

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037776.D
 Acq On : 18 Sep 2023 14:54
 Operator : JC/MD
 Sample : 04437-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 17:57:14 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)

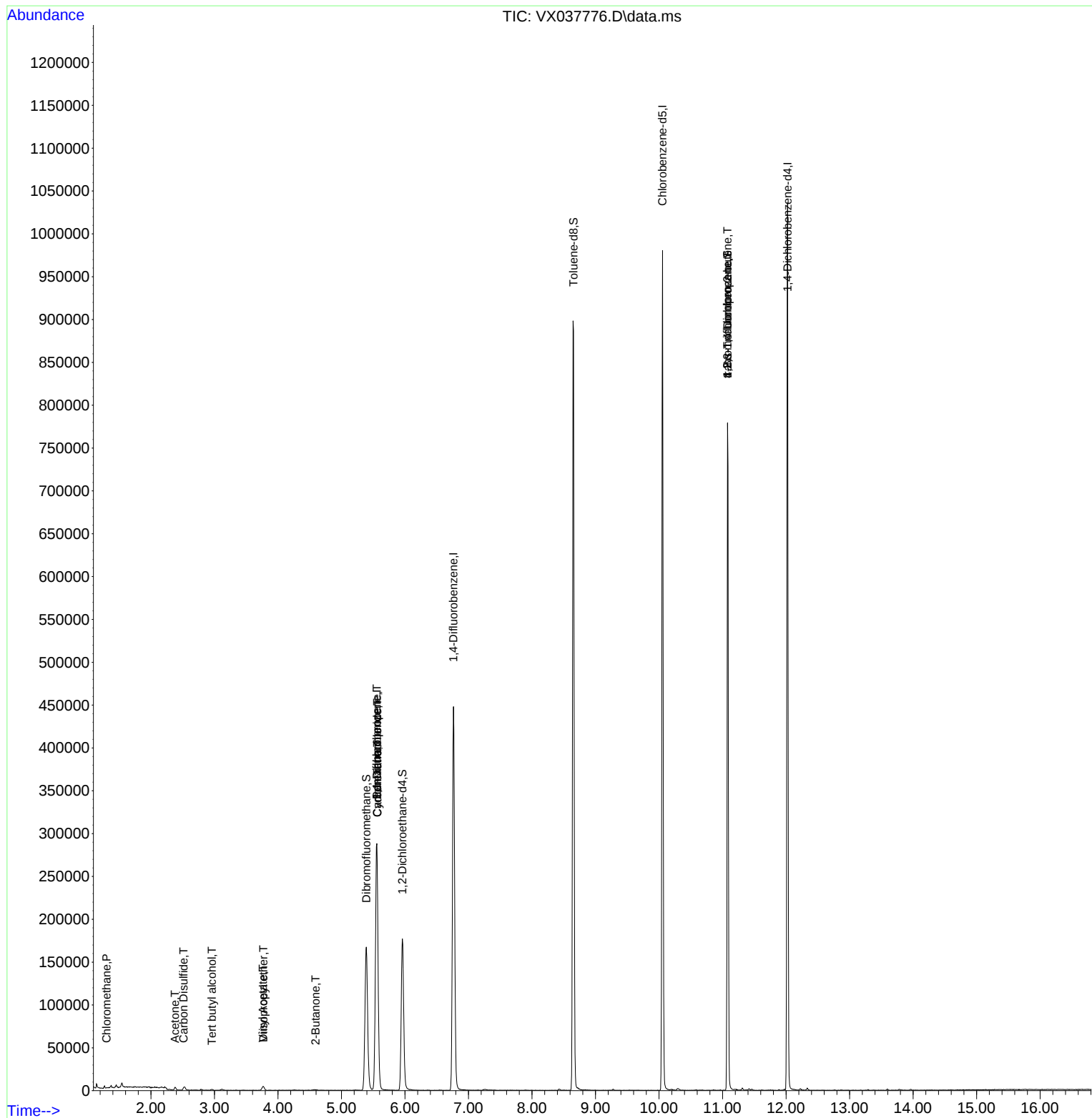
Internal Standards						
1) Pentafluorobenzene	5.556	168	281225	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	468308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172231	46.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.220%
35) Dibromofluoromethane	5.391	113	148768	47.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.653	98	560955	48.180	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.079	95	211853	50.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	680	0.211	ug/l	# 80
11) Tert butyl alcohol	2.959	59	1062	1.339	ug/l	96
16) Acetone	2.380	43	3532	1.987	ug/l	95
17) Carbon Disulfide	2.514	76	2782	0.404	ug/l	# 93
22) Diisopropyl ether	3.770	45	4731	0.497	ug/l	# 69
23) Vinyl Acetate	3.764	43	2709	0.387	ug/l	# 73
25) 2-Butanone	4.593	43	735	0.293	ug/l	# 51
31) Cyclohexane	5.562	56	5634	1.188	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	21041	4.875	ug/l	# 51
38) Carbon Tetrachloride	5.562	117	28277	6.261	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	106527	20.761	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	106527	66.503	ug/l	# 5

