

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037773.D
 Acq On : 18 Sep 2023 13:44
 Operator : JC/MD
 Sample : 04437-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 17:56:37 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)

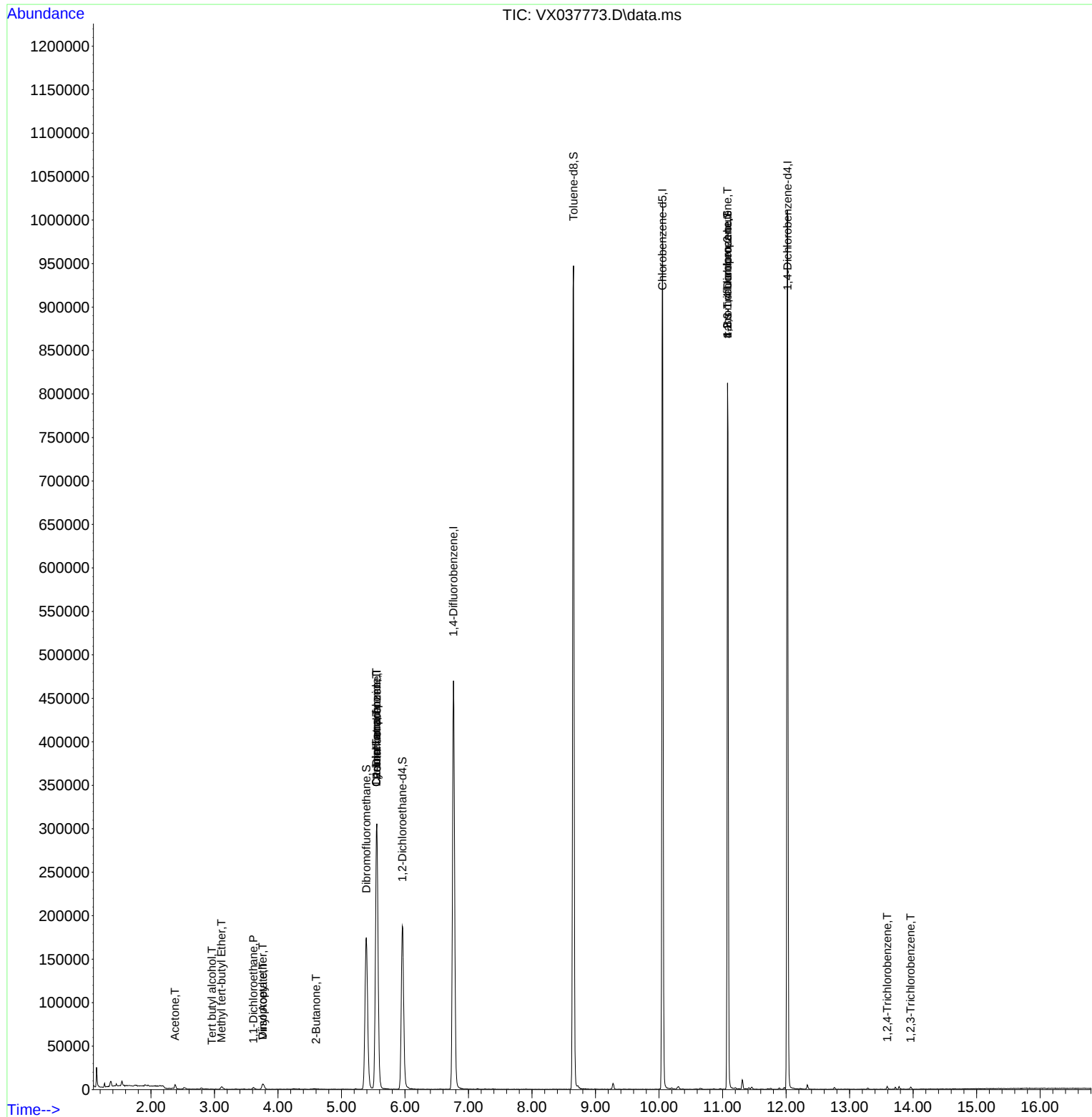
Internal Standards						
1) Pentafluorobenzene	5.556	168	297909	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	491672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178943	45.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.440%
35) Dibromofluoromethane	5.391	113	153443	46.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.653	98	585678	47.914	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	216554	48.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	177	0.211	ug/l	# 78
16) Acetone	2.380	43	5383	2.859	ug/l	# 78
19) Methyl tert-butyl Ether	3.111	73	2876	0.269	ug/l	100
22) Diisopropyl ether	3.757	45	6574	0.652	ug/l	# 67
23) Vinyl Acetate	3.763	43	3735	0.504	ug/l	# 73
24) 1,1-Dichloroethane	3.611	63	2135	0.353	ug/l	# 94
25) 2-Butanone	4.599	43	793	0.298	ug/l	# 51
31) Cyclohexane	5.550	56	6396	1.273	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	22064	4.869	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	29928	6.312	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	108500	21.554	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	108500	69.044	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	987	0.223	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	944	0.207	ug/l	91

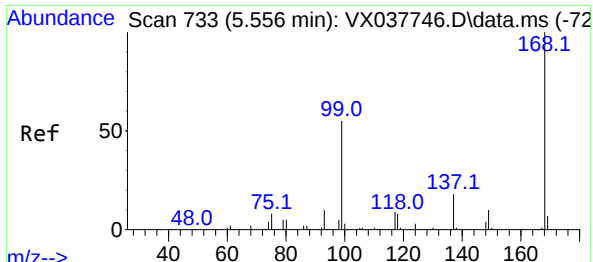
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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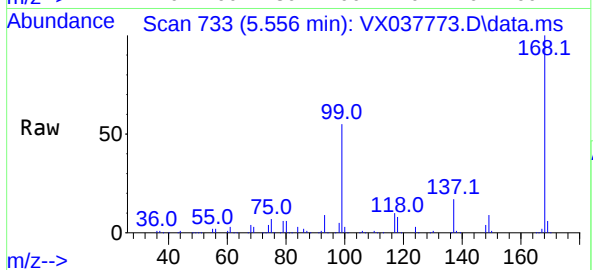
Quant Time: Sep 18 17:56:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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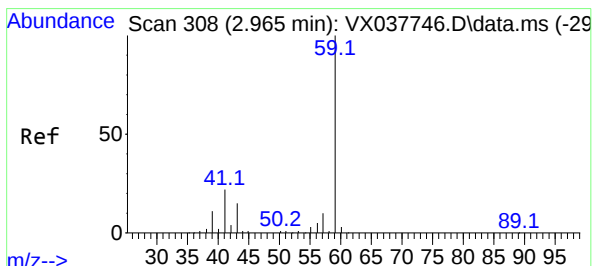
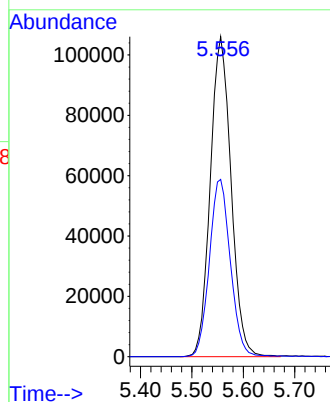
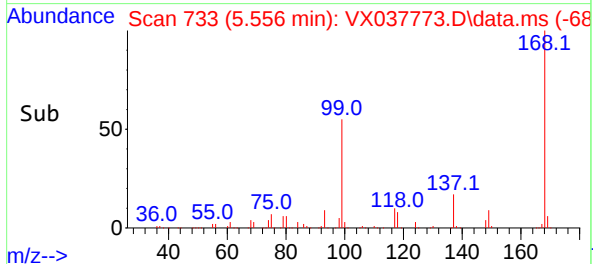


