

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037859.D
 Acq On : 21 Sep 2023 16:46
 Operator : JC/MD
 Sample : 04574-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

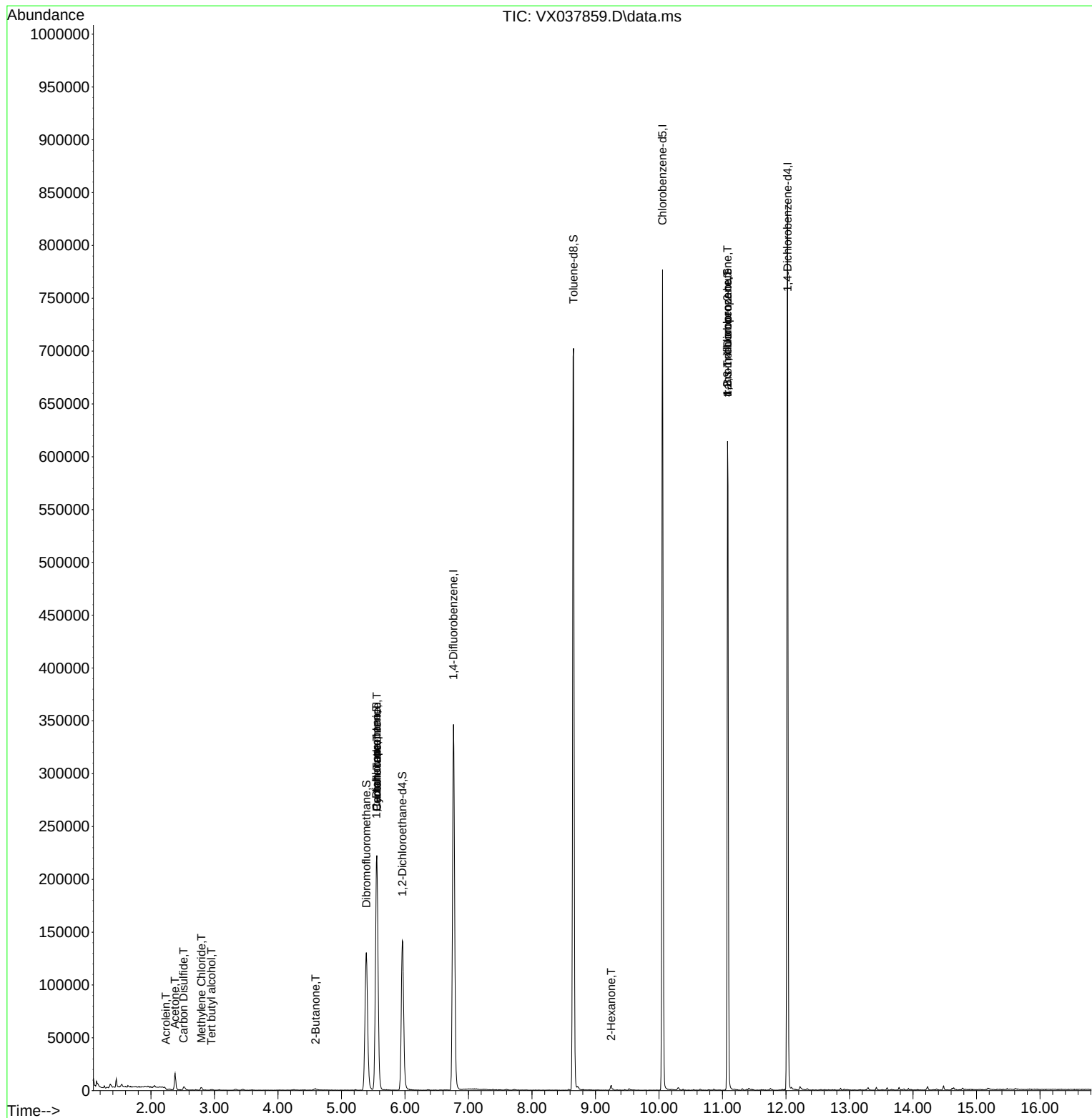
Internal Standards						
1) Pentafluorobenzene	5.556	168	212484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	362806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134463	48.165	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.340%		
35) Dibromofluoromethane	5.391	113	114419	47.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	8.653	98	442550	49.064	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.079	95	163328	49.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	737	1.230	ug/l #	78
13) Acrolein	2.233	56	282	0.476	ug/l #	82
16) Acetone	2.380	43	15785	11.754	ug/l #	85
17) Carbon Disulfide	2.514	76	2759	0.531	ug/l	96
20) Methylene Chloride	2.794	84	1340	0.515	ug/l #	84
25) 2-Butanone	4.593	43	2633	1.389	ug/l	94
31) Cyclohexane	5.556	56	4540	1.267	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16395	4.903	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21730	6.210	ug/l #	13
59) 2-Hexanone	9.244	43	2758	0.950	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	82748	19.859	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82748	63.617	ug/l #	5

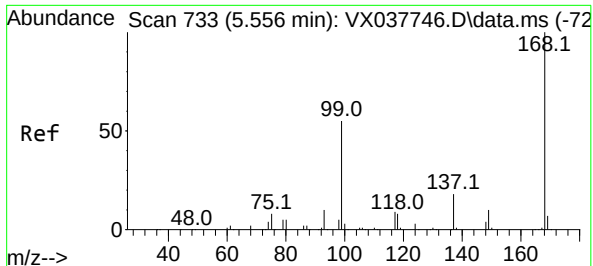
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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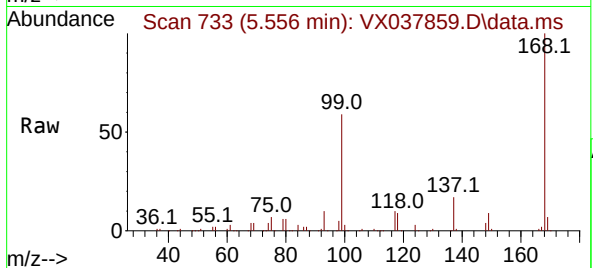


