

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037779.D
 Acq On : 18 Sep 2023 16:04
 Operator : JC/MD
 Sample : 04437-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 17:57:47 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)

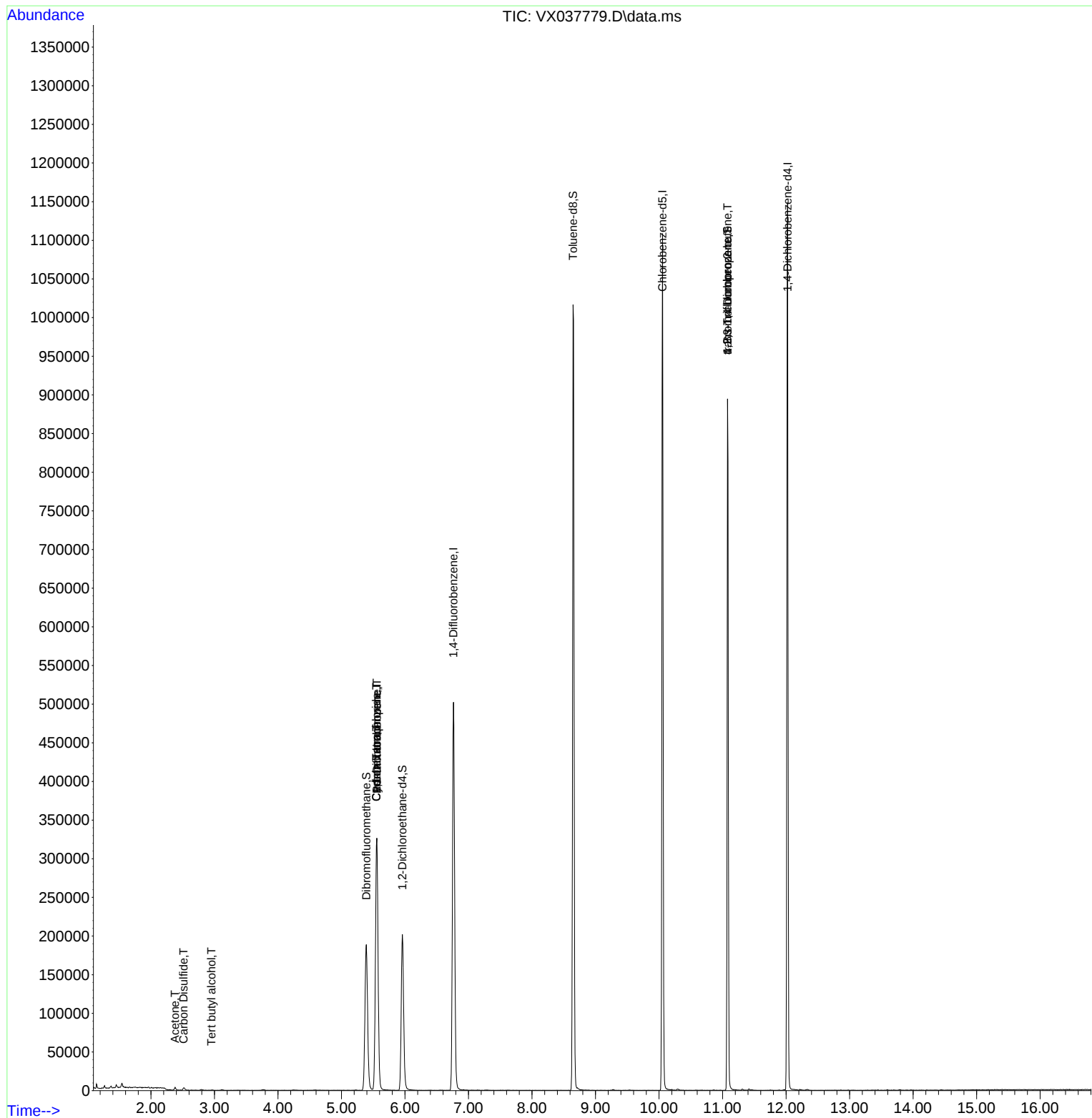
Internal Standards						
1) Pentafluorobenzene	5.556	168	316964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192348	46.188	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.380%	
35) Dibromofluoromethane	5.391	113	165169	46.714	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.420%	
50) Toluene-d8	8.647	98	626921	47.720	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.440%	
62) 4-Bromofluorobenzene	11.079	95	233306	48.871	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	451	0.505	ug/l #	78
16) Acetone	2.379	43	3344	1.669	ug/l #	86
17) Carbon Disulfide	2.514	76	3406	0.439	ug/l	97
31) Cyclohexane	5.550	56	6724	1.258	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23885	4.904	ug/l #	51
38) Carbon Tetrachloride	5.550	117	32402	6.358	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	119870	21.071	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	119870	67.498	ug/l #	5

