

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023909.D
 Acq On : 23 Aug 2021 19:37
 Operator : JC/MD
 Sample : M3520-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 07:16:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

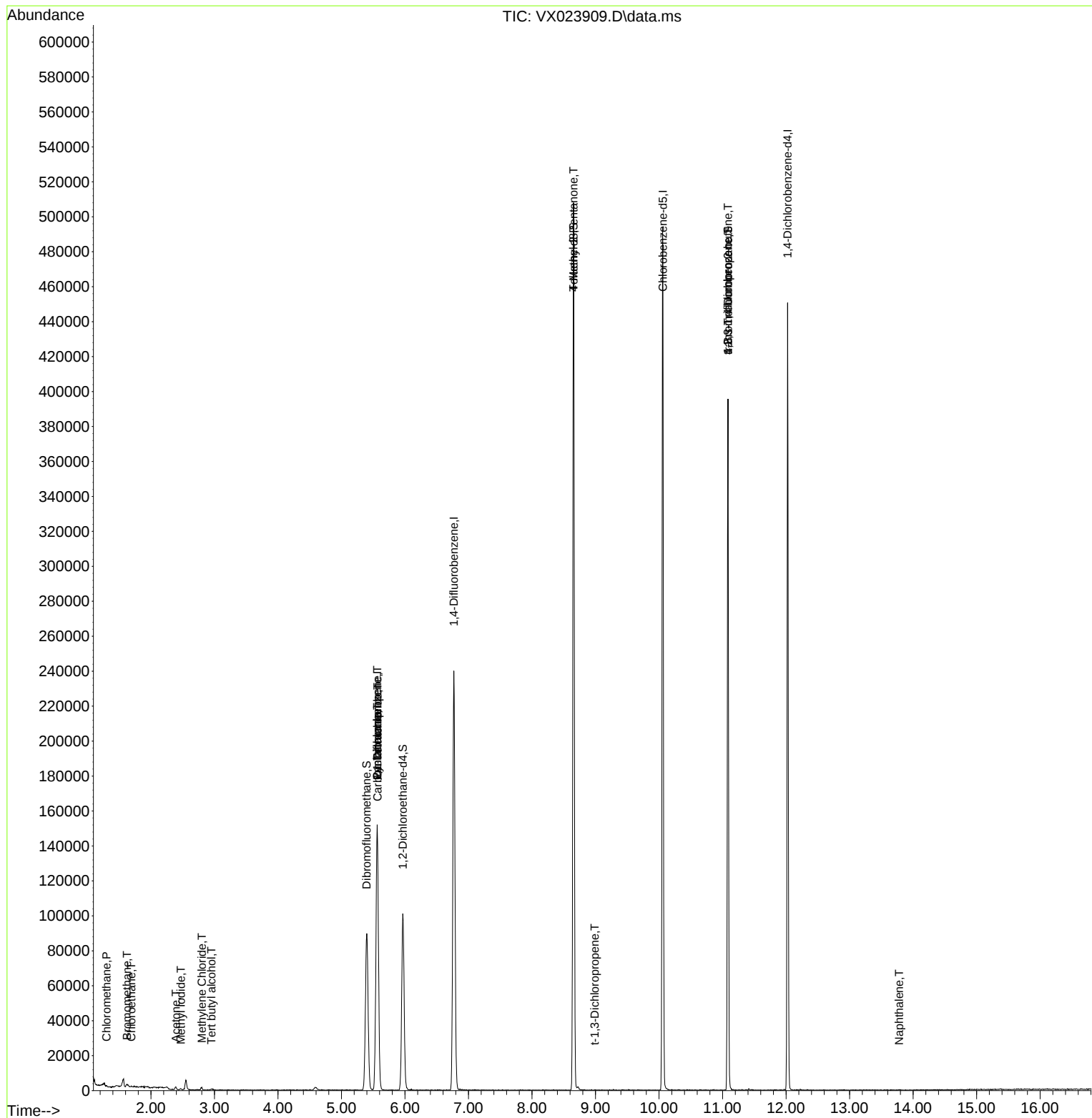
Internal Standards						
1) Pentafluorobenzene	5.562	168	137935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	217829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98709	51.274	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.540%			
35) Dibromofluoromethane	5.397	113	77897	49.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.640%			
50) Toluene-d8	8.653	98	288111	48.409	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.820%			
62) 4-Bromofluorobenzene	11.085	95	98442	44.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.860%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	412	0.258	ug/l	97
5) Bromomethane	1.624	94	775	0.791	ug/l	81
6) Chloroethane	1.691	64	102	2.292	ug/l #	43
10) Methyl Iodide	2.471	142	649	0.337	ug/l #	87
11) Tert butyl alcohol	2.953	59	206	0.529	ug/l #	73
16) Acetone	2.392	43	1592	1.849	ug/l #	80
20) Methylene Chloride	2.800	84	656	0.399	ug/l #	92
31) Cyclohexane	5.562	56	3196	1.292	ug/l #	28
36) 1,1-Dichloropropene	5.562	75	11068	5.059	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14409	6.316	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1576	0.580	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	49	2.154	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	53300	26.245	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53300	77.201	ug/l #	12
95) Naphthalene	13.780	128	126	1.302	ug/l #	69

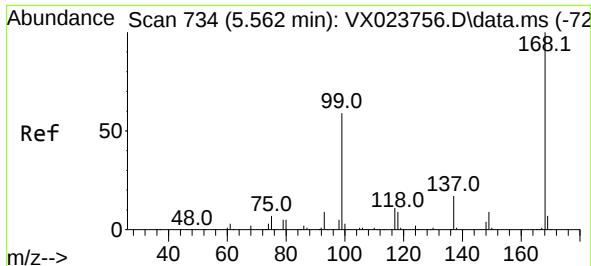
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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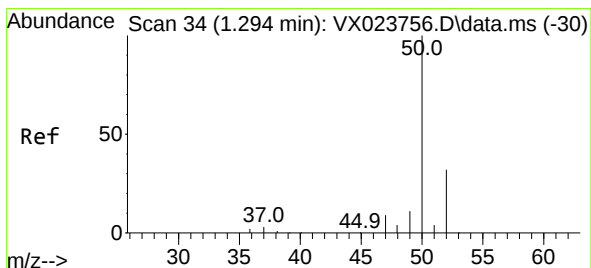
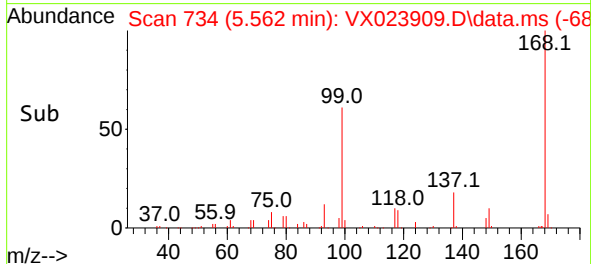
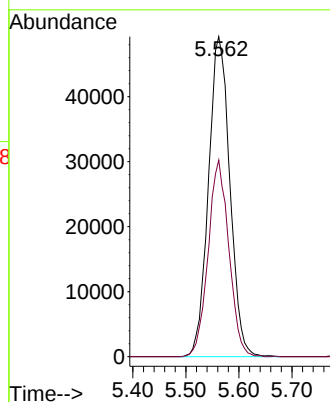
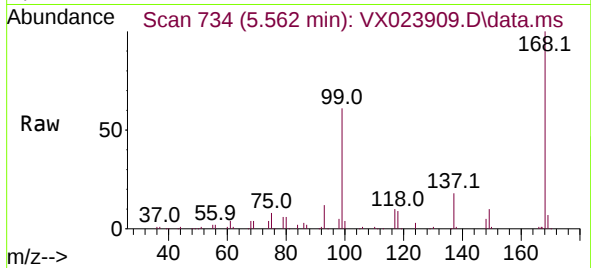




