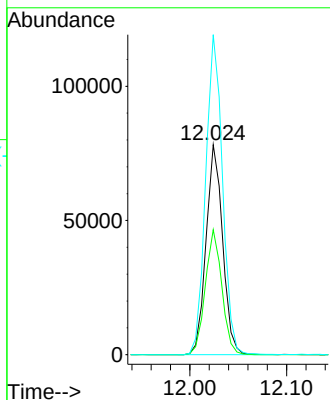
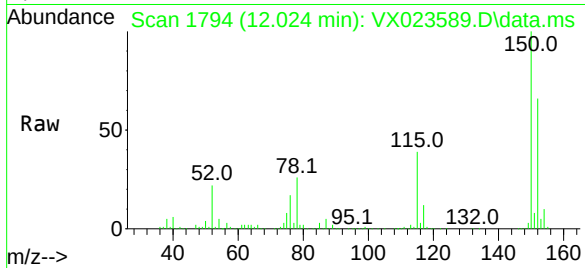




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

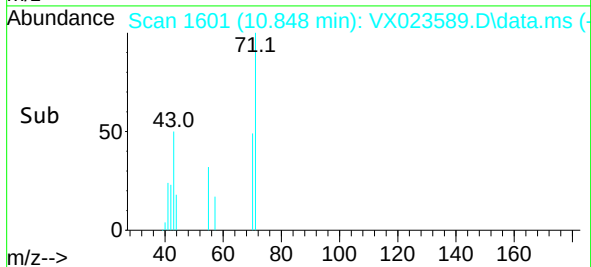
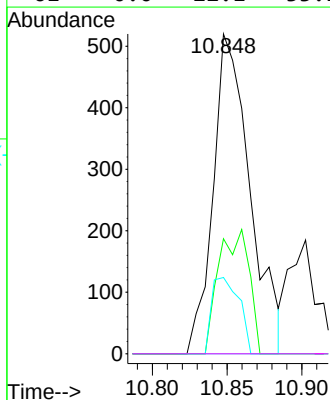
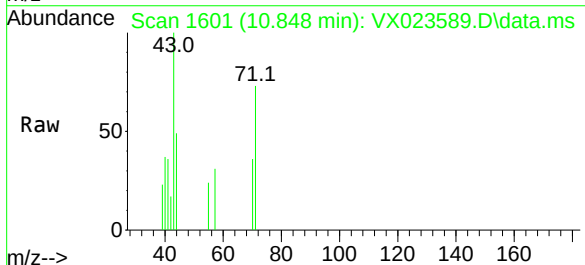
Instrument :
MSVOA_X
ClientSampled :

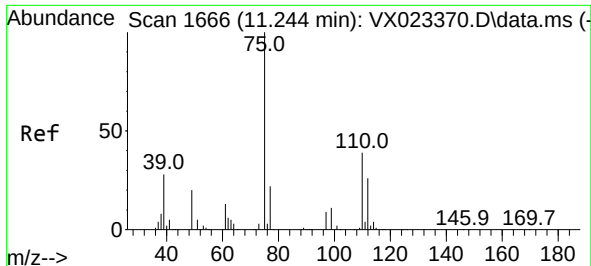
Tgt Ion:152 Resp: 93095
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 154.8 0.0 349.0



#74
N-ethyl acetate
Concen: 0.279 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
70 32.0 39.0 58.6#
55 17.7 21.5 32.3#
61 0.0 22.1 33.1#

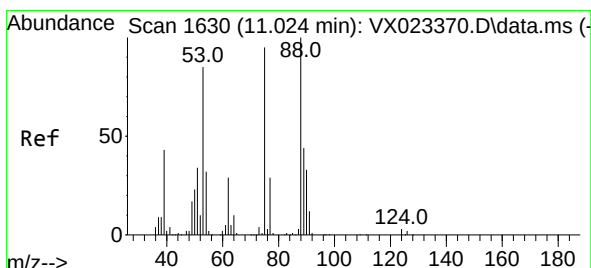
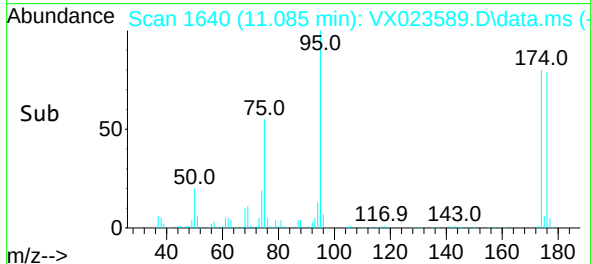
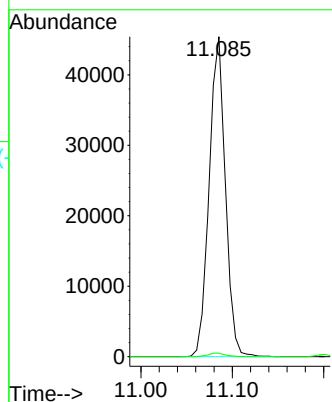
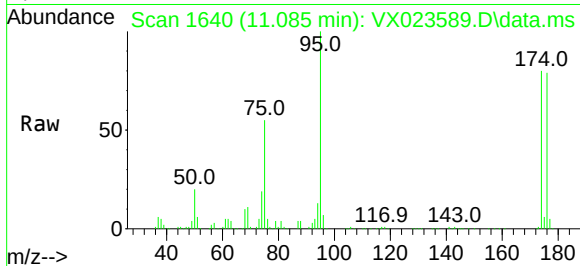




#76
1,2,3-Trichloropropane
Concen: 27.215 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55753
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.178 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023589.D
Acq: 06 Aug 2021 12:24

Tgt Ion: 75 Resp: 55753
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