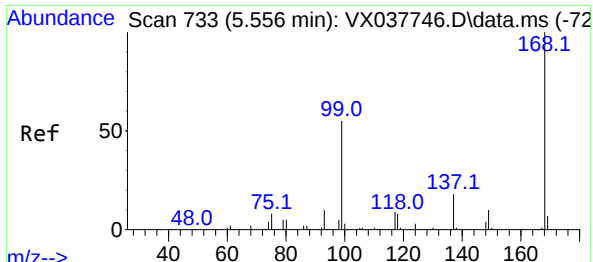
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

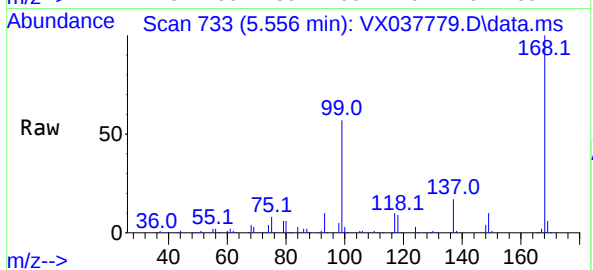
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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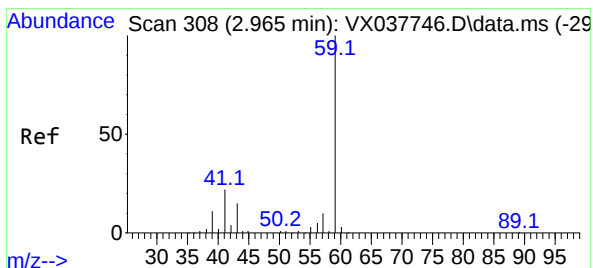
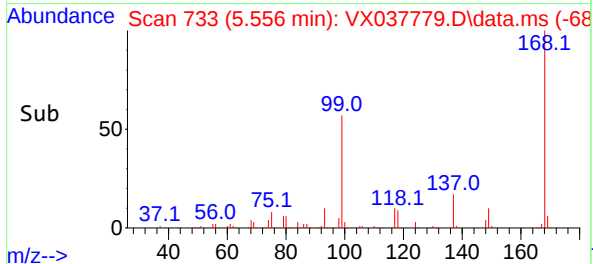
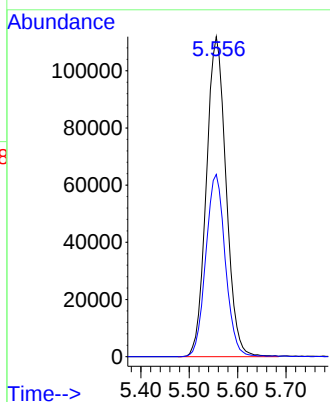


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

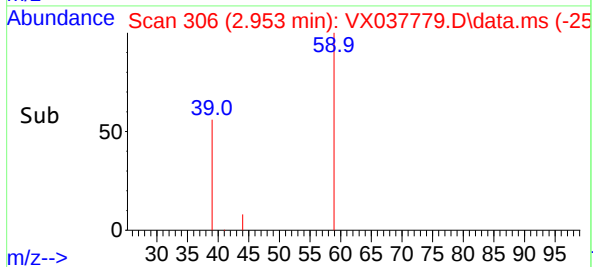
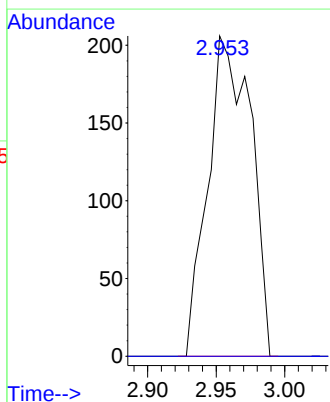
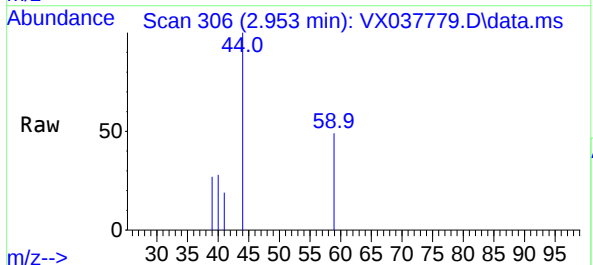


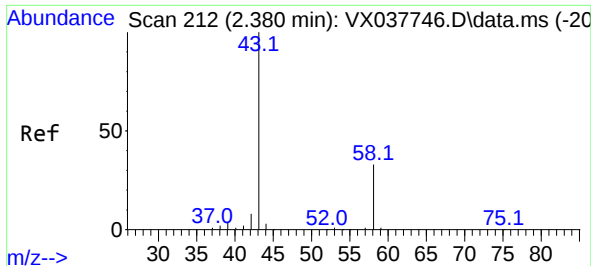
Tgt Ion:168 Resp: 316964
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.505 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Tgt Ion: 59 Resp: 451
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