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

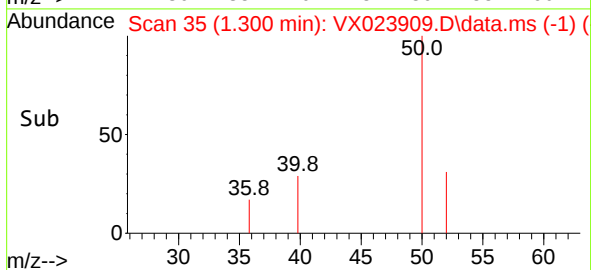
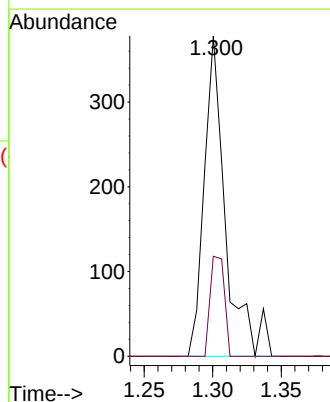
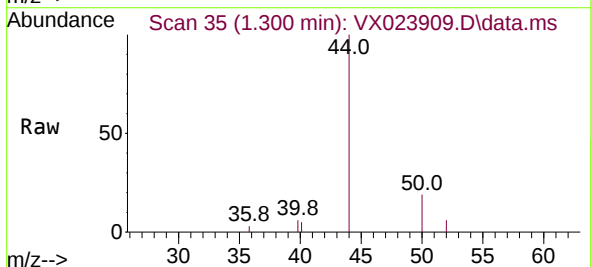
Instrument :
MSVOA_X
ClientSampleId :

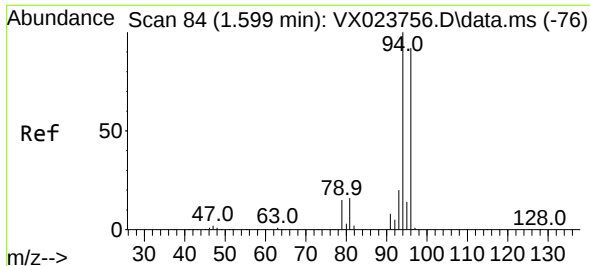
Tgt Ion:168 Resp: 137935
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6

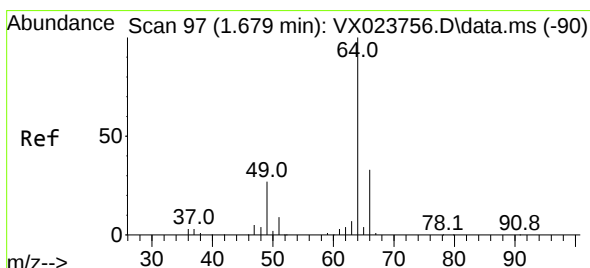
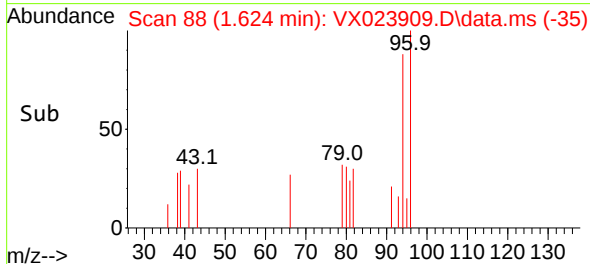
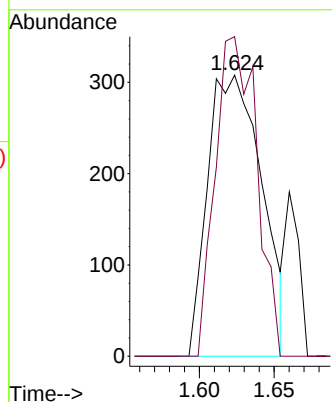
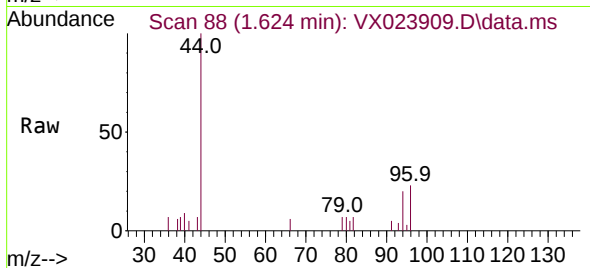




#5
Bromomethane
Concen: 0.791 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

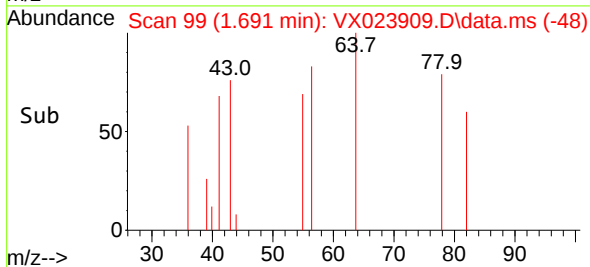
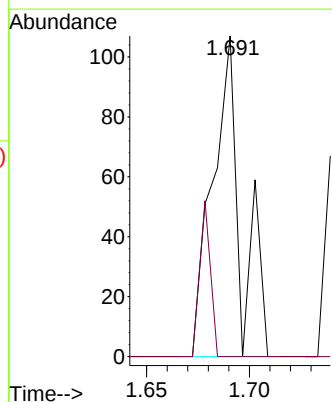
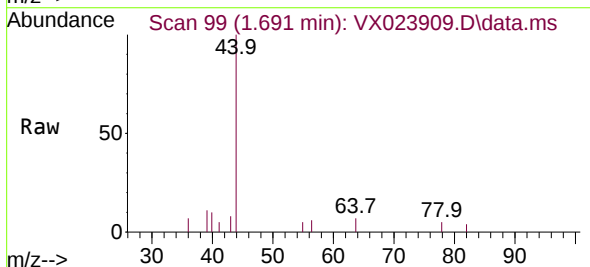
Instrument :
MSVOA_X
ClientSampled :