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

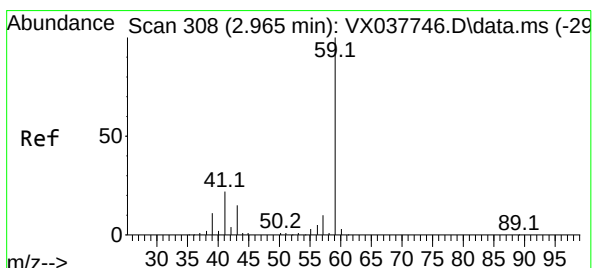
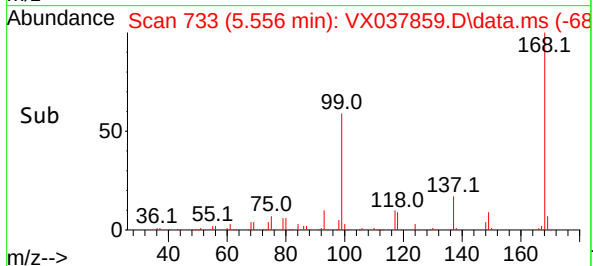
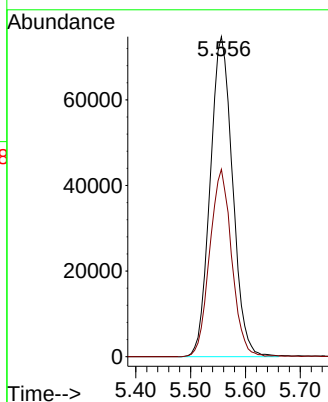
Instrument :

MSVOA_X

ClientSampleId :

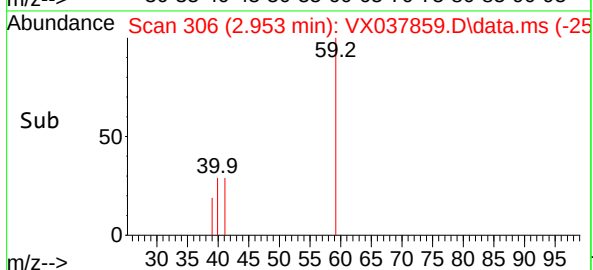
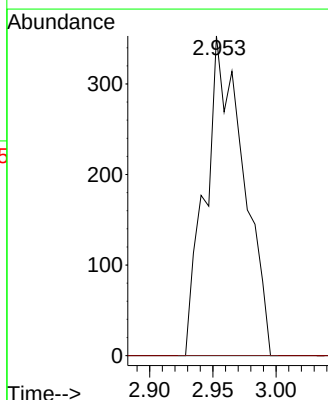
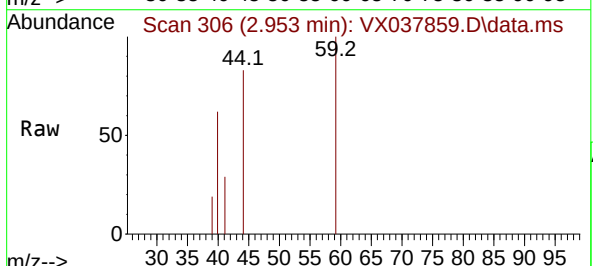


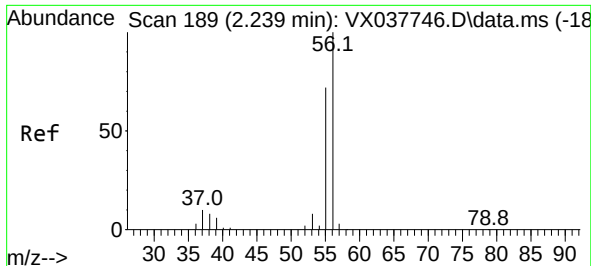
Tgt Ion:168 Resp: 212484
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.230 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 59 Resp: 737
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

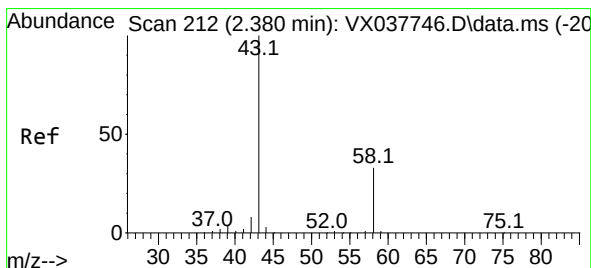
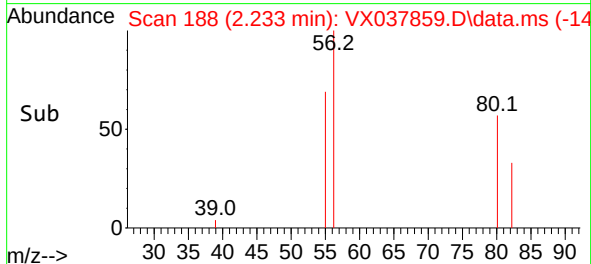
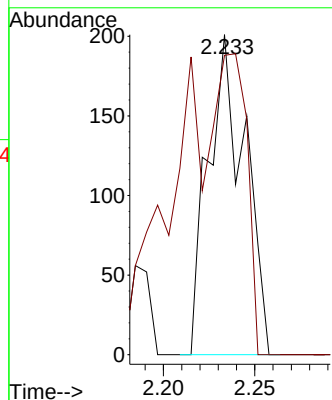
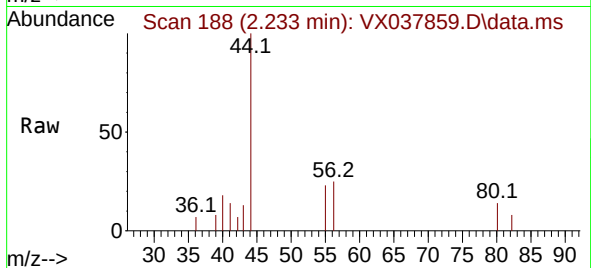