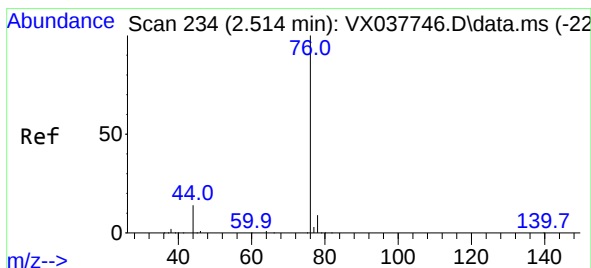
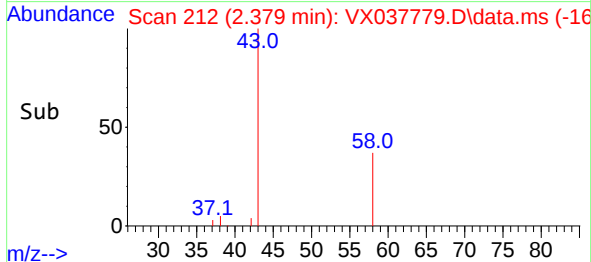
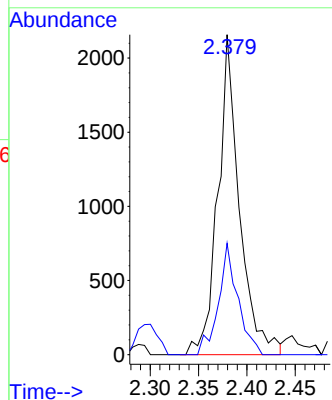
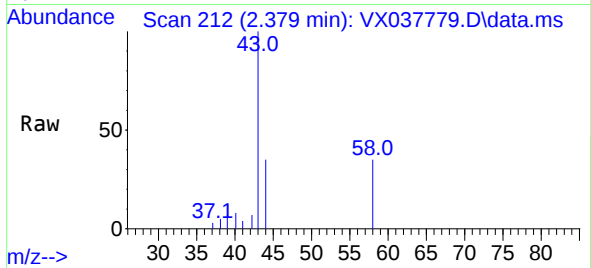




#16
Acetone
Concen: 1.669 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

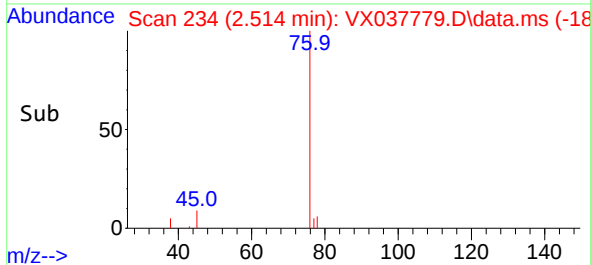
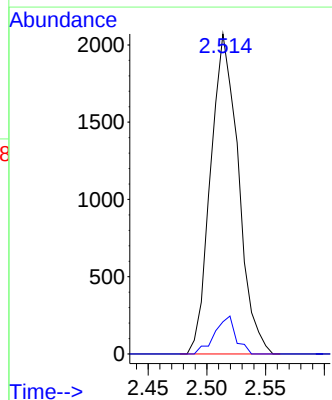
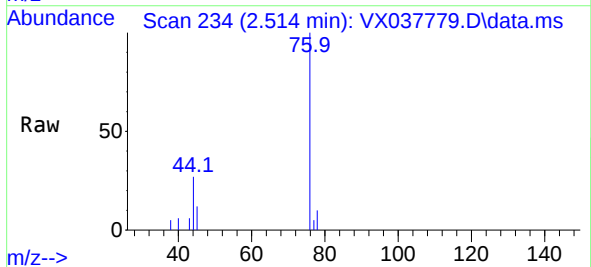
Instrument :
MSVOA_X
ClientSampleId :

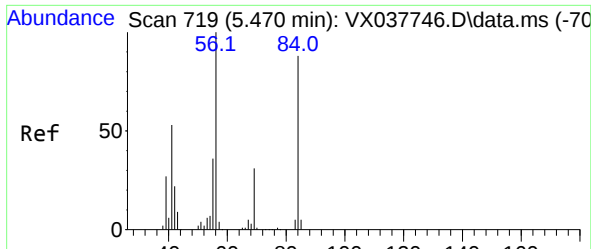
Tgt Ion: 43 Resp: 3344
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

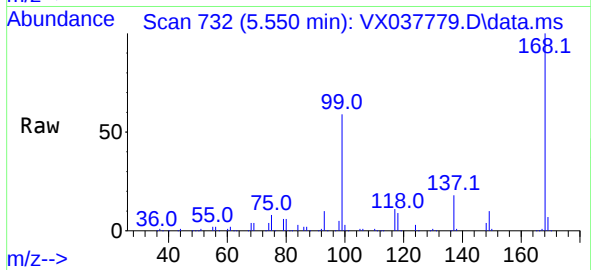
Tgt Ion: 76 Resp: 3406
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