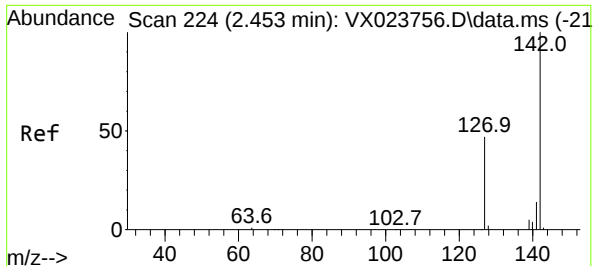
Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 113.6 76.4 114.6



#6
Chloroethane
Concen: 2.292 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

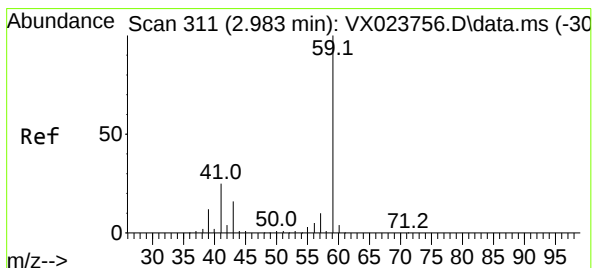
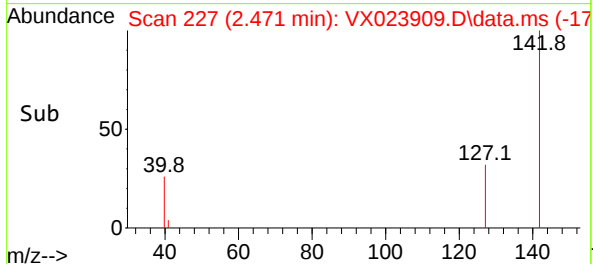
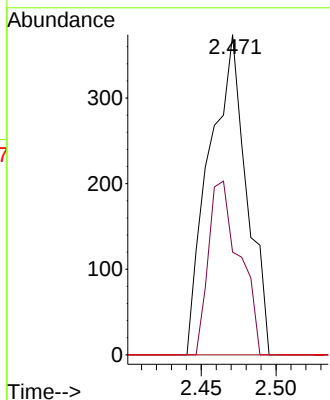
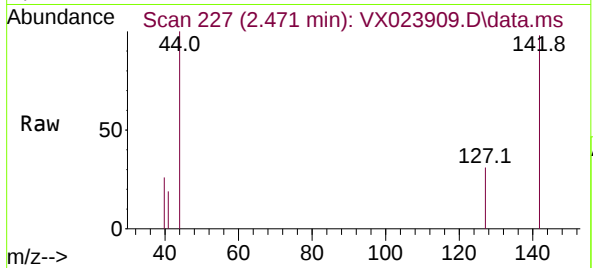




#10
Methyl Iodide
Concen: 0.337 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

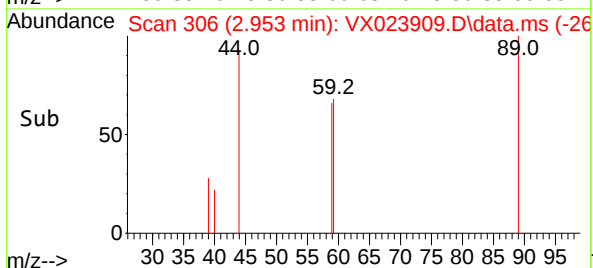
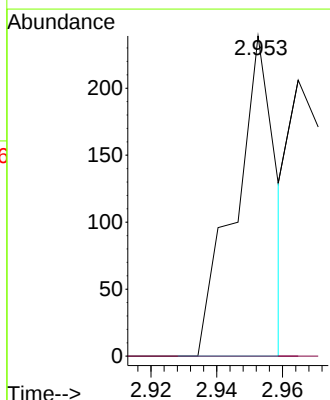
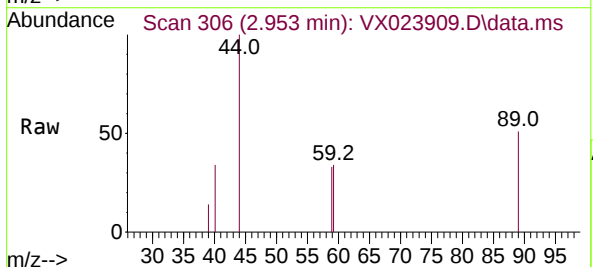
Instrument :
MSVOA_X
ClientSampled :

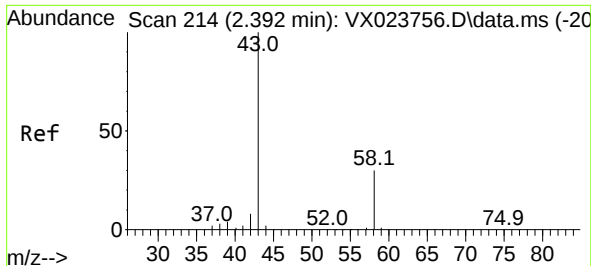
Tgt Ion:142 Resp: 649
Ion Ratio Lower Upper
142 100
127 45.1 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.529 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

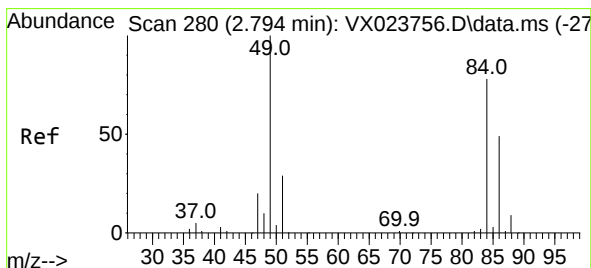
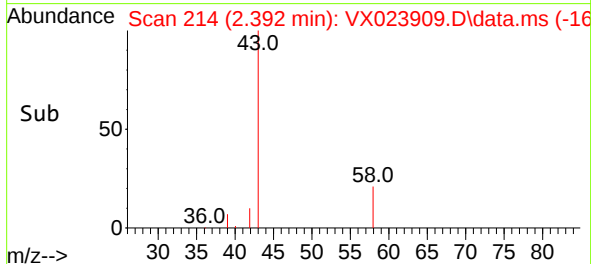
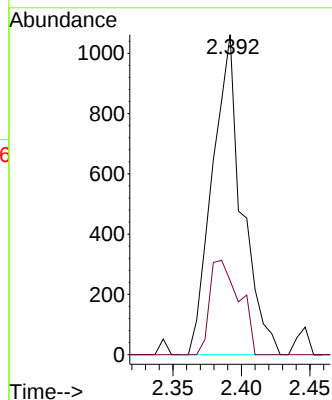
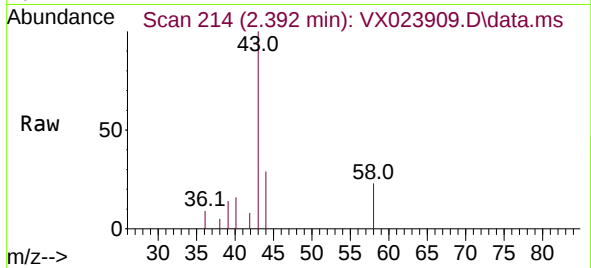