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

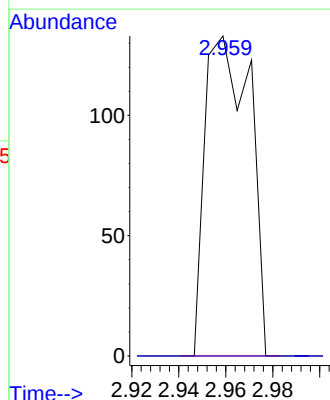
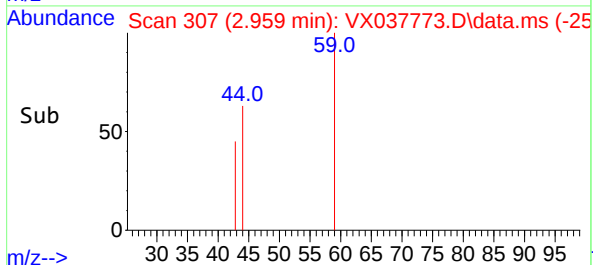
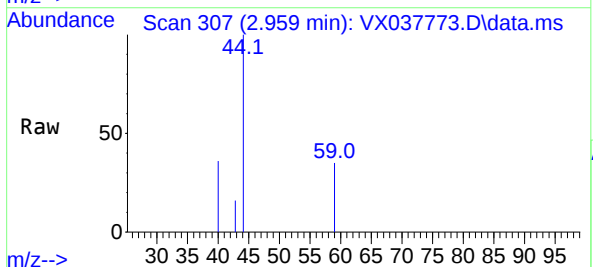


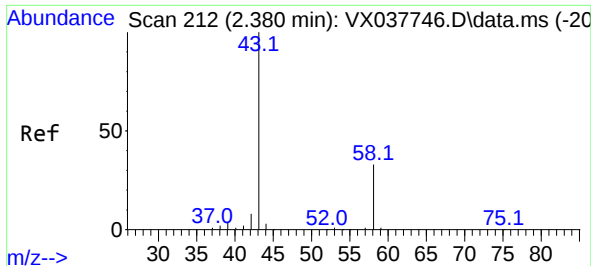
Tgt Ion:168 Resp: 297909
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.211 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

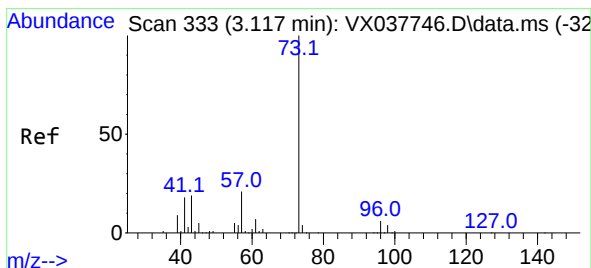
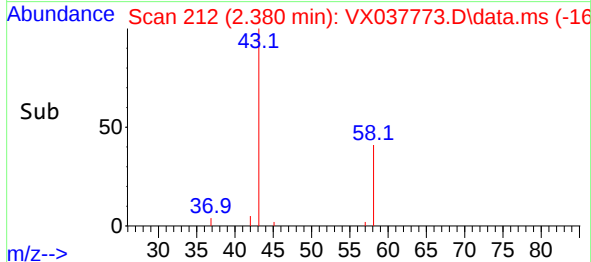
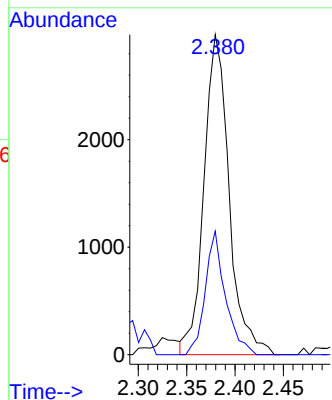
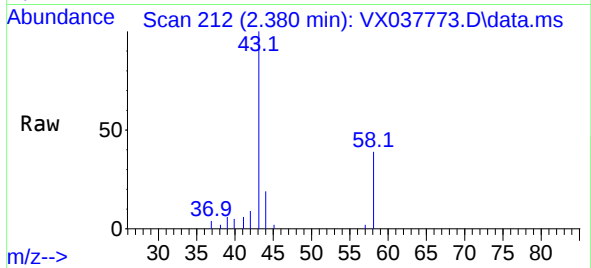




#16
Acetone
Concen: 2.859 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

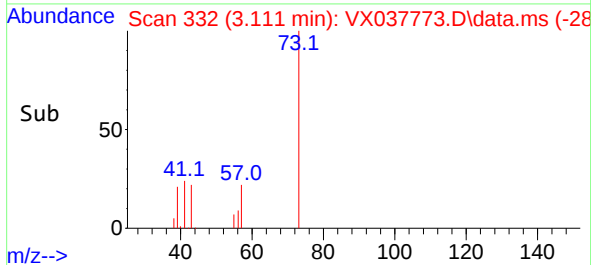
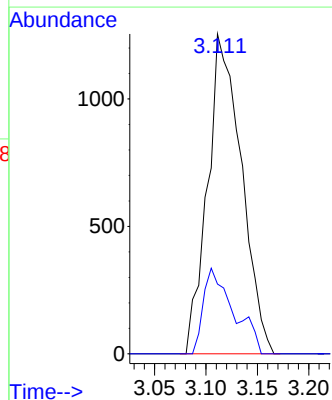
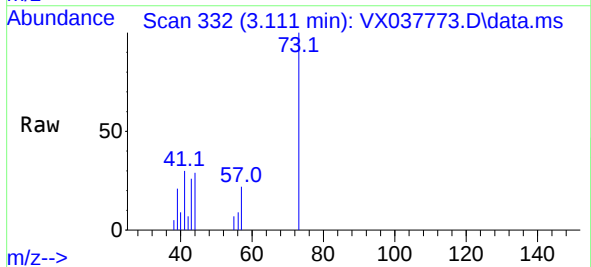
Instrument :
MSVOA_X
ClientSampleId :