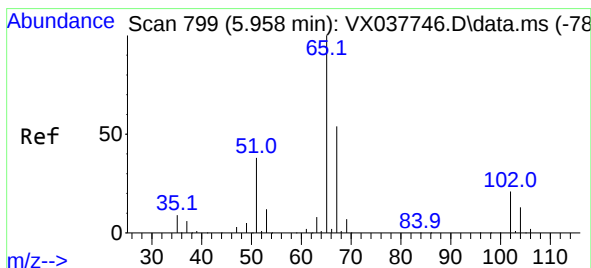
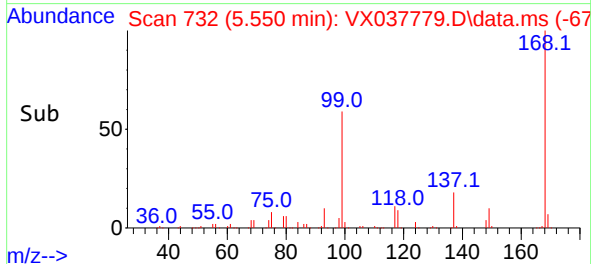
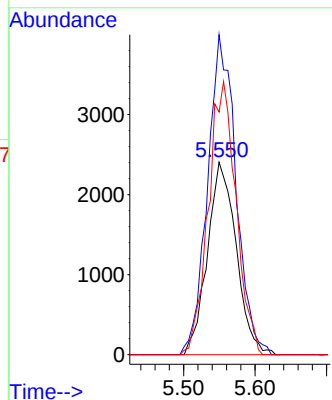


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

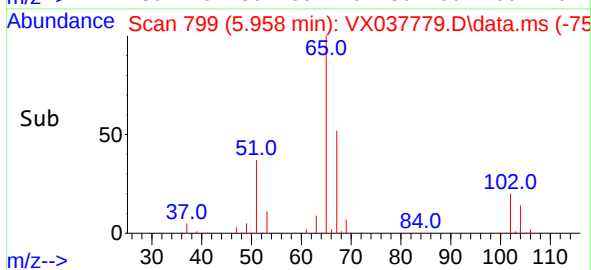
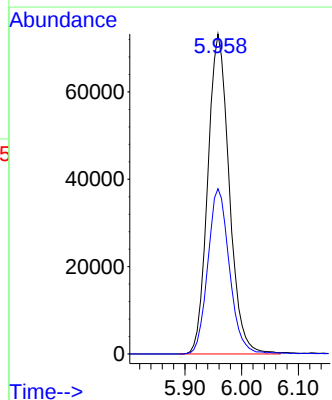
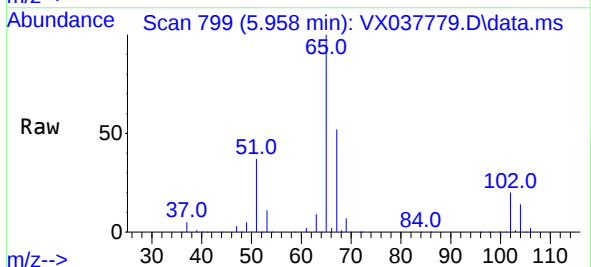


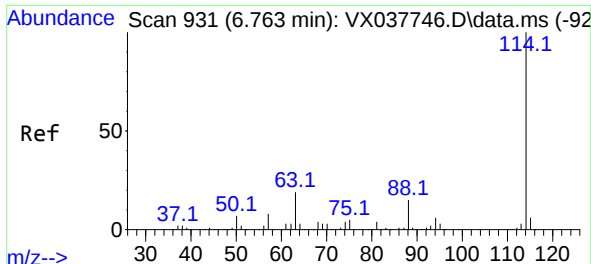
Tgt Ion: 56 Resp: 6724
Ion Ratio Lower Upper
56 100
69 166.2 23.4 35.2#
84 126.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.188 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Tgt Ion: 65 Resp: 192348
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