#16
Acetone
Concen: 1.849 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

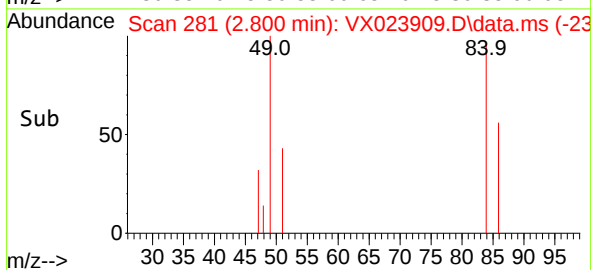
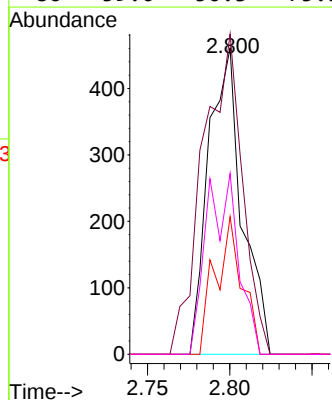
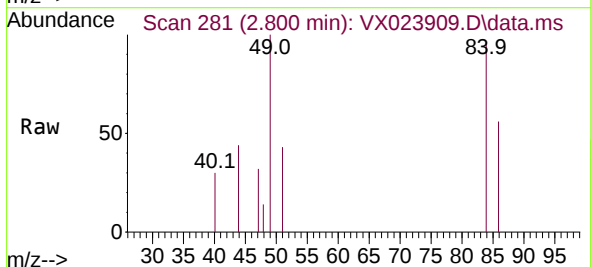
Instrument :
MSVOA_X
ClientSampled :

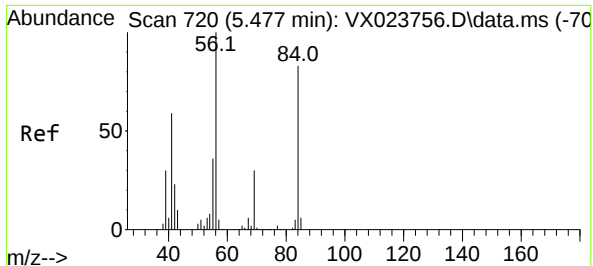
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 23.2 27.8 41.8#



#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 84 Resp: 656
Ion Ratio Lower Upper
84 100
49 104.6 88.6 132.8
51 44.9 27.0 40.6#
86 59.0 50.3 75.5

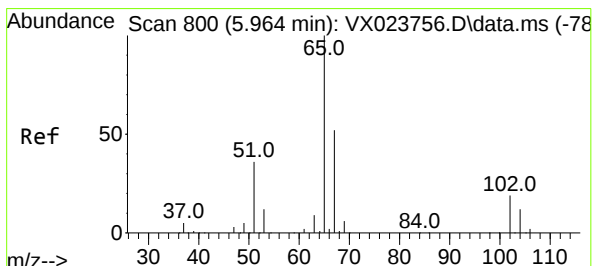
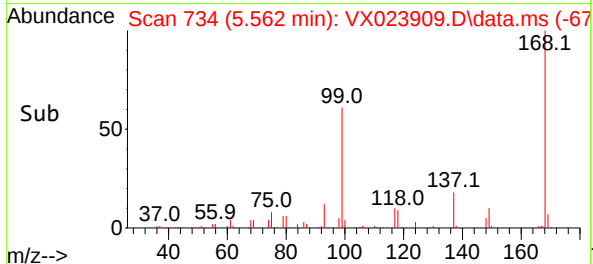
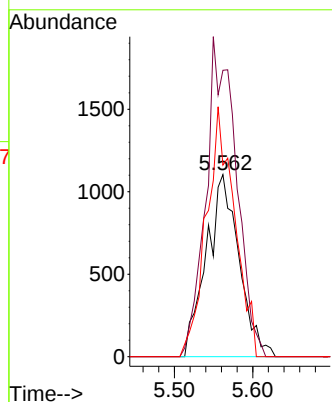
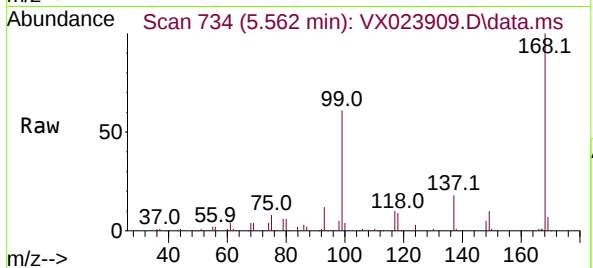




#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

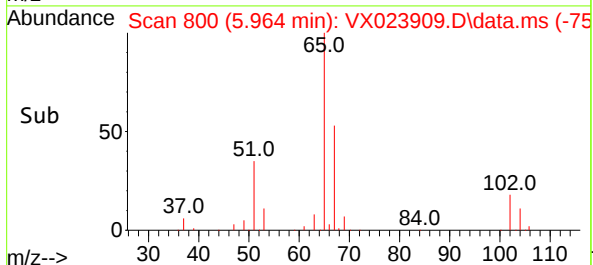
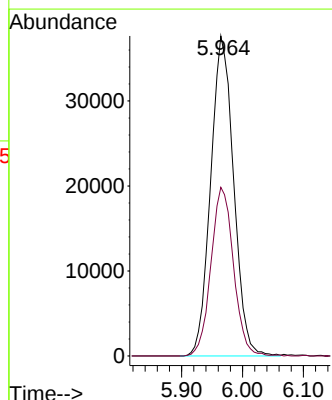
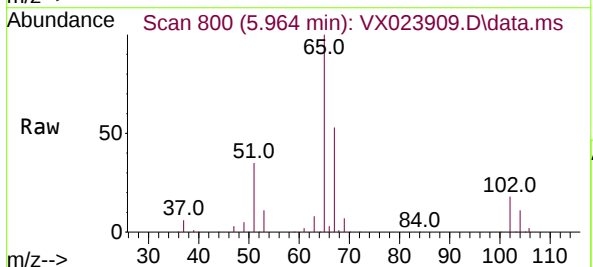
Instrument :
MSVOA_X
ClientSampleId :