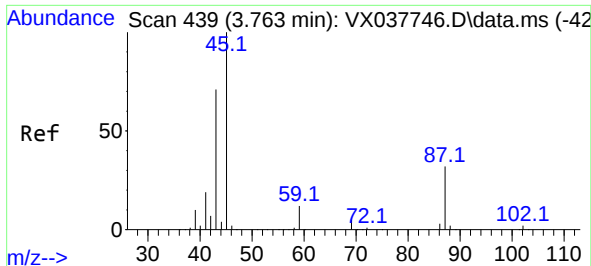
Tgt Ion: 43 Resp: 5383
Ion Ratio Lower Upper
43 100
58 38.6 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.269 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.012 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

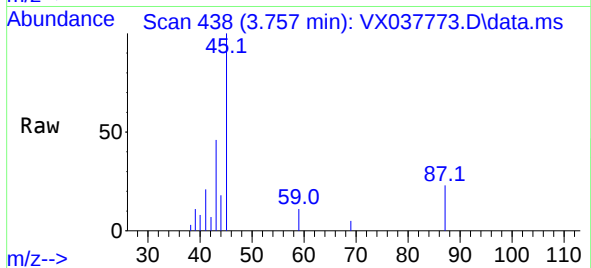
Tgt Ion: 73 Resp: 2876
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



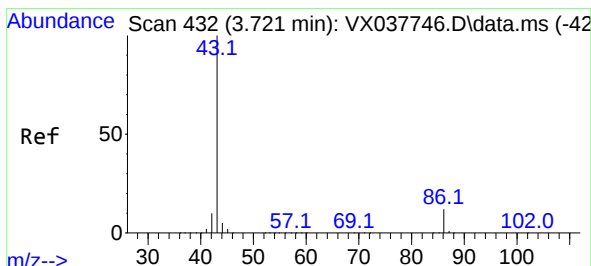
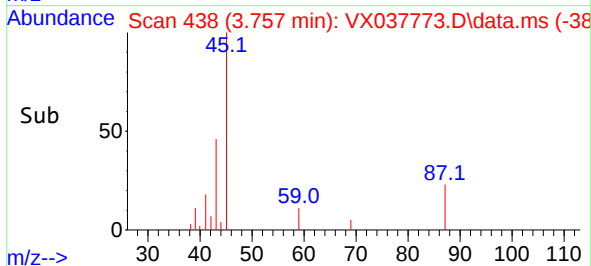
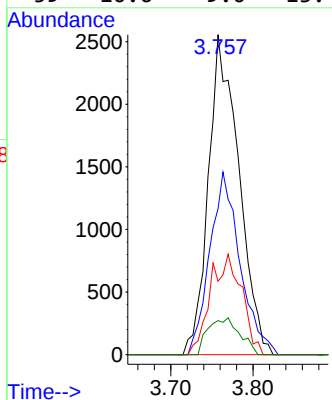


#22
Diisopropyl ether
Concen: 0.652 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

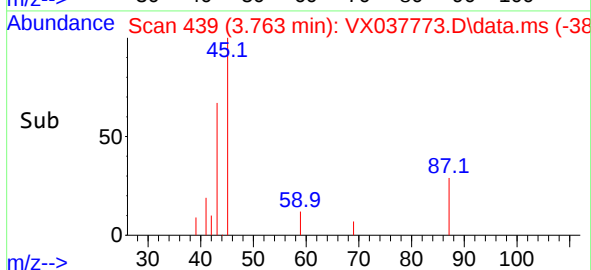
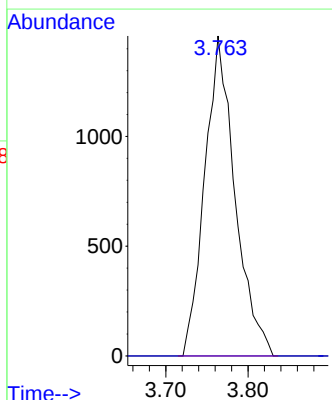
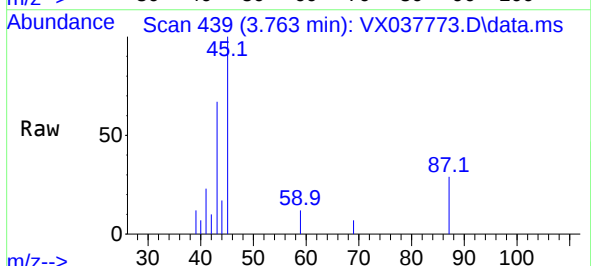


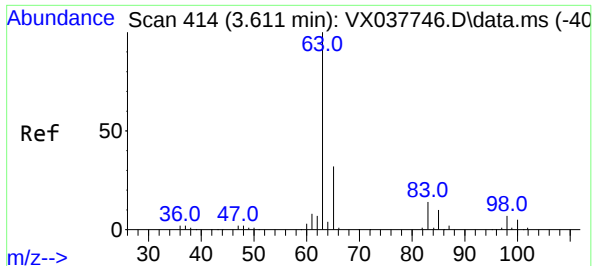
Tgt Ion:	45	Resp:	6574
Ion	Ratio	Lower	Upper
45	100		
43	45.6	69.7	104.5#
87	23.0	20.8	31.2
59	10.6	9.0	13.4



#23
Vinyl Acetate
Concen: 0.504 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

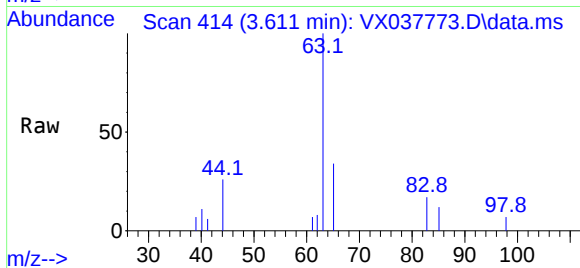
Tgt Ion:	43	Resp:	3735
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#