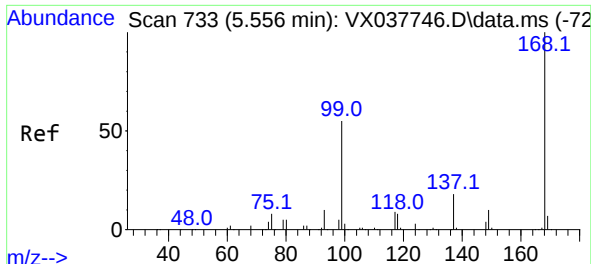
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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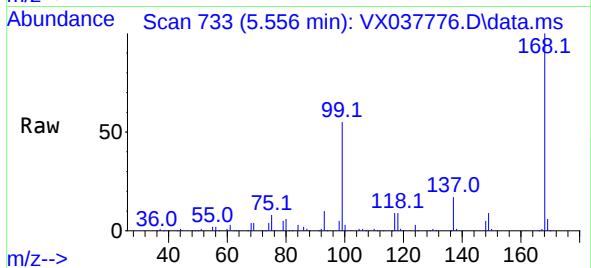
Quant Time: Sep 18 17:57:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
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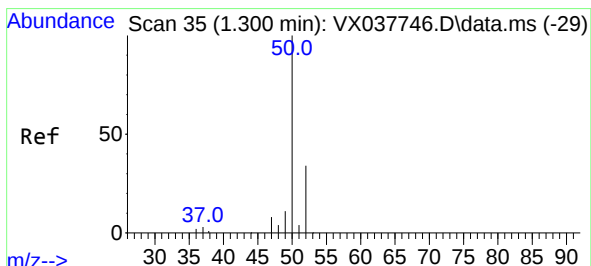
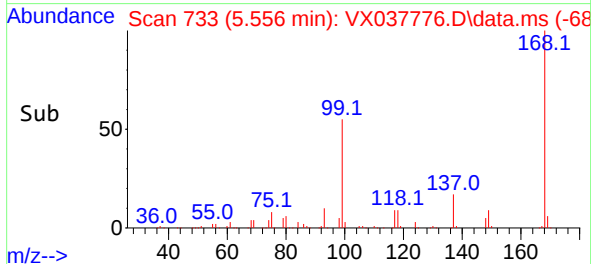
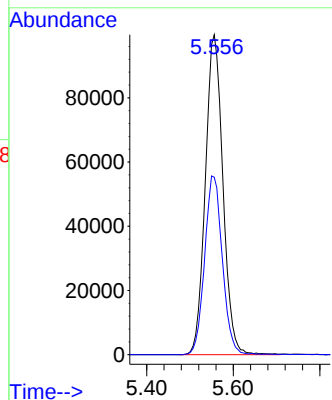