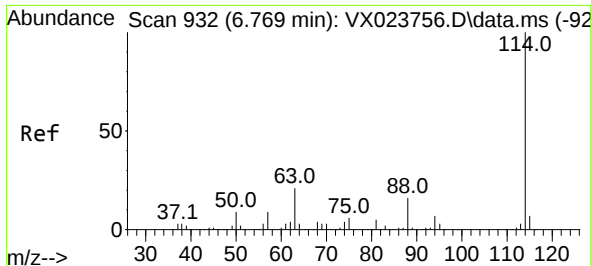
Tgt Ion: 56 Resp: 3196
Ion Ratio Lower Upper
56 100
69 157.2 25.3 37.9#
84 105.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.274 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 65 Resp: 98709
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

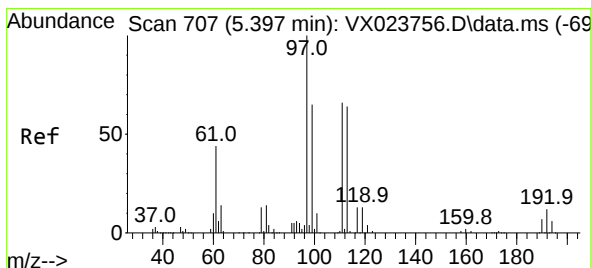
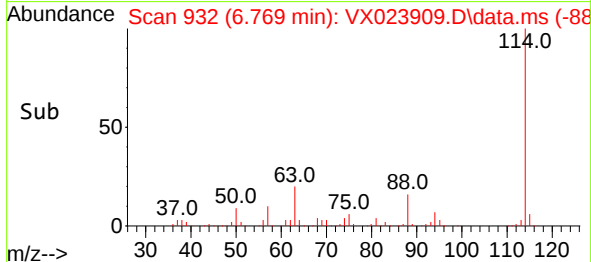
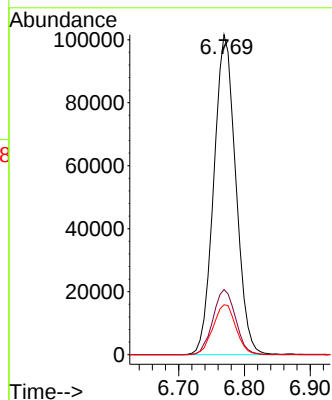
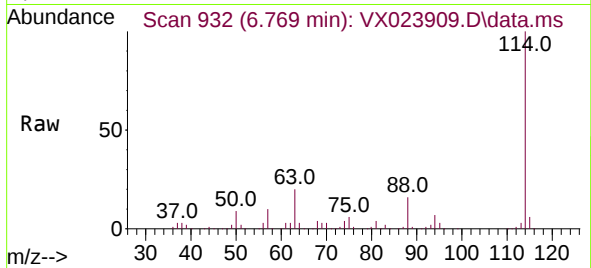




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

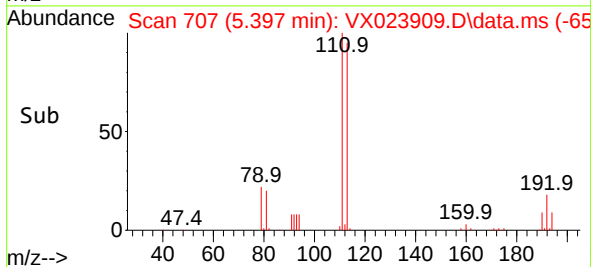
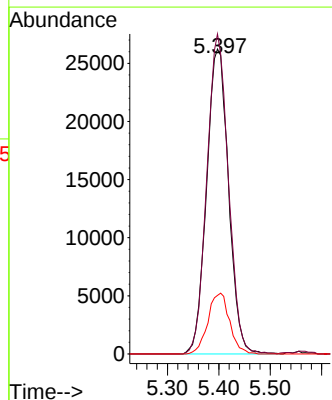
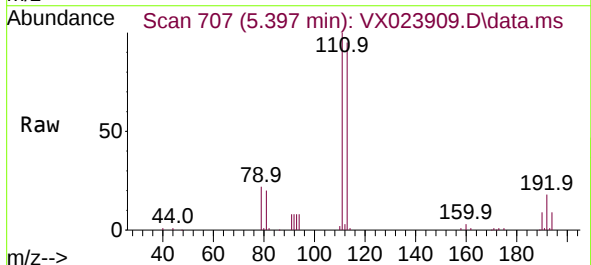
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MSVOA_X
ClientSampled :

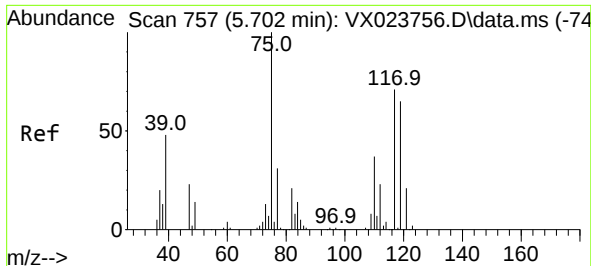
Tgt Ion:114 Resp: 236254
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.816 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion:113 Resp: 77897
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.7 16.7 25.1

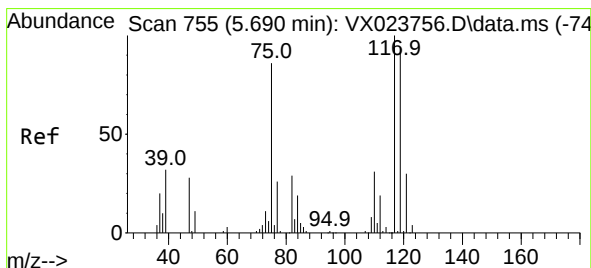
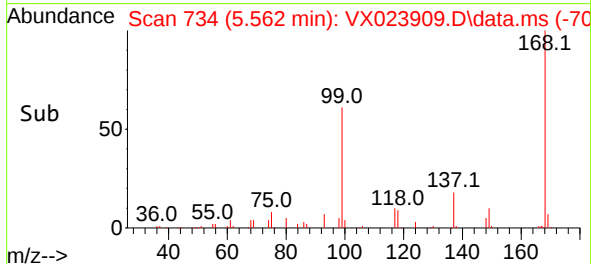
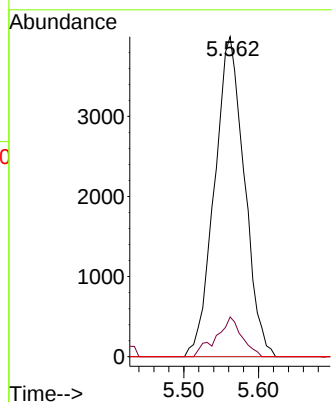
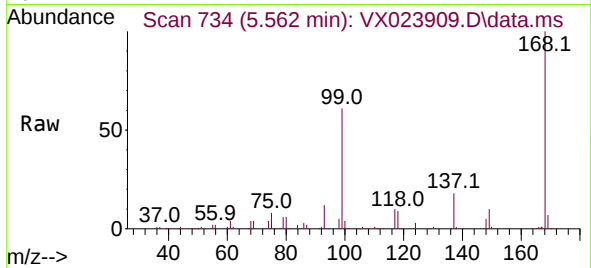