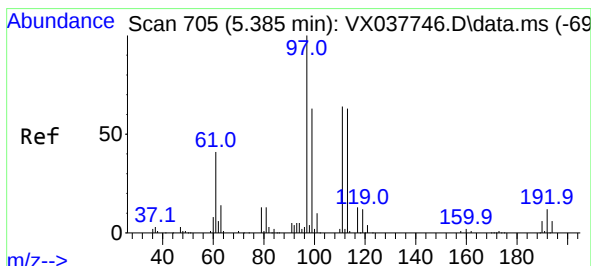
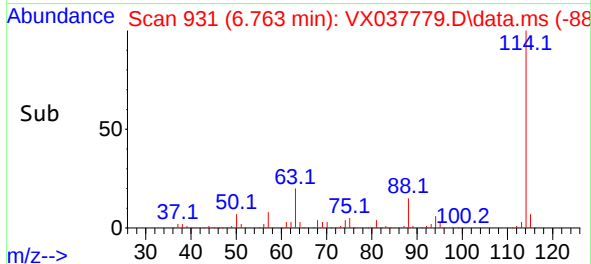
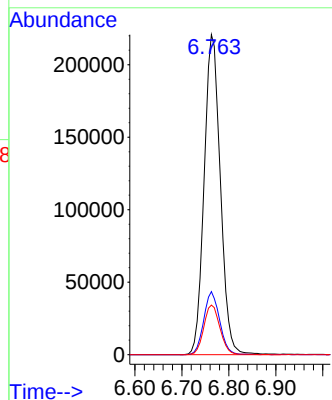
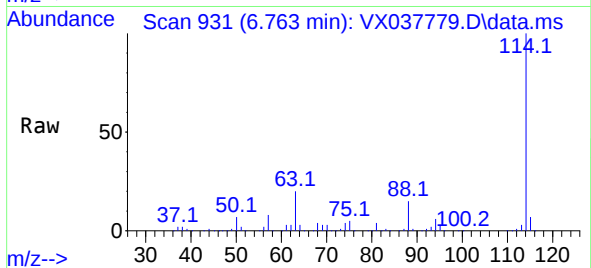




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

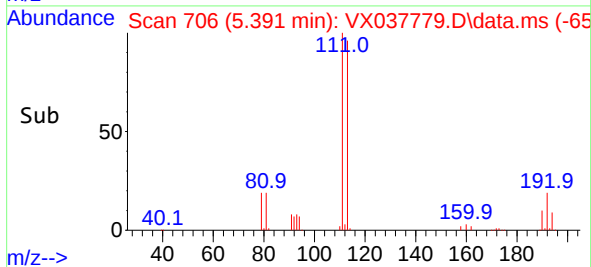
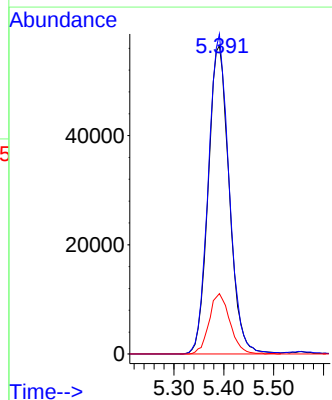
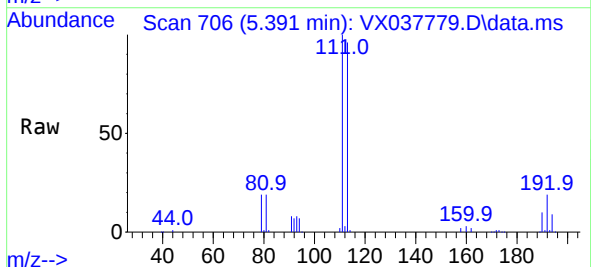
Instrument :
MSVOA_X
ClientSampleId :

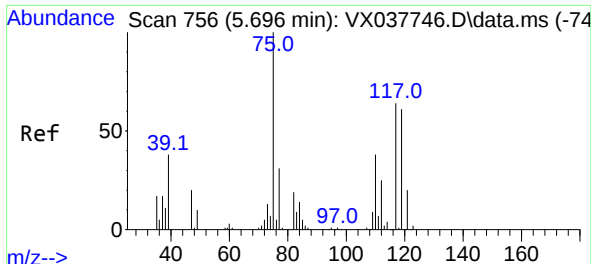
Tgt Ion:114 Resp: 528428
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.714 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Tgt Ion:113 Resp: 165169
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.4 13.3 19.9

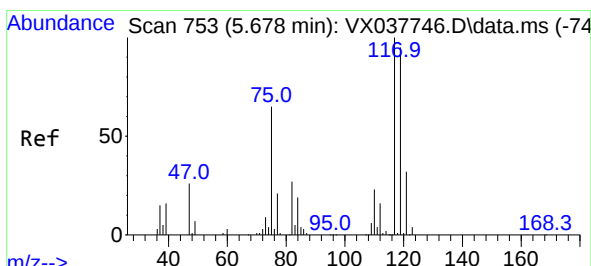
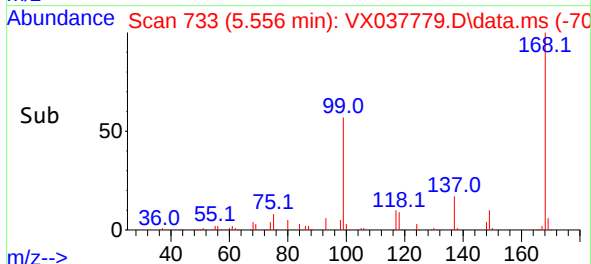
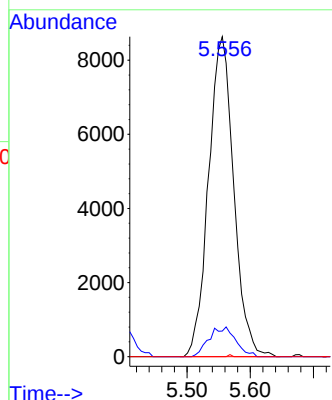
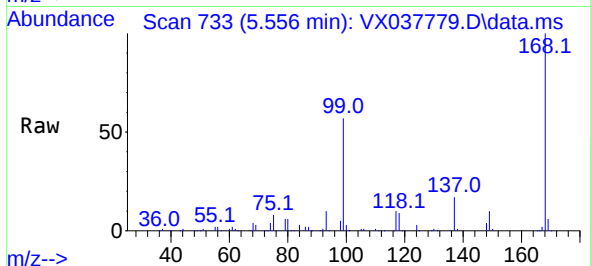