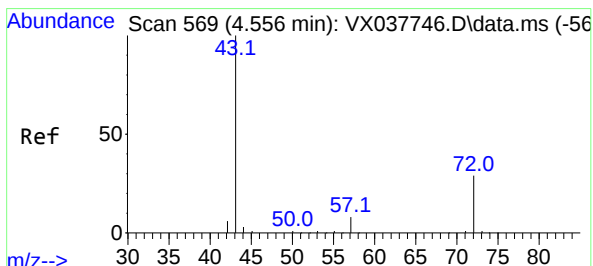
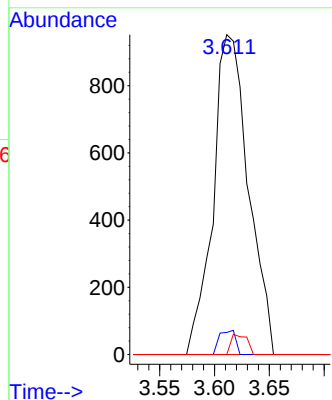
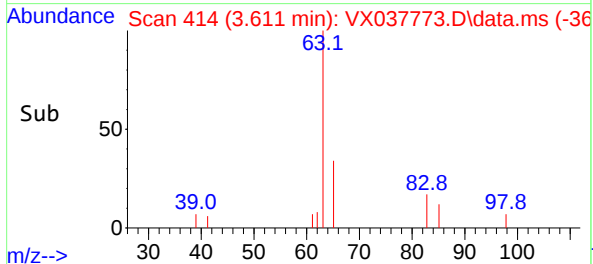


#24
1,1-Dichloroethane
Concen: 0.353 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

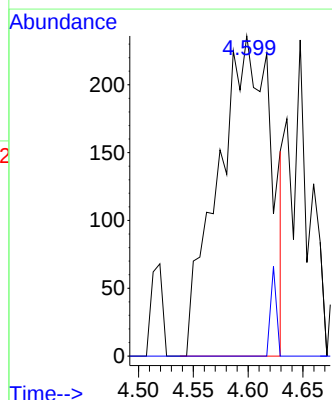
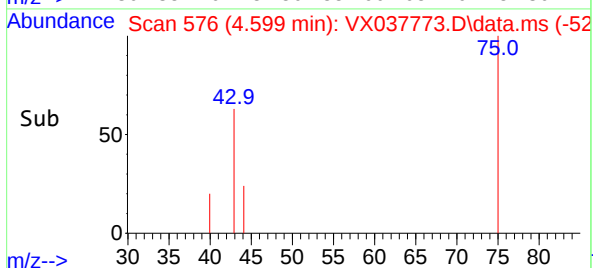
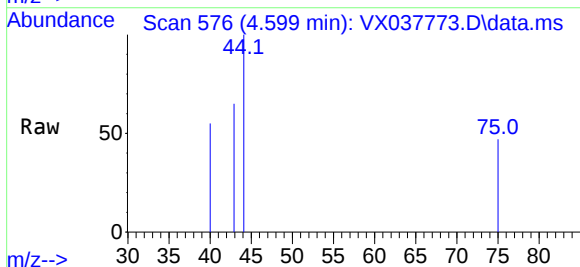


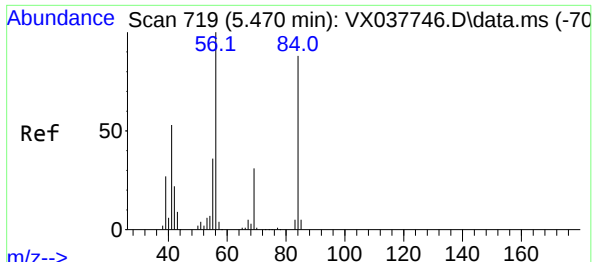
Tgt Ion: 63 Resp: 2135
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.8
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 0.298 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.030 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

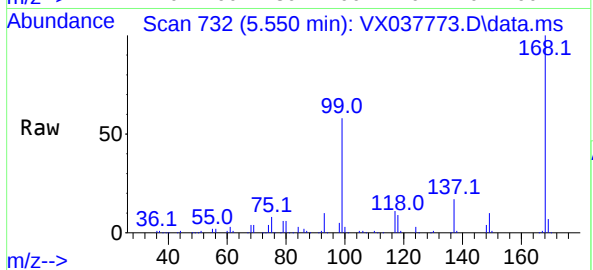
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



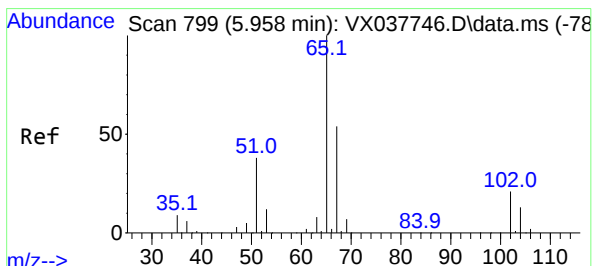
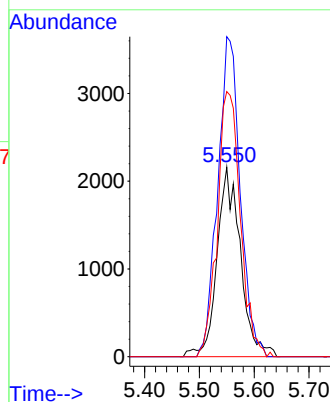
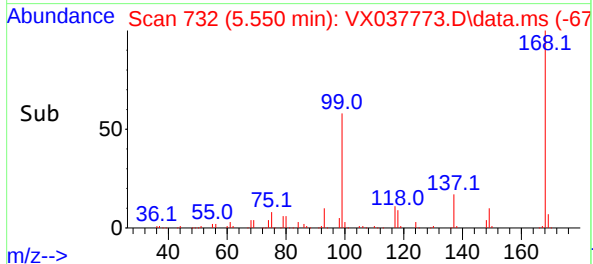