#13
Acrolein
Concen: 0.476 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

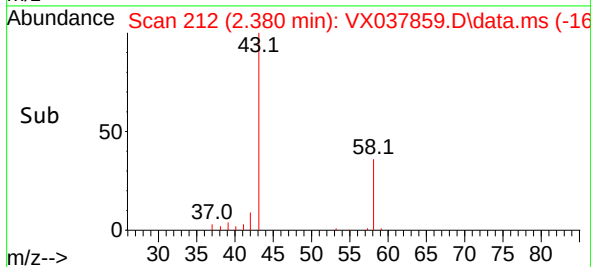
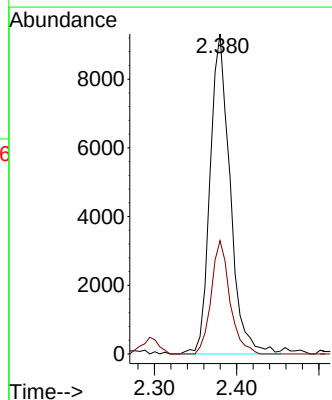
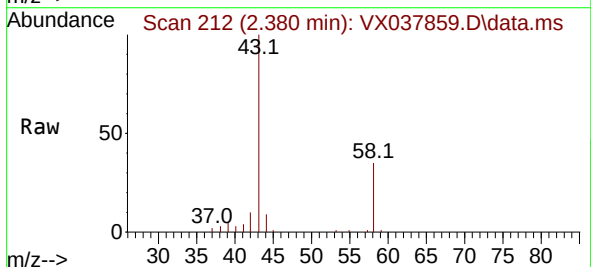
Instrument :
MSVOA_X
ClientSampleId :

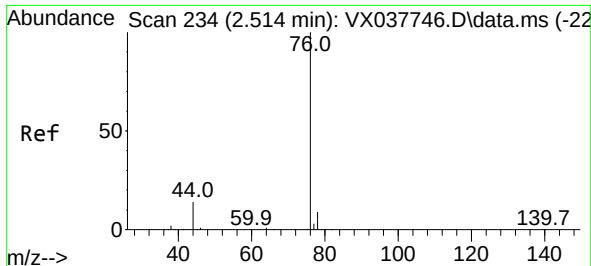
Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 86.5 57.1 85.7#



#16
Acetone
Concen: 11.754 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 43 Resp: 15785
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#

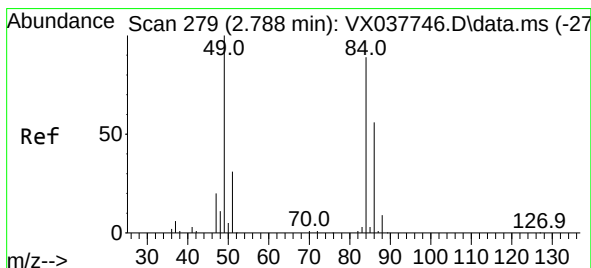
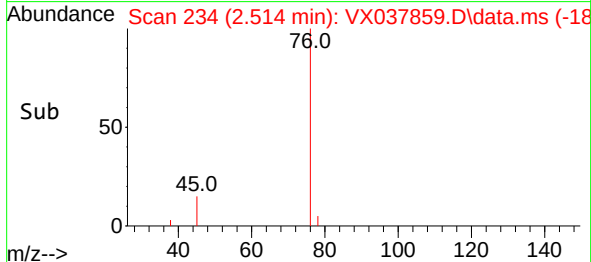
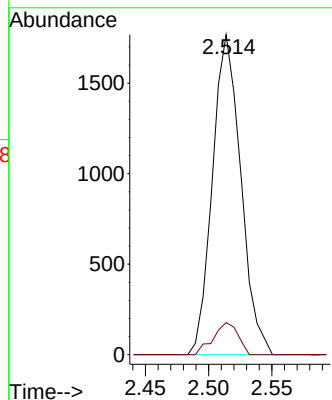
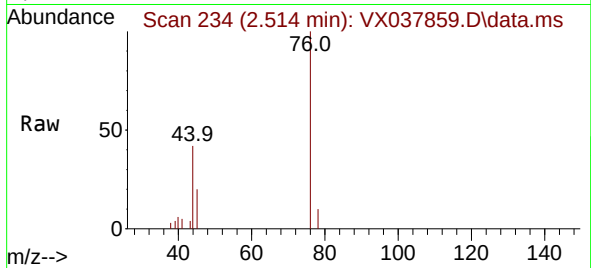




#17
Carbon Disulfide
Concen: 0.531 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

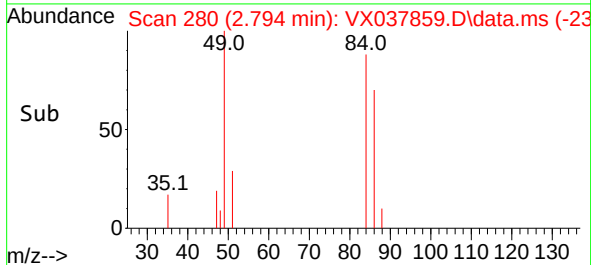
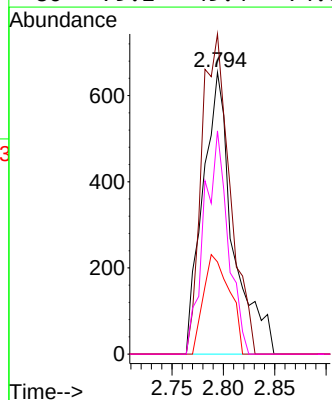
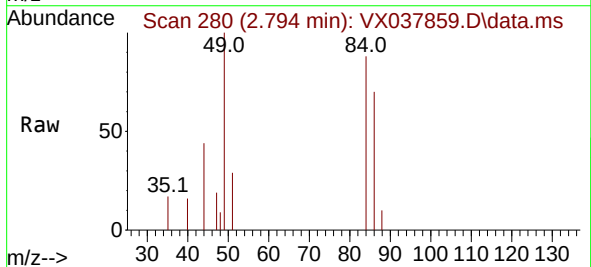
Instrument :
MSVOA_X
ClientSampleId :