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

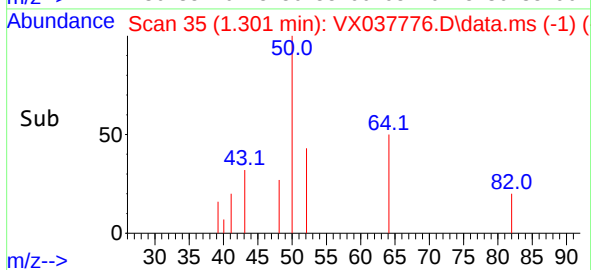
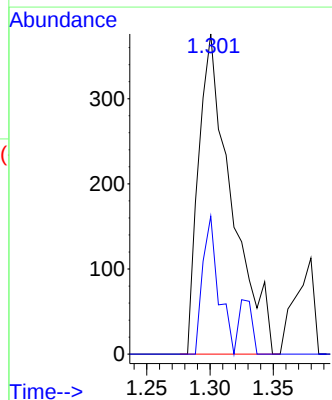
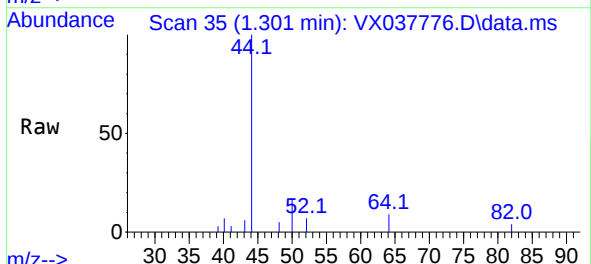


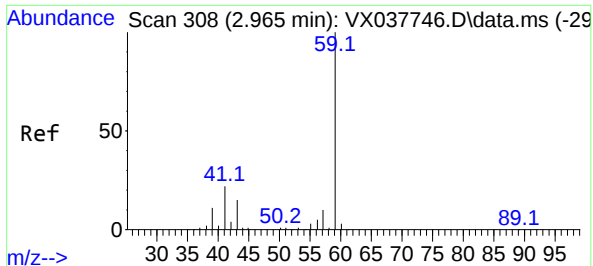
Tgt Ion:168 Resp: 281225
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 43.1 25.5 38.3#





#11

Tert butyl alcohol

Concen: 1.339 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

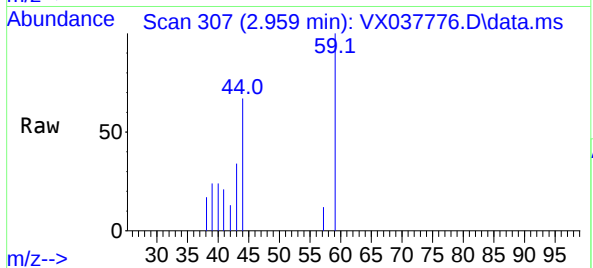
Lab File: VX037776.D

Acq: 18 Sep 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :

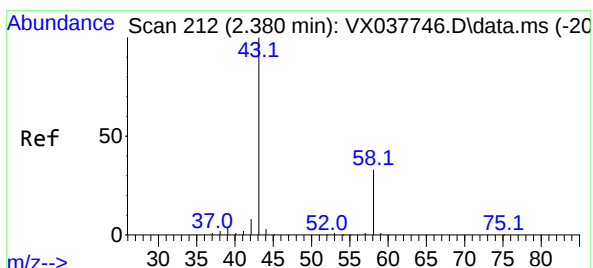
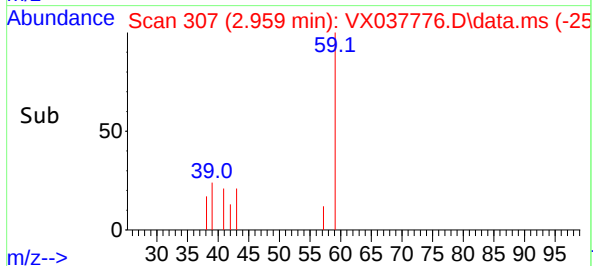
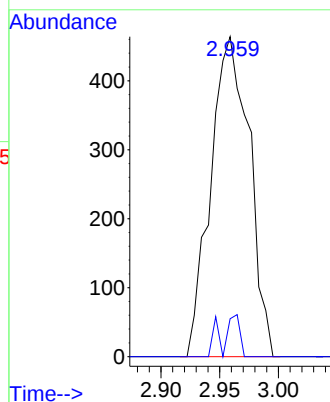