#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

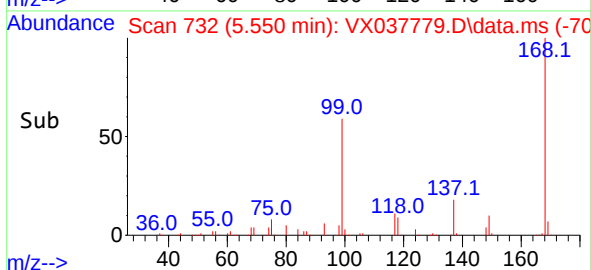
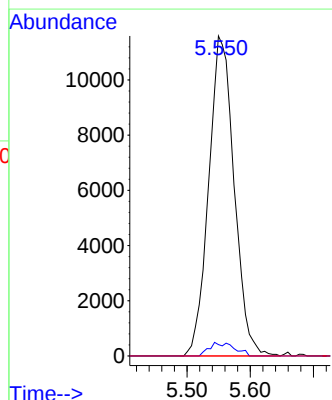
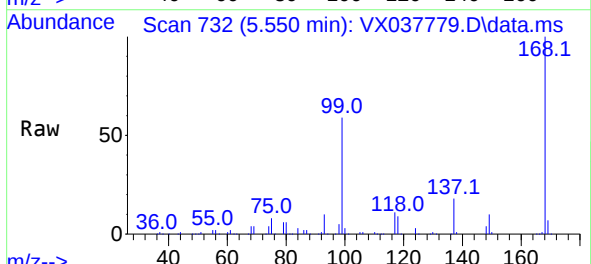
Instrument :
MSVOA_X
ClientSampleId :

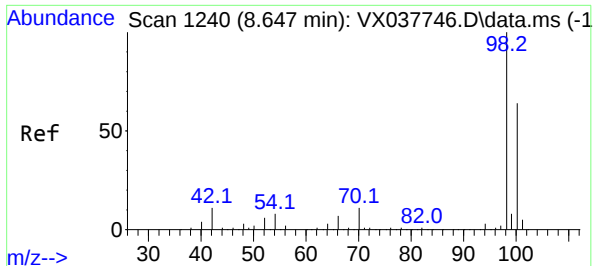
Tgt Ion: 75 Resp: 23885
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.1 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.358 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Tgt Ion: 117 Resp: 32402
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.720 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037779.D

Acq: 18 Sep 2023 16:04

Instrument :

MSVOA_X

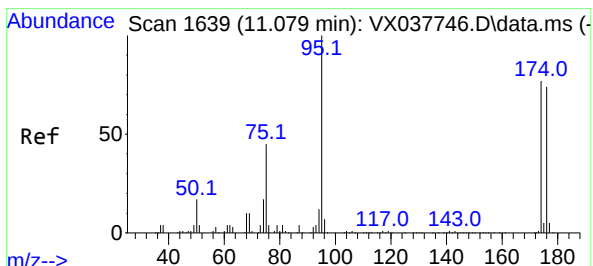
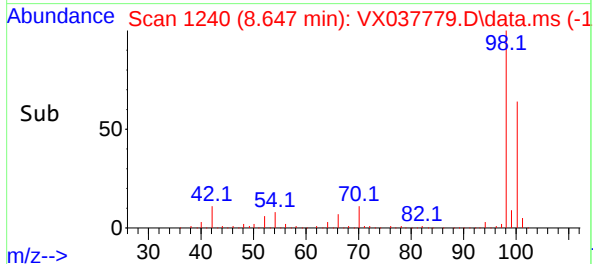
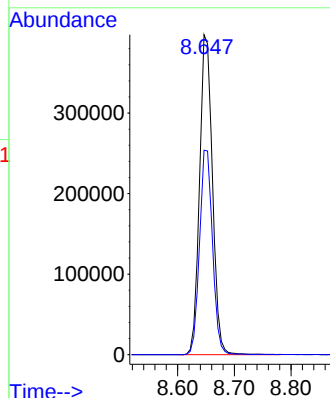
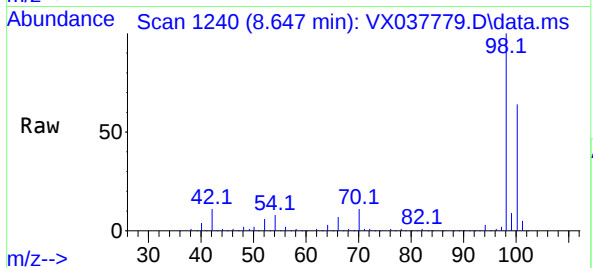
ClientSampleId :