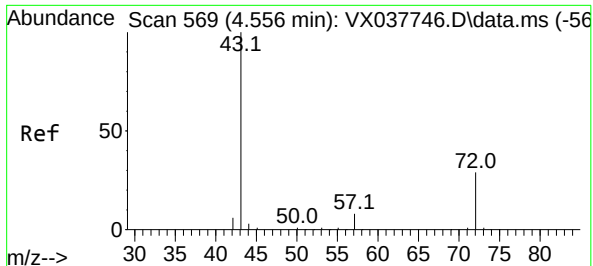
Tgt Ion: 76 Resp: 2759
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6



#20
Methylene Chloride
Concen: 0.515 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 84 Resp: 1340
Ion Ratio Lower Upper
84 100
49 113.6 103.6 155.4
51 32.7 33.8 50.6#
86 79.2 49.4 74.0#





#25

2-Butanone

Concen: 1.389 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX037859.D

Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_X

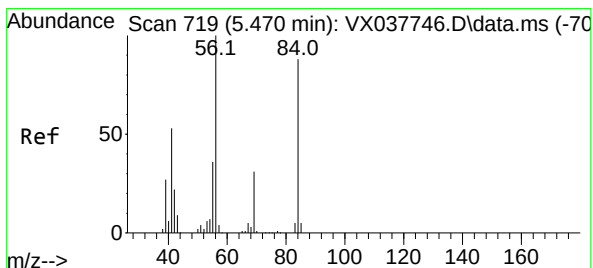
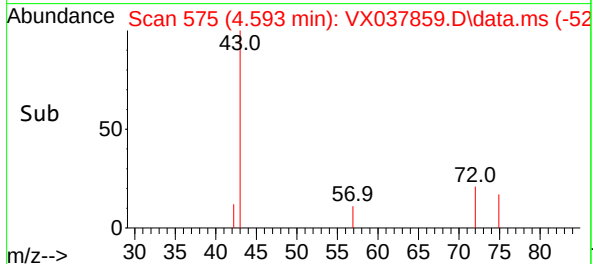
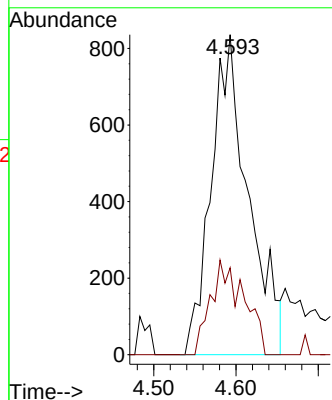
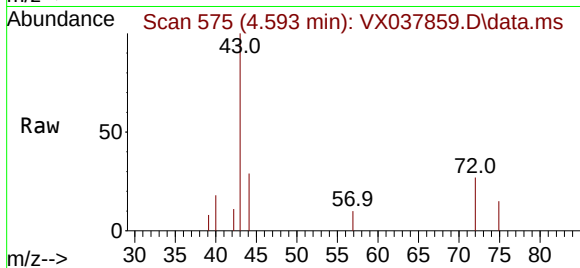
ClientSampleId :

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

43 100

72 27.2 19.4 29.2



#31

Cyclohexane

Concen: 1.267 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX037859.D

Acq: 21 Sep 2023 16:46

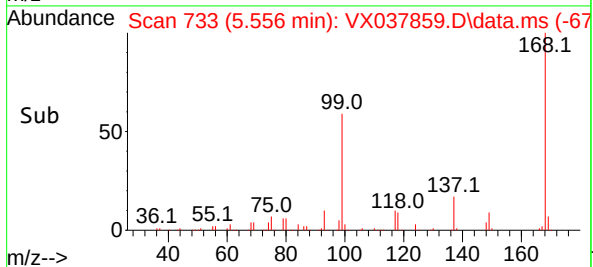
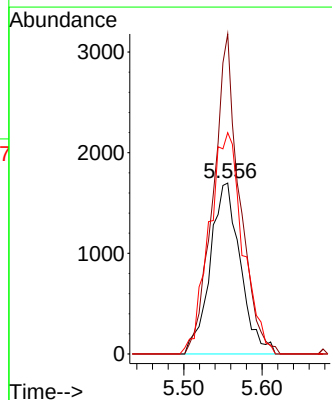
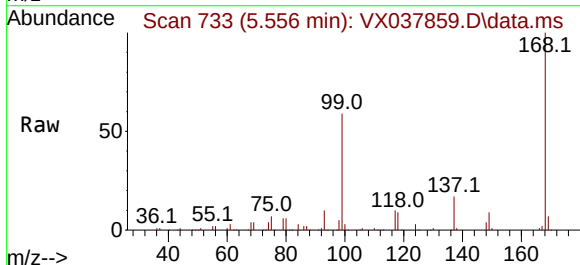
Tgt Ion: 56 Resp: 4540