#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

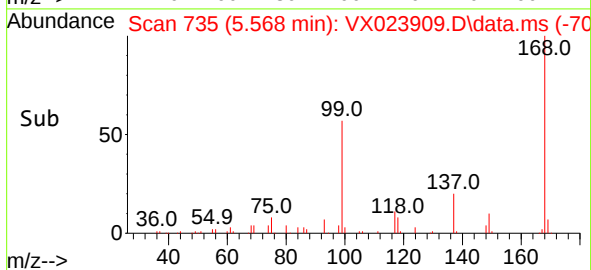
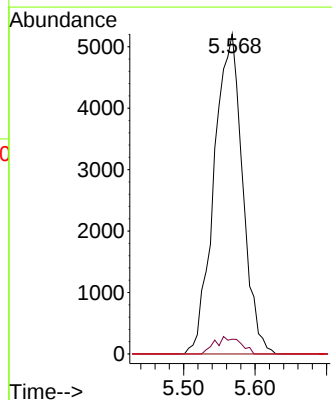
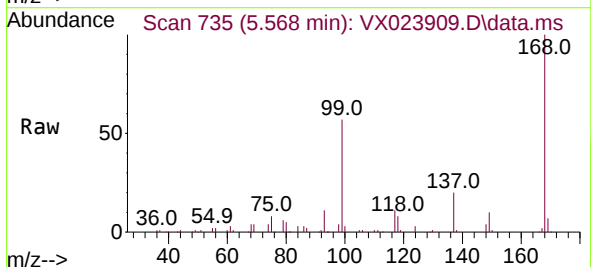
Instrument :
MSVOA_X
ClientSampled :

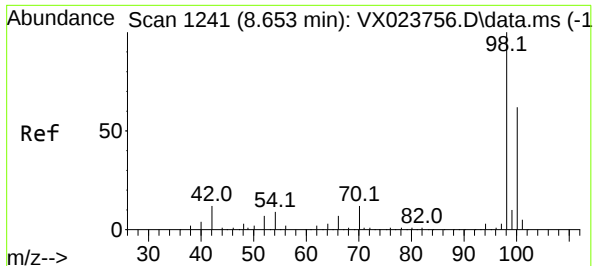
Tgt Ion: 75 Resp: 11068
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 117 Resp: 14409
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

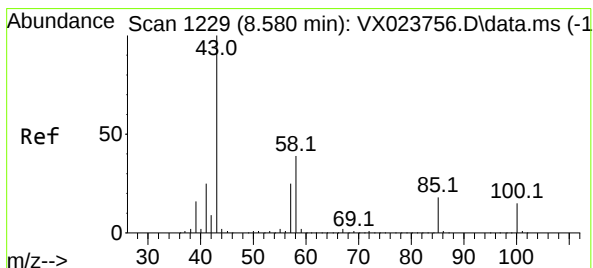
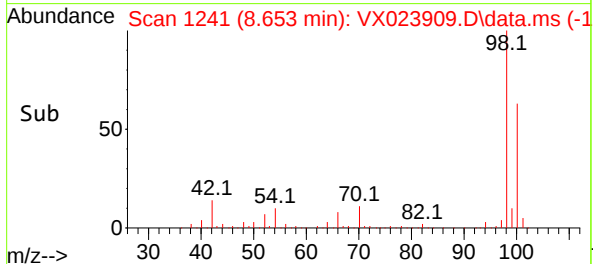
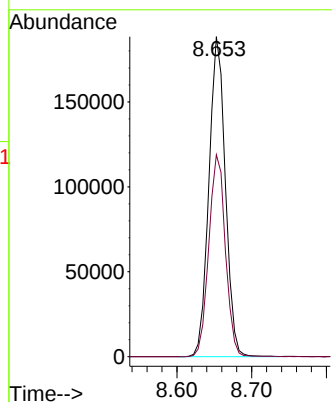
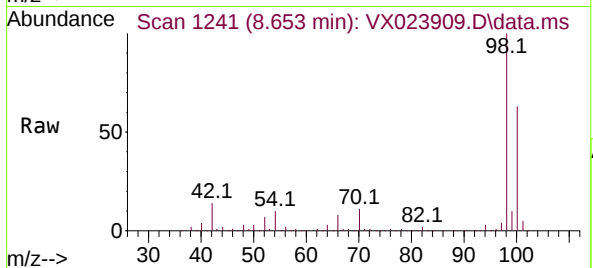




#50
Toluene-d8
Concen: 48.409 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

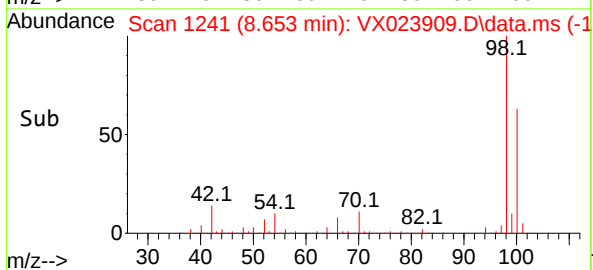
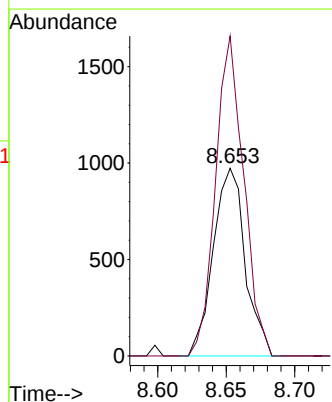
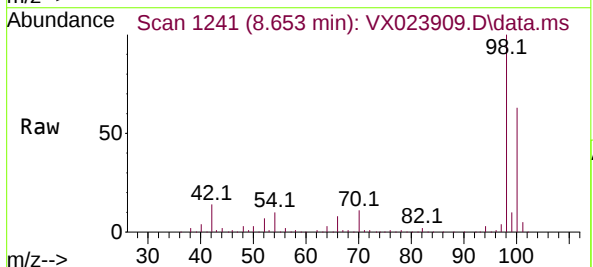
Instrument :
MSVOA_X
ClientSampled :

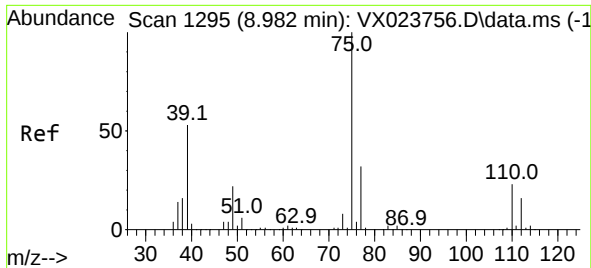
Tgt Ion: 98 Resp: 288111
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 150.8 35.4 53.0#