Tgt Ion: 98 Resp: 626921

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.871 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037779.D

Acq: 18 Sep 2023 16:04

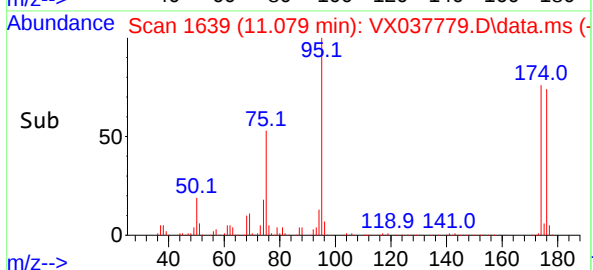
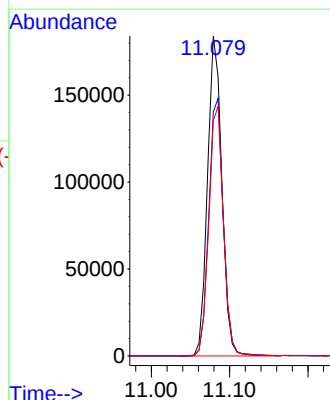
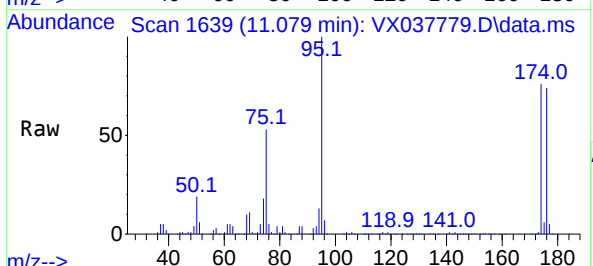
Tgt Ion: 95 Resp: 233306

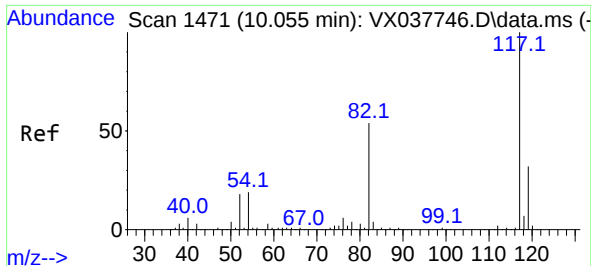
Ion Ratio Lower Upper

95 100

174 81.7 0.0 135.6

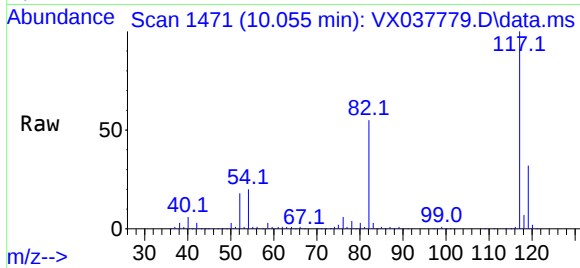
176 79.3 0.0 131.0



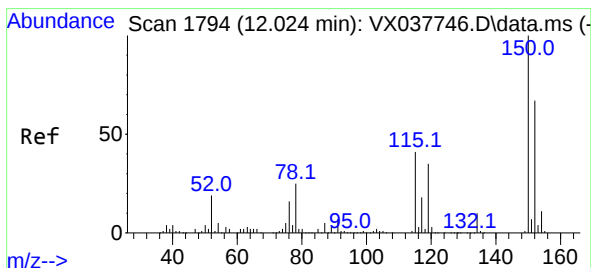
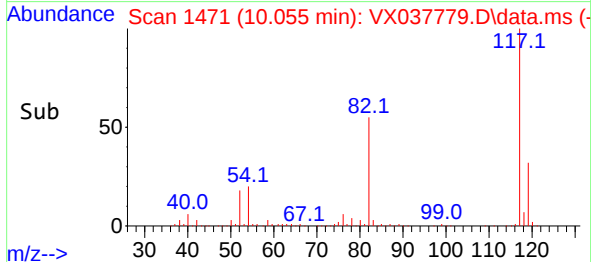
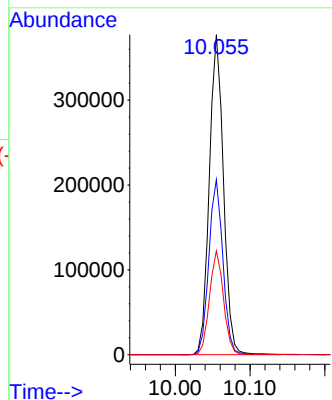