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

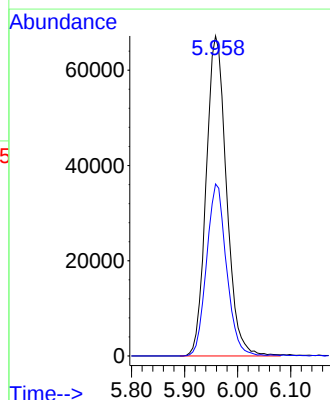
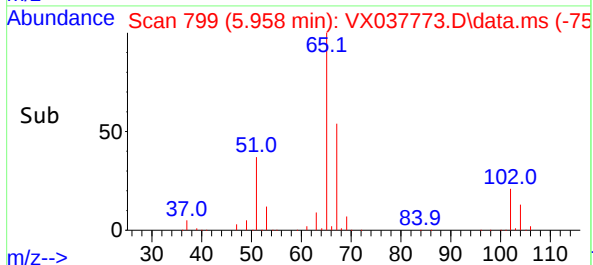
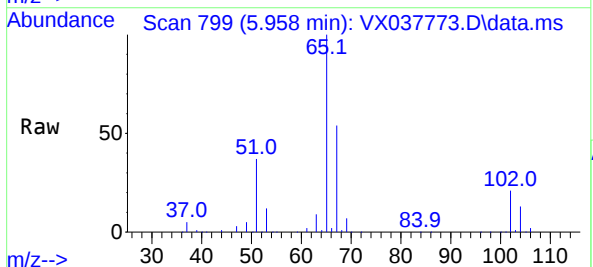


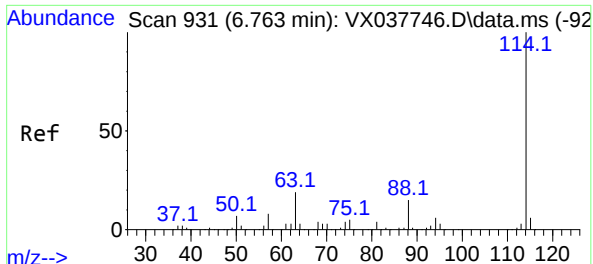
Tgt Ion: 56 Resp: 6396
Ion Ratio Lower Upper
56 100
69 168.8 23.4 35.2#
84 139.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.718 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 65 Resp: 178943
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

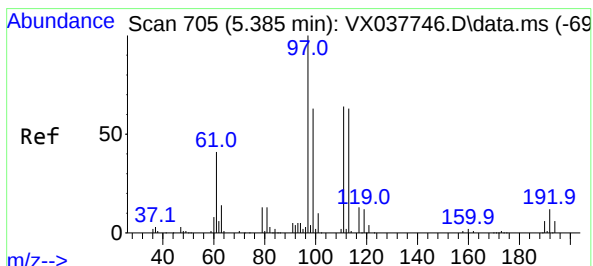
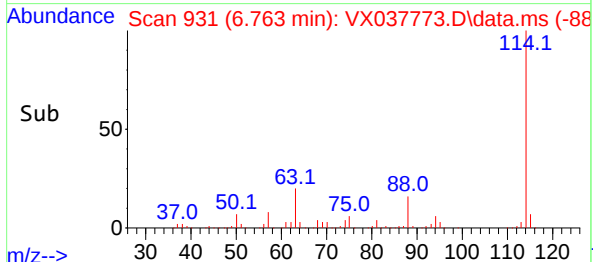
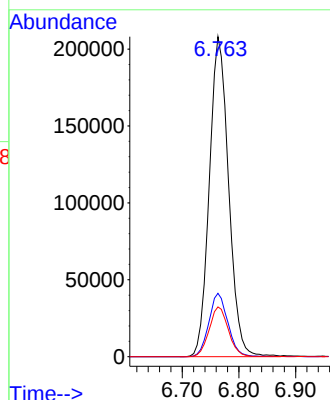
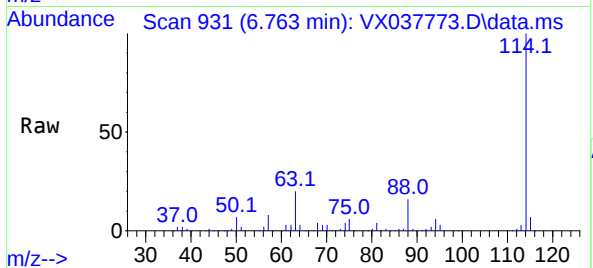




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

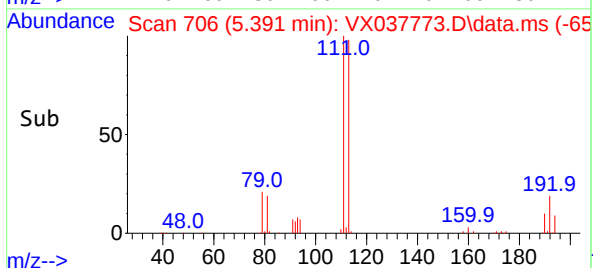
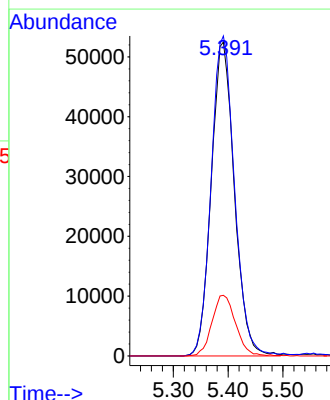
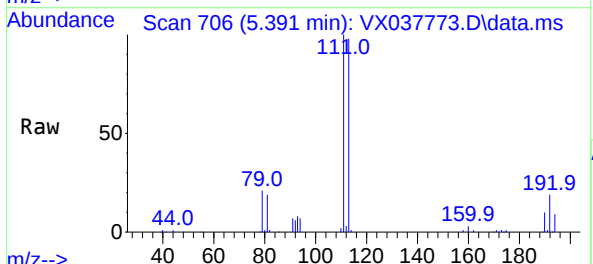
Instrument :
MSVOA_X
ClientSampleId :

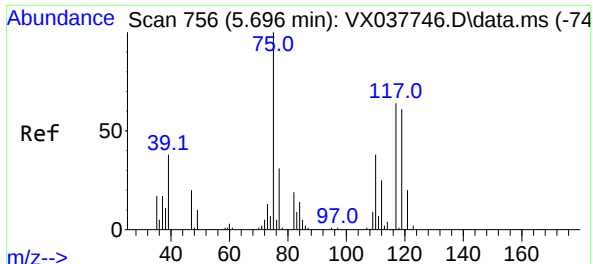
Tgt Ion:114 Resp: 491672
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion:113 Resp: 153443
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.7 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

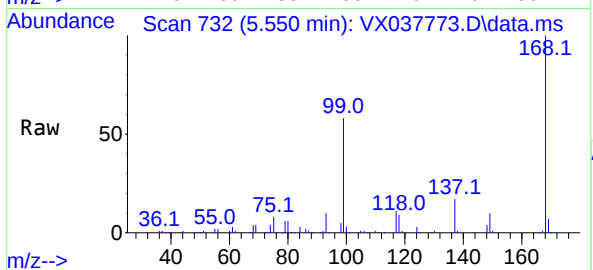
Lab File: VX037773.D

Acq: 18 Sep 2023 13:44

Instrument :