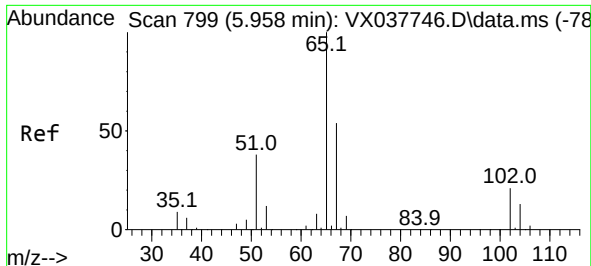
Ion Ratio Lower Upper

56 100

69 187.3 23.4 35.2#

84 129.5 65.9 98.9#

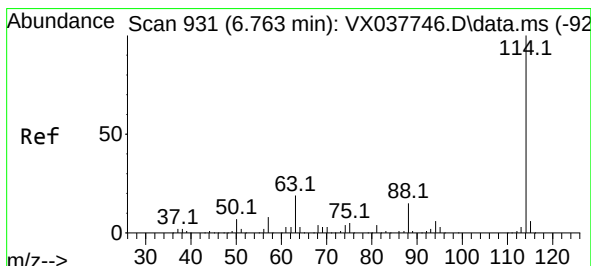
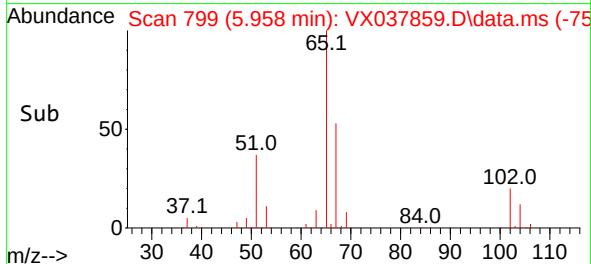
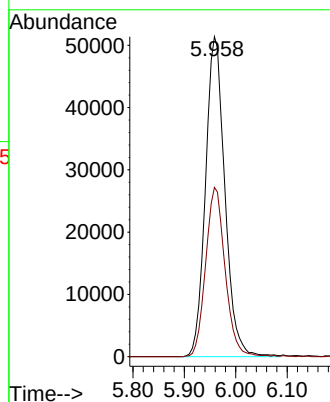
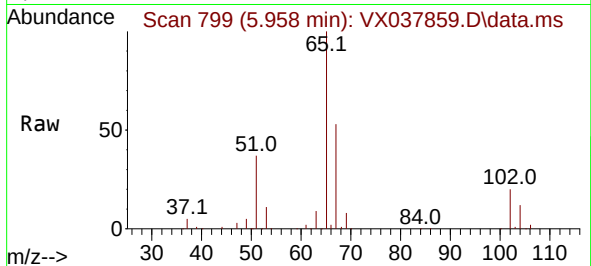




#33
 1,2-Dichloroethane-d4
 Concen: 48.165 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037859.D
 Acq: 21 Sep 2023 16:46

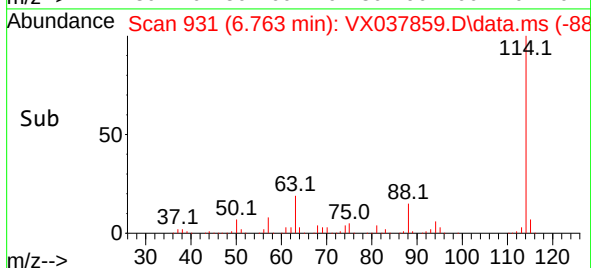
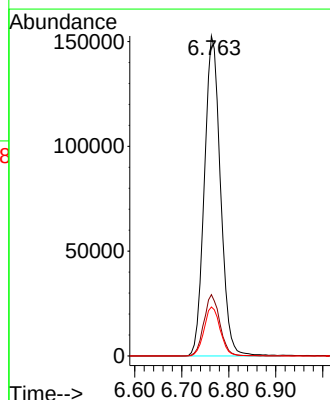
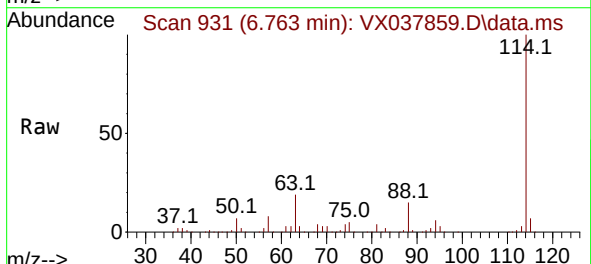
Instrument :
 MSVOA_X
 ClientSampleId :

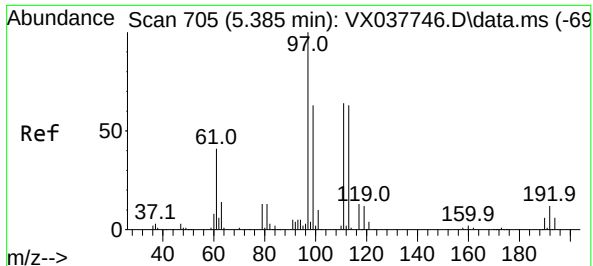
Tgt Ion: 65 Resp: 134463
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037859.D
 Acq: 21 Sep 2023 16:46

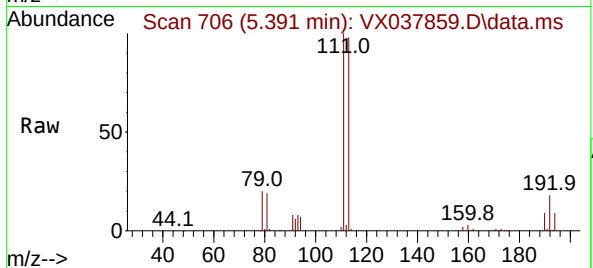
Tgt Ion: 114 Resp: 362806
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 15.3 0.0 36.6



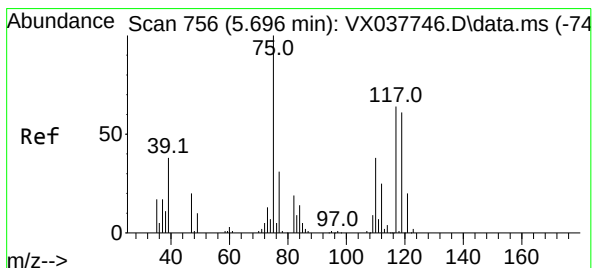
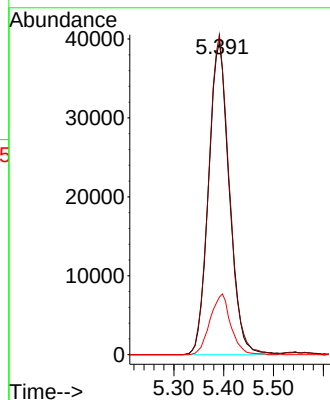
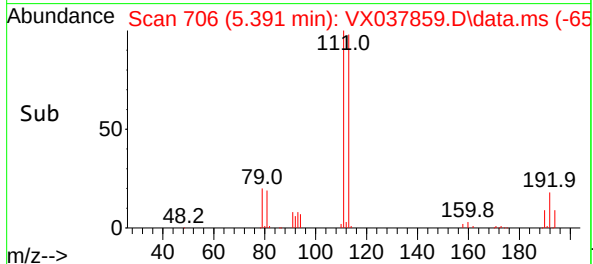