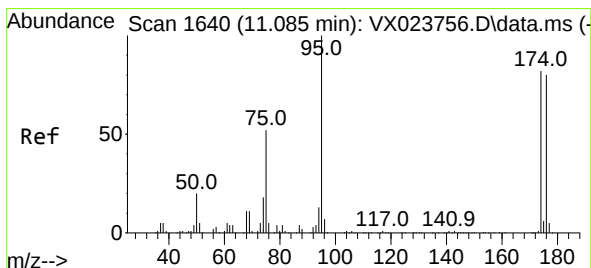
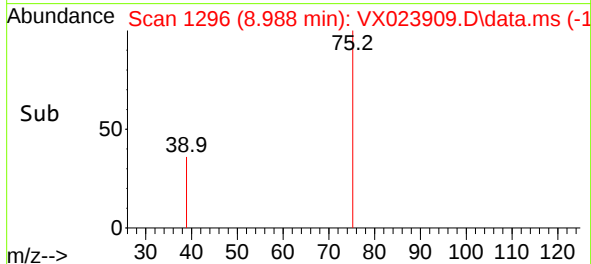
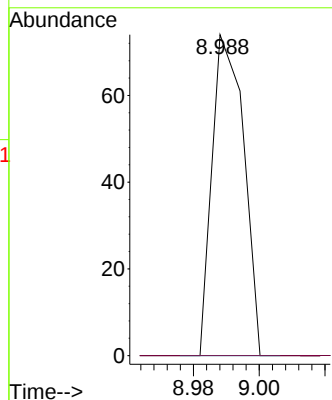
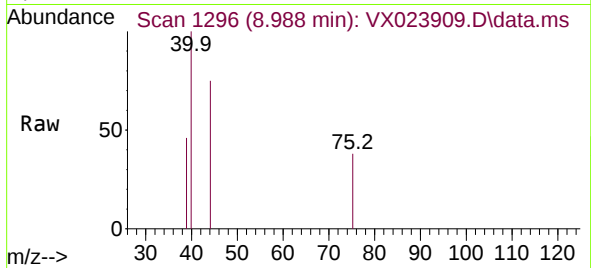




#53
t-1,3-Dichloropropene
Concen: 2.154 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

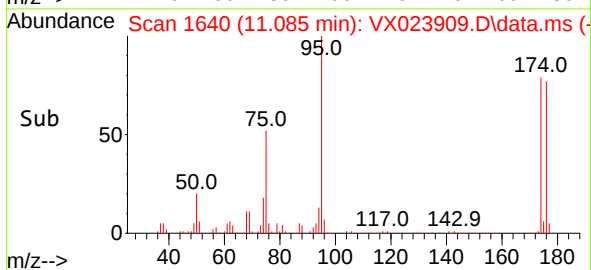
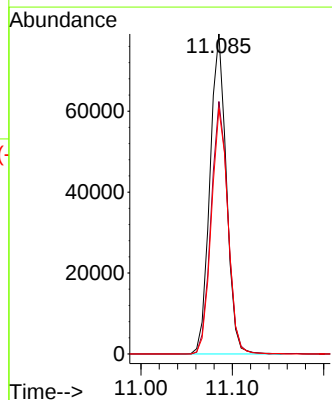
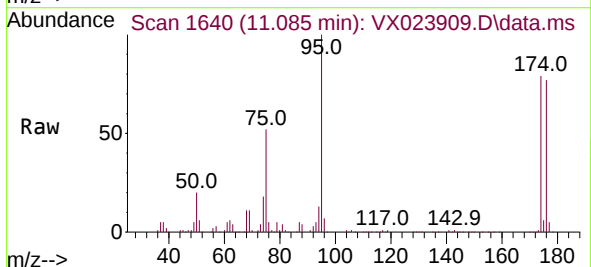
Instrument :
MSVOA_X
ClientSampled :

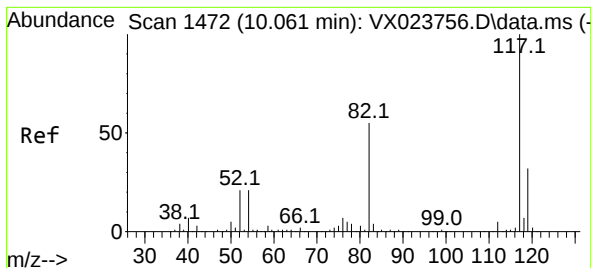
Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 44.932 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion: 95 Resp: 98442
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 77.8 0.0 155.8

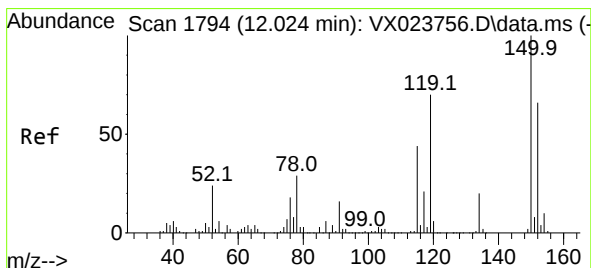
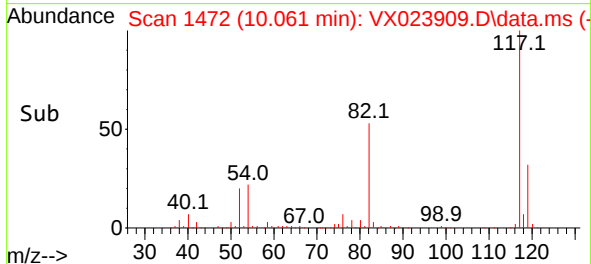
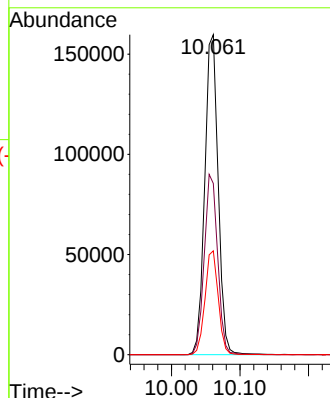
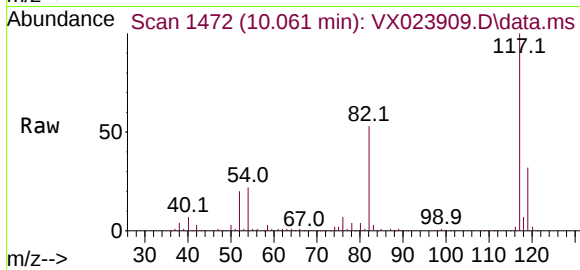