MSVOA_X

ClientSampleId :



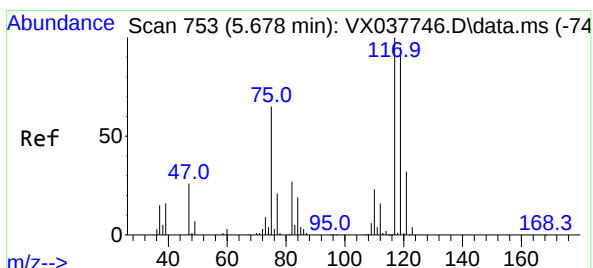
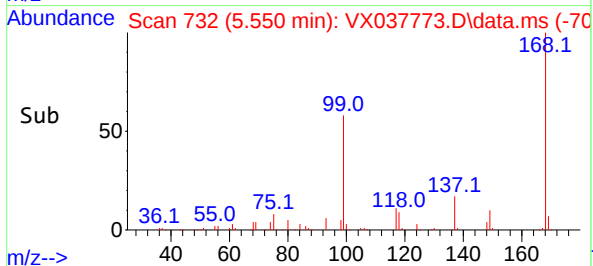
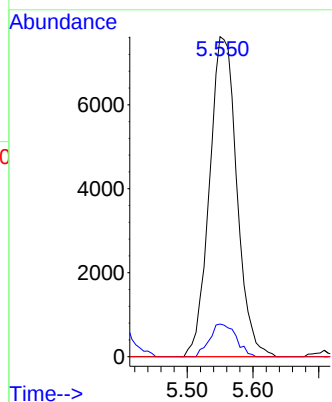
Tgt Ion: 75 Resp: 22064

Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.312 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX037773.D

Acq: 18 Sep 2023 13:44

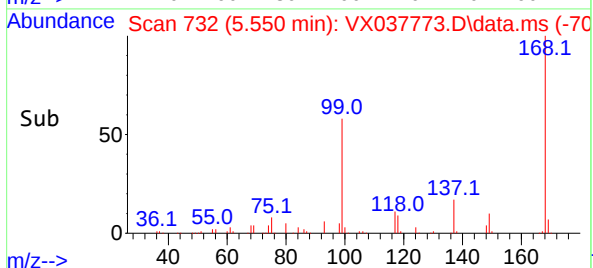
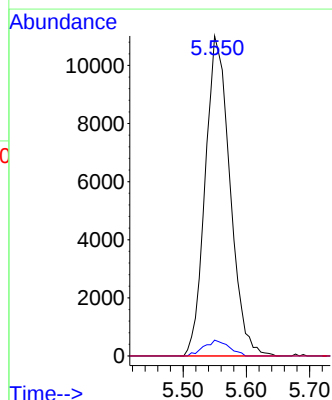
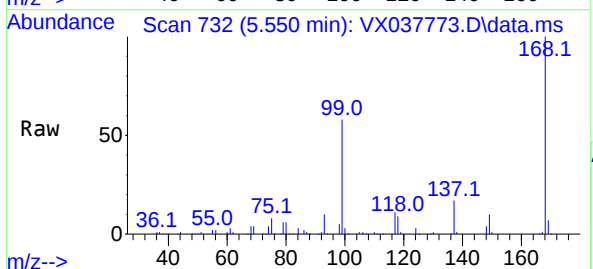
Tgt Ion: 117 Resp: 29928

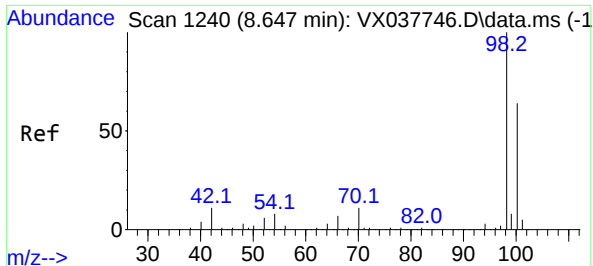
Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#

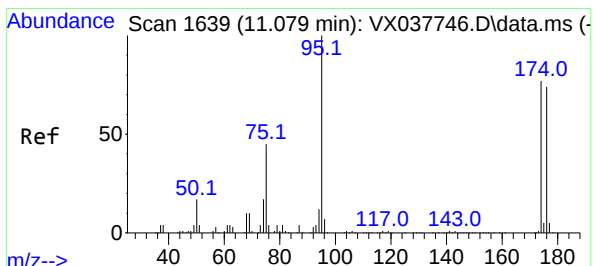
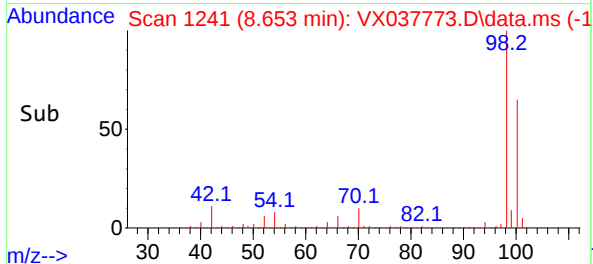
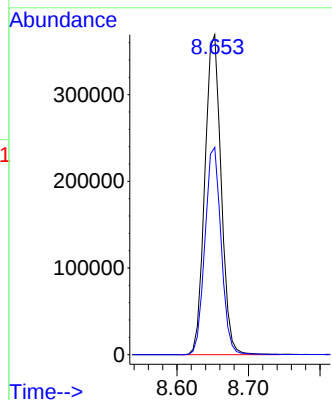
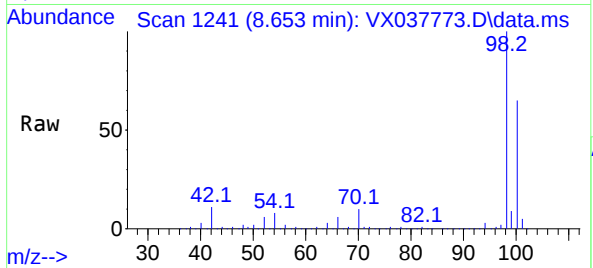




#50
Toluene-d8
Concen: 47.914 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