#35
Dibromofluoromethane
Concen: 47.133 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :

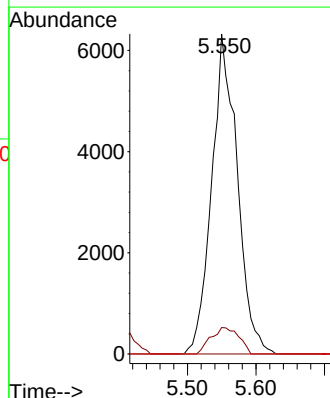
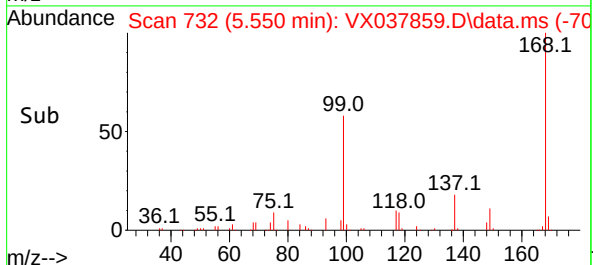
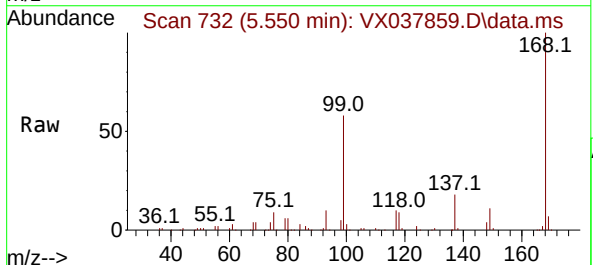


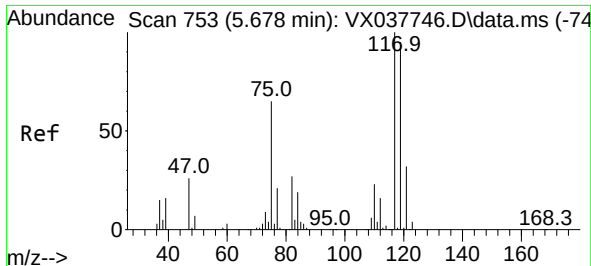
Tgt Ion:113 Resp: 114419
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

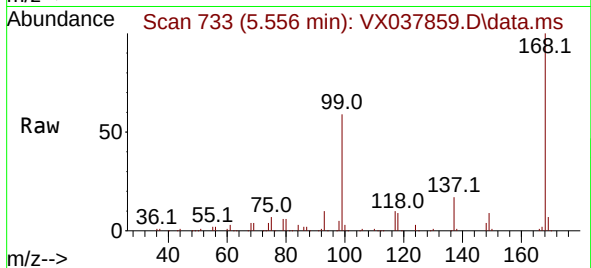
Tgt Ion: 75 Resp: 16395
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



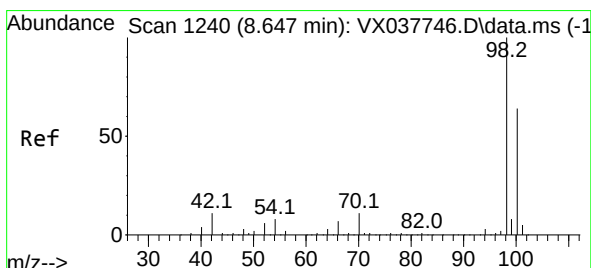
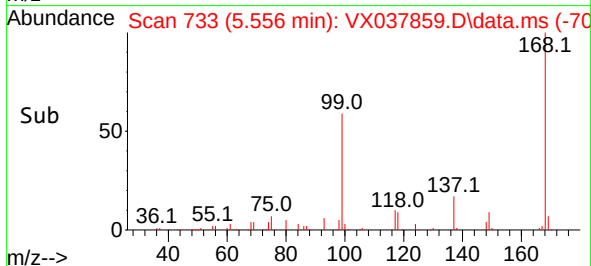
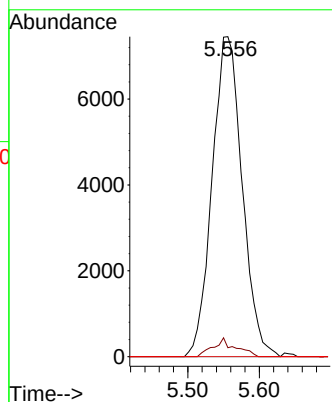


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :

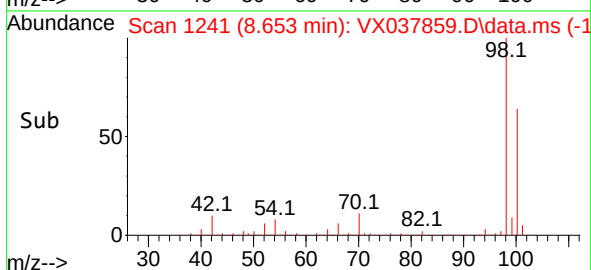
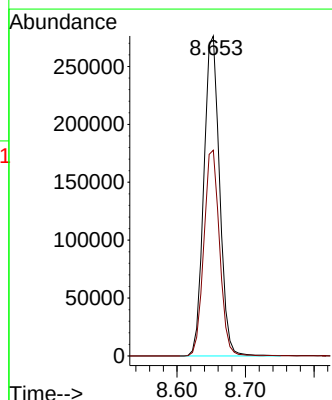
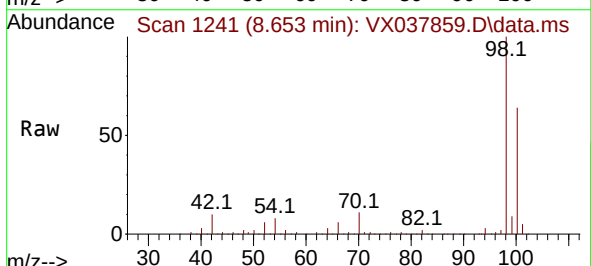