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

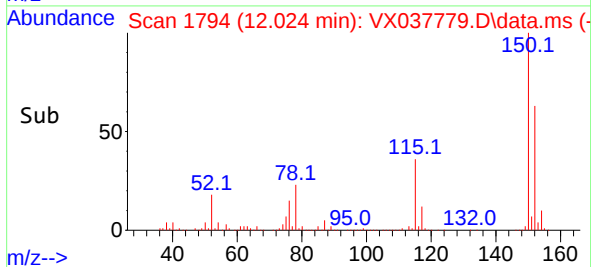
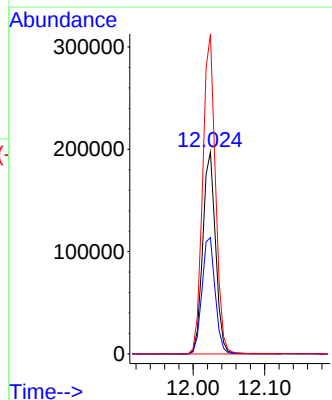
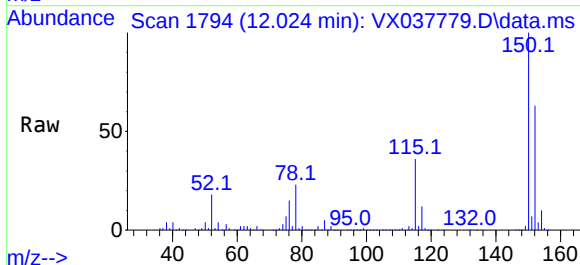


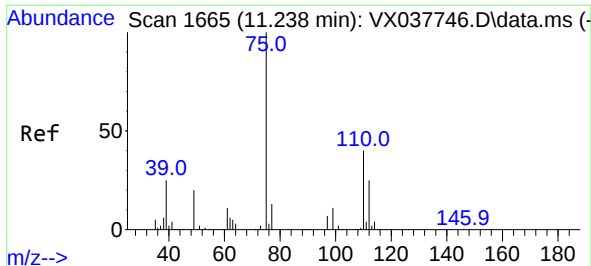
Tgt Ion:117 Resp: 495872
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Tgt Ion:152 Resp: 245964
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 157.8 0.0 345.0

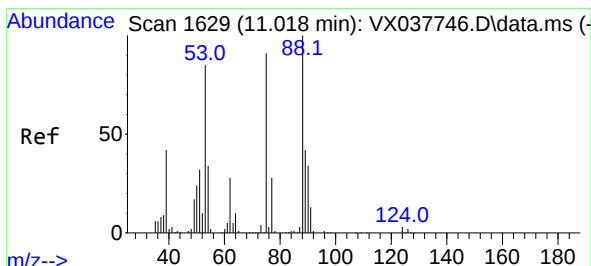
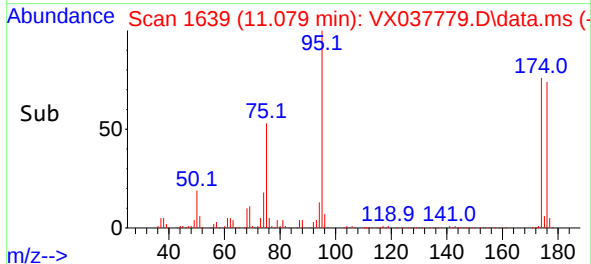
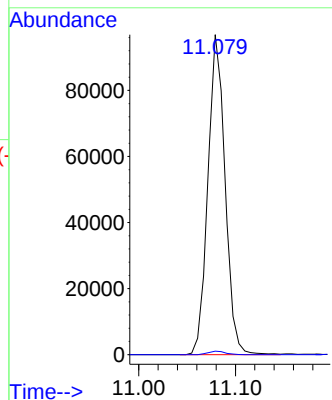
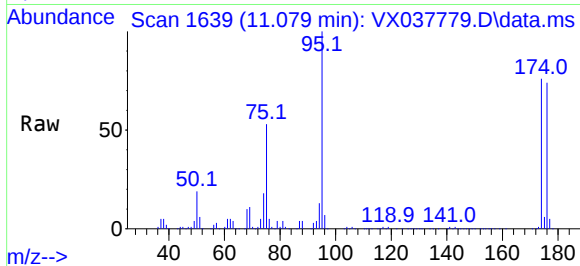




#76
1,2,3-Trichloropropane
Concen: 21.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 119870
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037779.D
Acq: 18 Sep 2023 16:04

Tgt Ion: 75 Resp: 119870
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