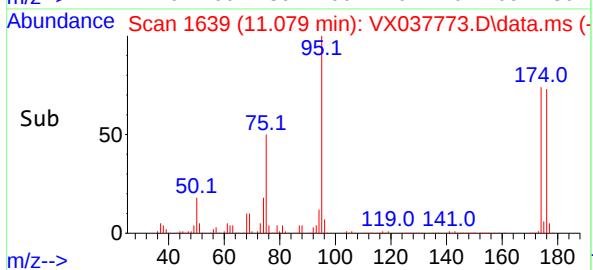
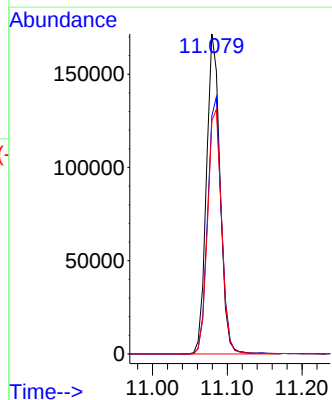
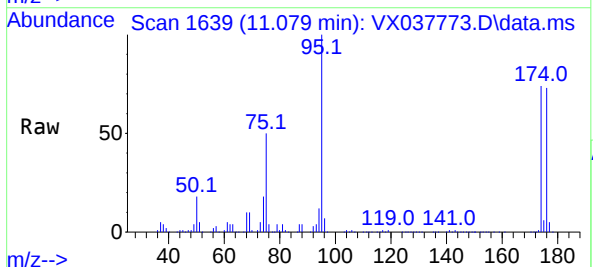
Instrument :
MSVOA_X
ClientSampleId :

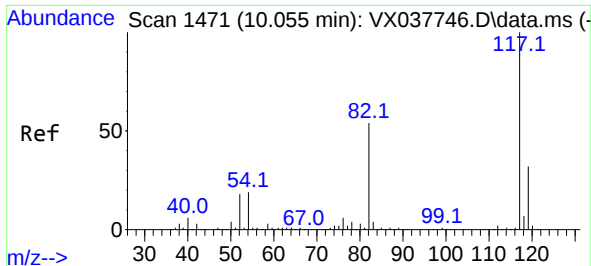
Tgt Ion: 98 Resp: 585678
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 95 Resp: 216554
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.5 0.0 131.0

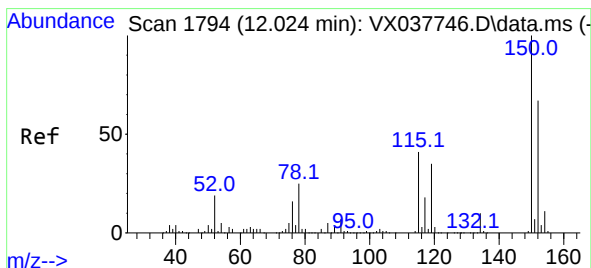
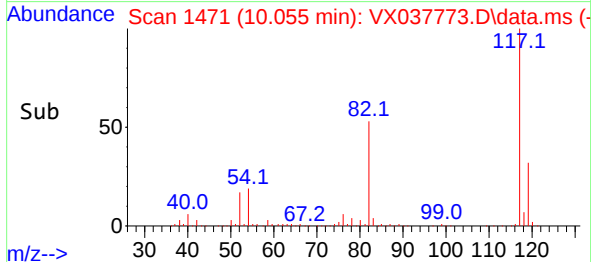
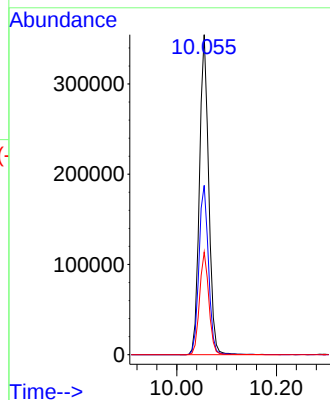
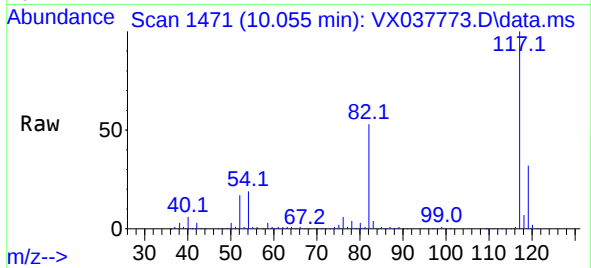




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

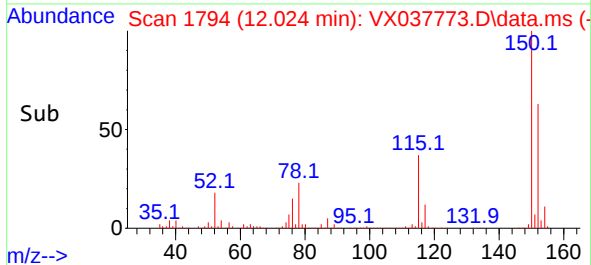
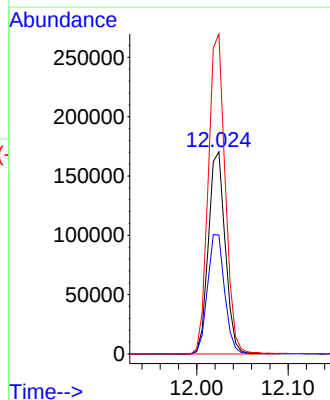
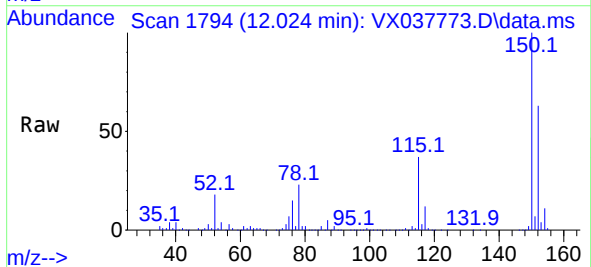
Instrument :
MSVOA_X
ClientSampleId :

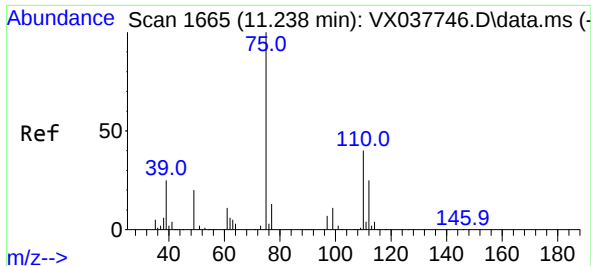
Tgt Ion:117 Resp: 456495
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion:152 Resp: 217648
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 159.6 0.0 345.0