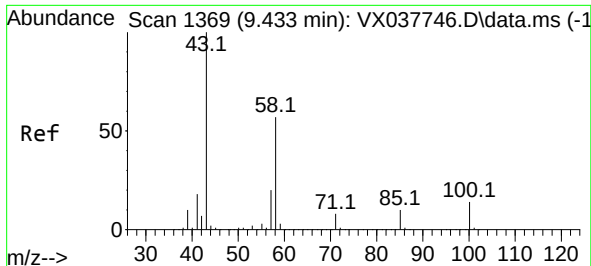
Tgt Ion:117 Resp: 21730
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.064 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 98 Resp: 442550
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#59

2-Hexanone

Concen: 0.950 ug/l

RT: 9.244 min Scan# 11

Delta R.T. -0.189 min

Lab File: VX037859.D

Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_X

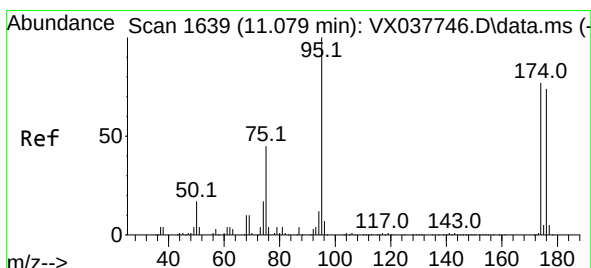
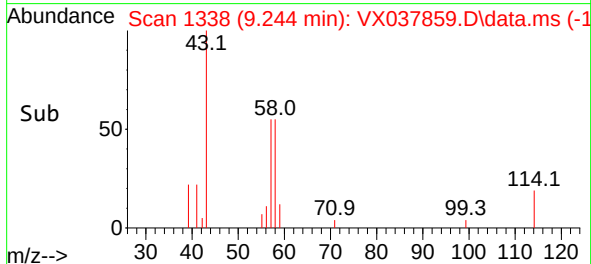
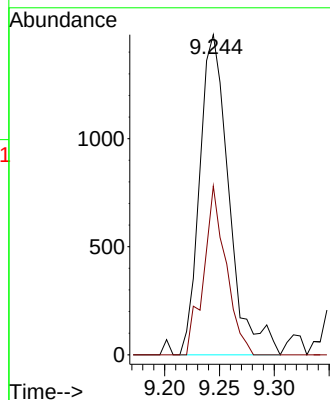
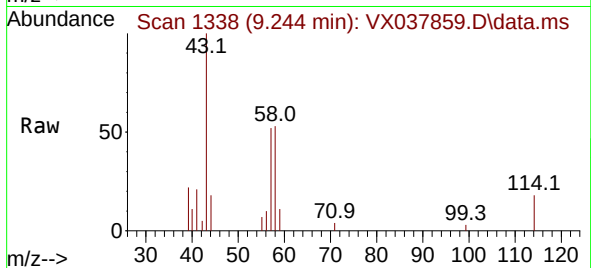
ClientSampleId :

Tgt Ion: 43 Resp: 2758

Ion Ratio Lower Upper

43 100

58 40.1 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 49.831 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037859.D

Acq: 21 Sep 2023 16:46

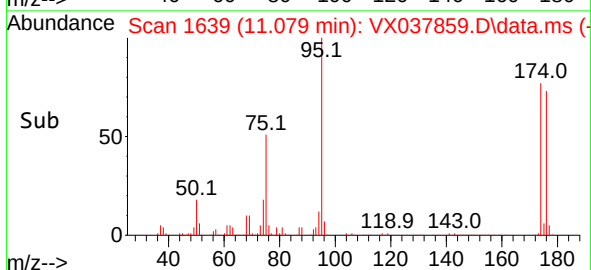
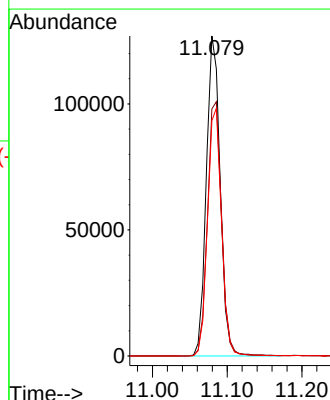
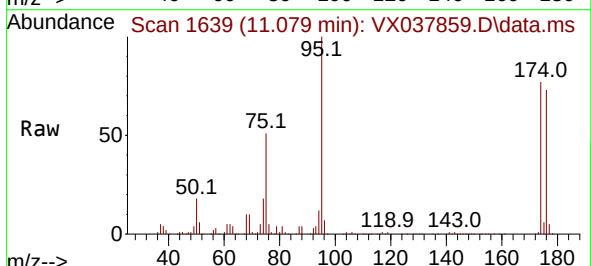
Tgt Ion: 95 Resp: 163328