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

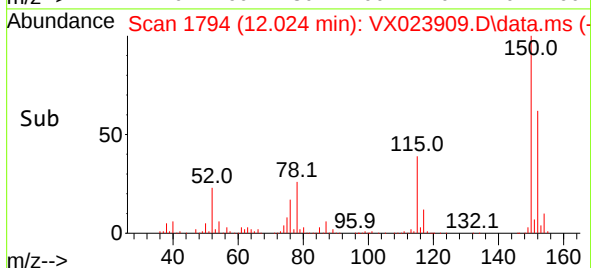
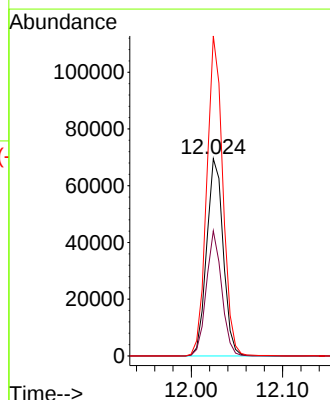
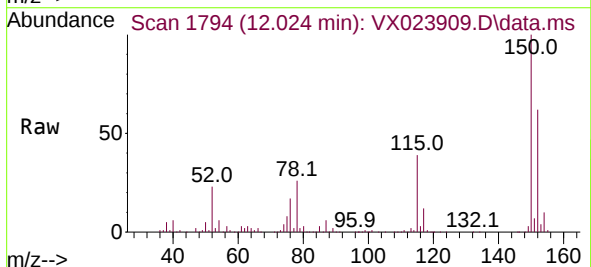
Instrument :
MSVOA_X
ClientSampled :

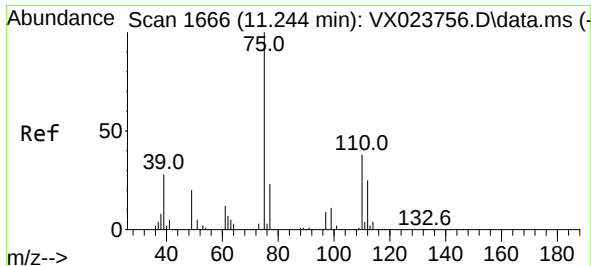
Tgt Ion:117 Resp: 217829
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Tgt Ion:152 Resp: 87059
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 157.3 0.0 349.0

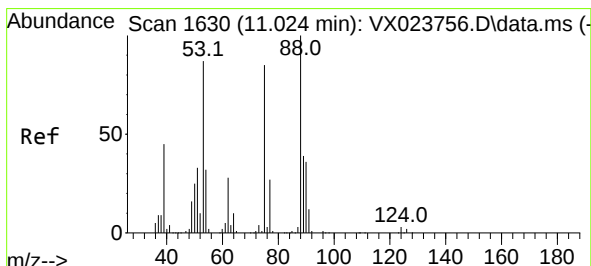
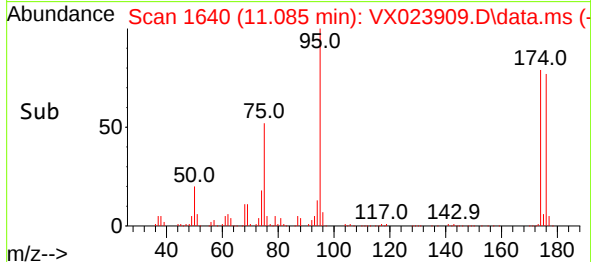
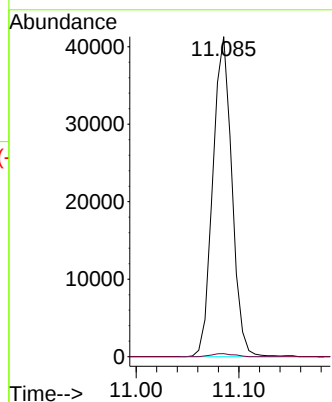
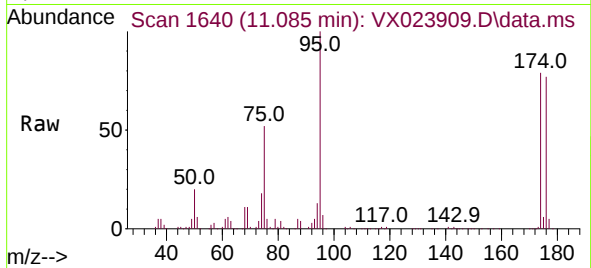




#76
1,2,3-Trichloropropane
Concen: 26.245 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

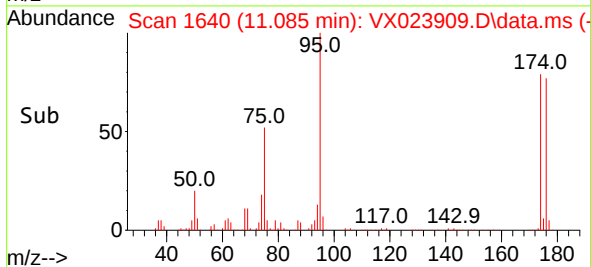
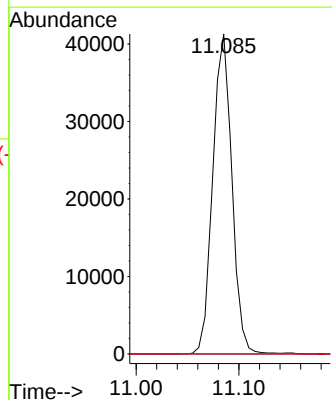
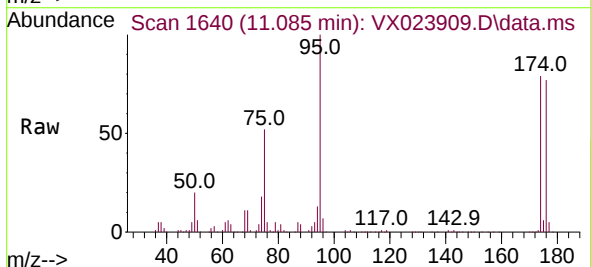
Instrument :
MSVOA_X
ClientSampled :

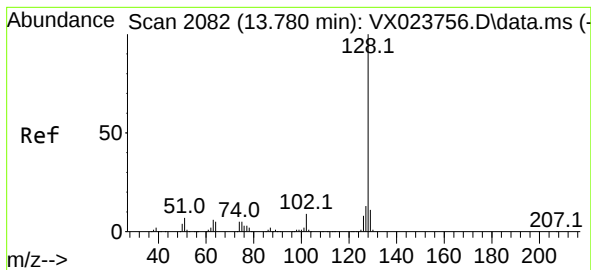
Tgt Ion: 75 Resp: 53300
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.201 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

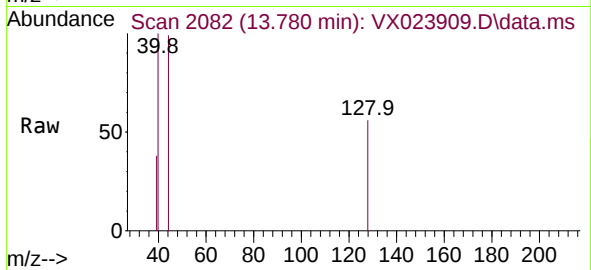
Tgt Ion: 75 Resp: 53300
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023909.D
Acq: 23 Aug 2021 19:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 126
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