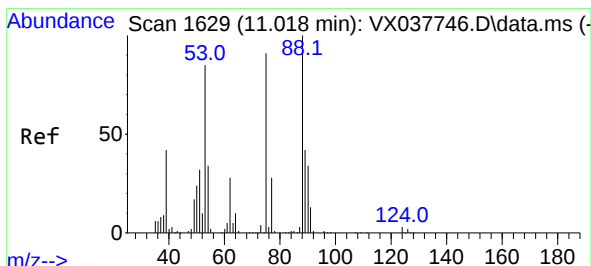
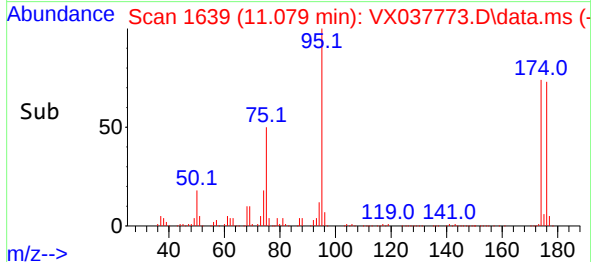
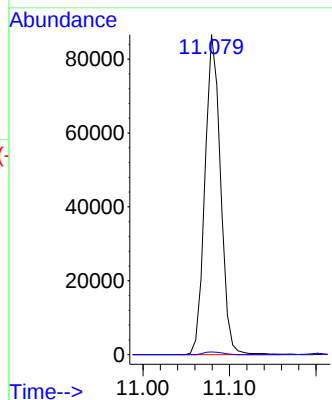
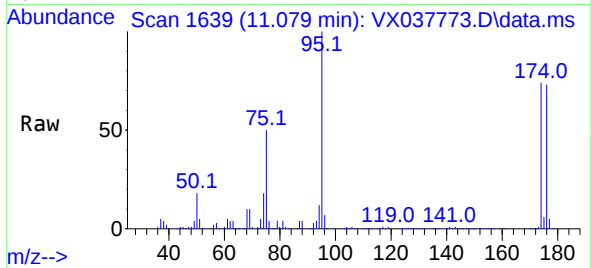




#76
1,2,3-Trichloropropane
Concen: 21.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

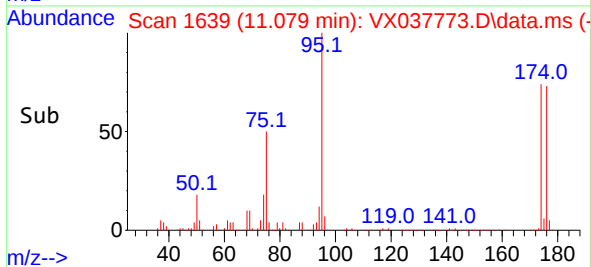
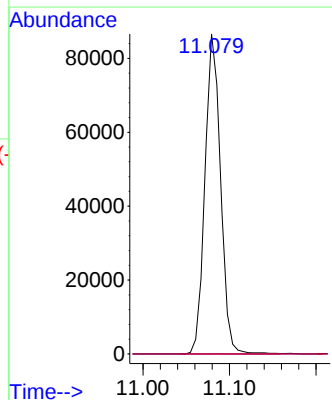
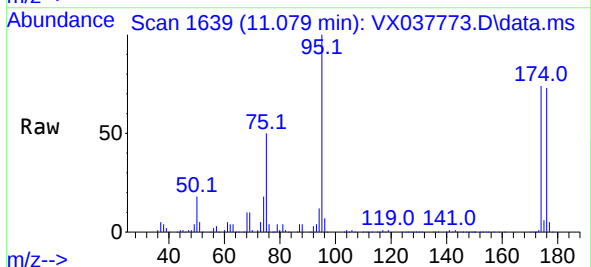
Instrument :
MSVOA_X
ClientSampleId :

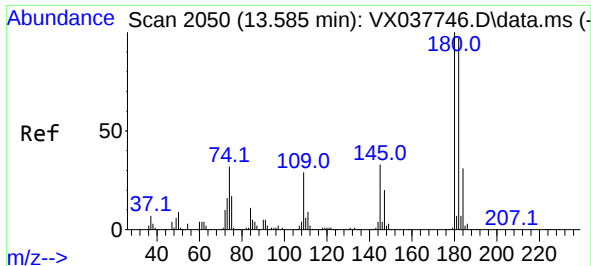
Tgt Ion: 75 Resp: 108500
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 75 Resp: 108500
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

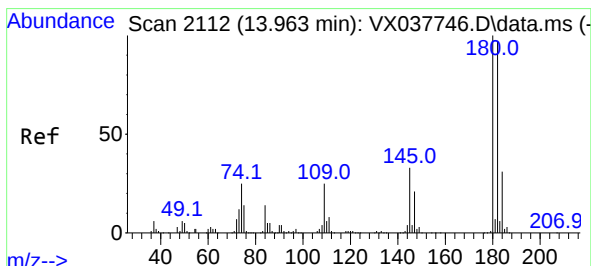
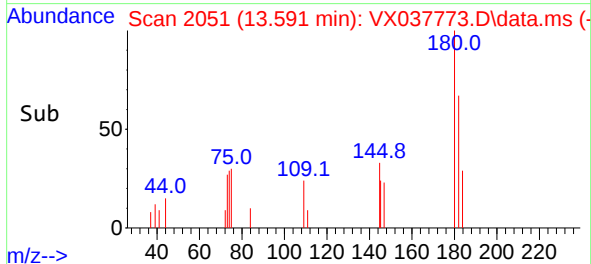
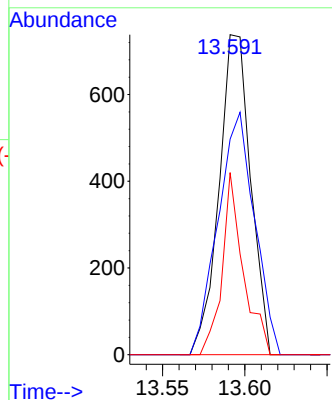
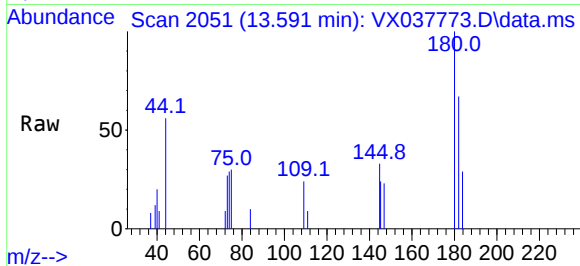




#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 987
Ion Ratio Lower Upper
180 100
182 87.5 48.3 144.8
145 37.9 18.0 54.0



#96
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion:180 Resp: 944
Ion Ratio Lower Upper
180 100
182 85.1 46.9 140.6
145 30.0 17.8 53.5