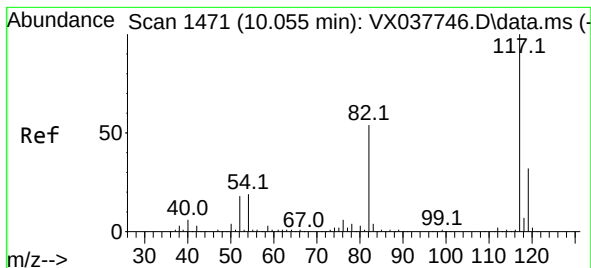
Ion Ratio Lower Upper

95 100

174 81.4 0.0 135.6

176 78.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037859.D

Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

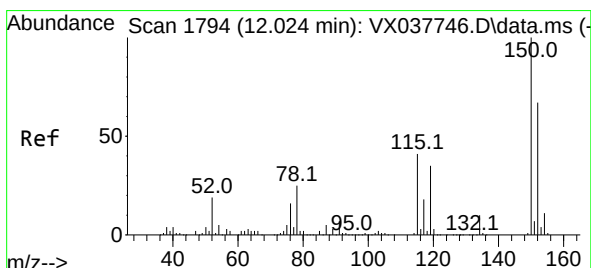
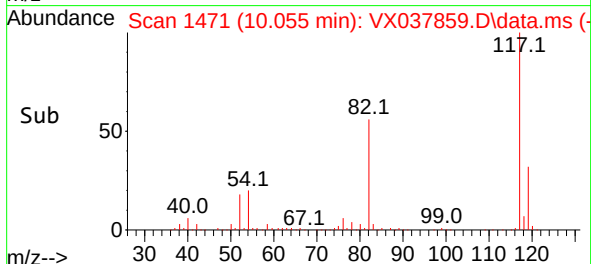
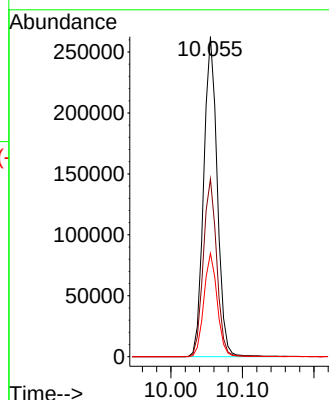
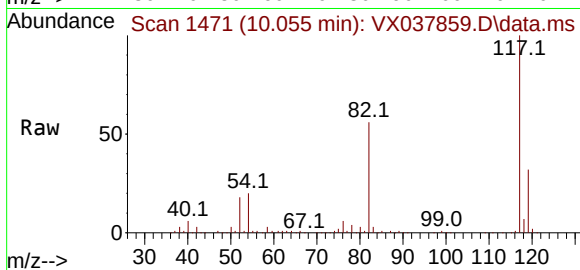
Tgt Ion:117 Resp: 346166

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037859.D

Acq: 21 Sep 2023 16:46

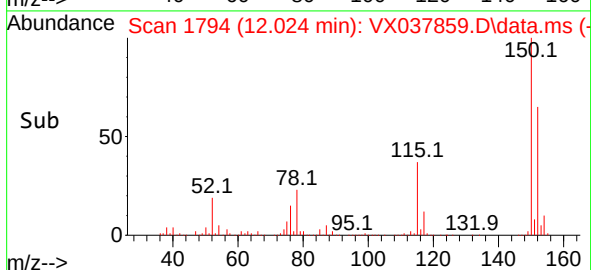
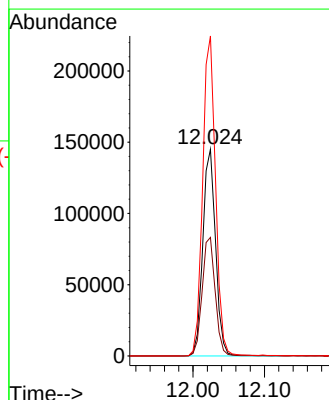
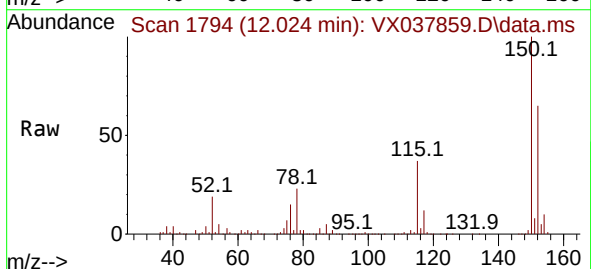
Tgt Ion:152 Resp: 180150

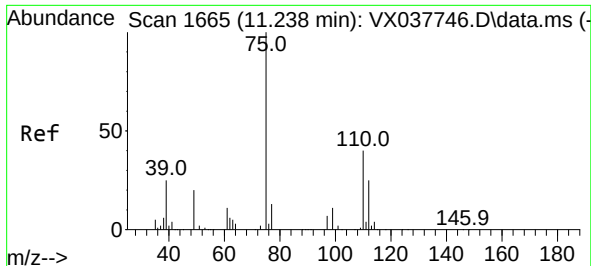
Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 155.5 0.0 345.0

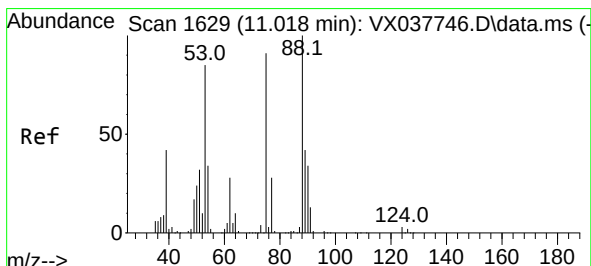
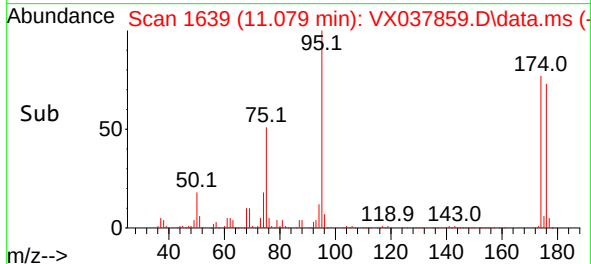
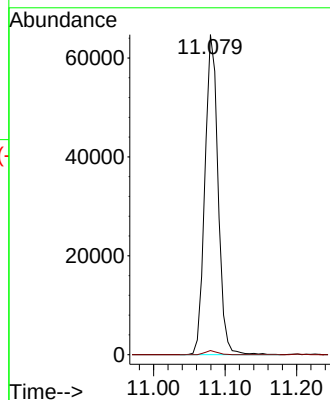
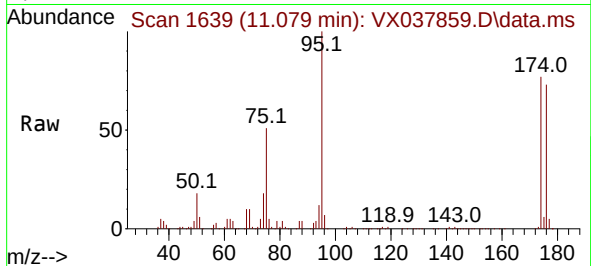




#76
1,2,3-Trichloropropane
Concen: 19.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82748
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 75 Resp: 82748
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