Tgt Ion: 59 Resp: 1062

Ion Ratio Lower Upper

59 100

57 6.0 6.0 9.0



#16

Acetone

Concen: 1.987 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037776.D

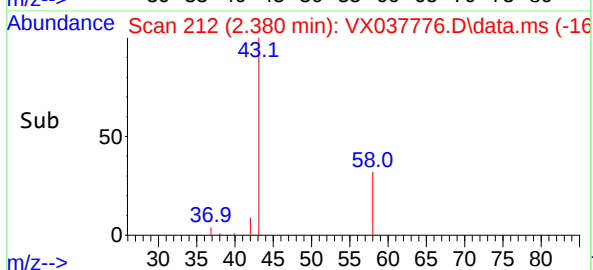
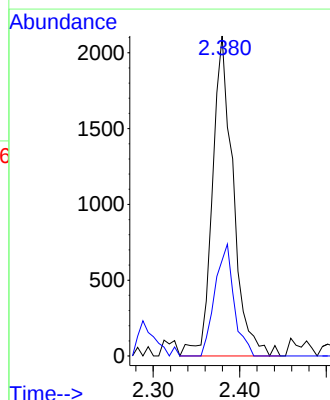
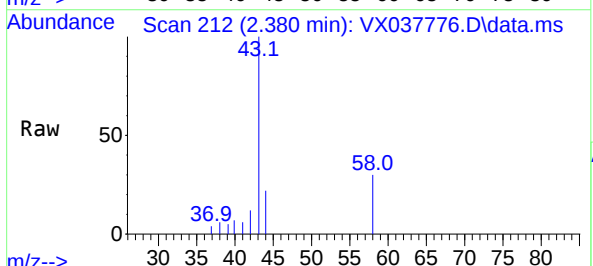
Acq: 18 Sep 2023 14:54

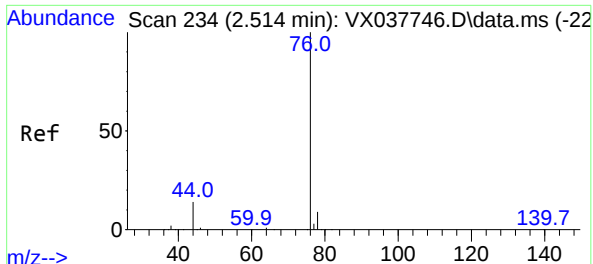
Tgt Ion: 43 Resp: 3532

Ion Ratio Lower Upper

43 100

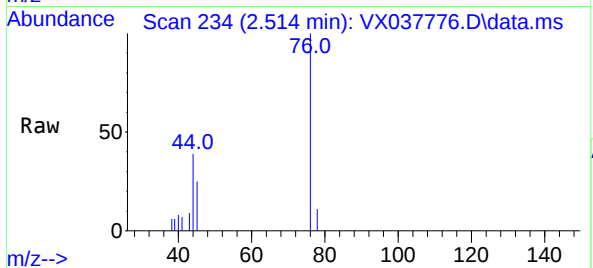
58 29.9 21.9 32.9



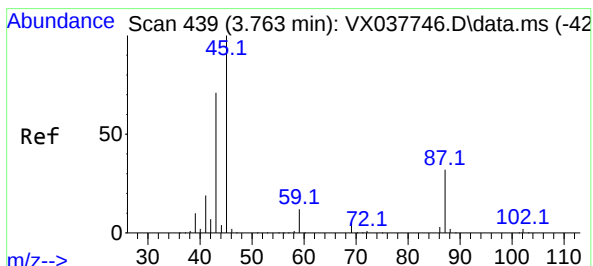
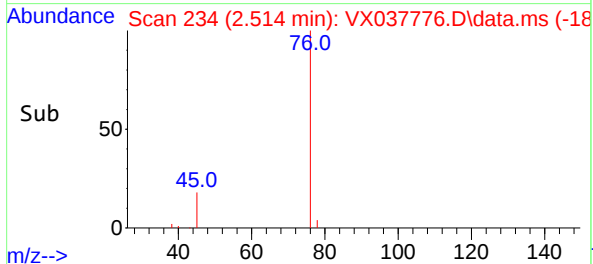
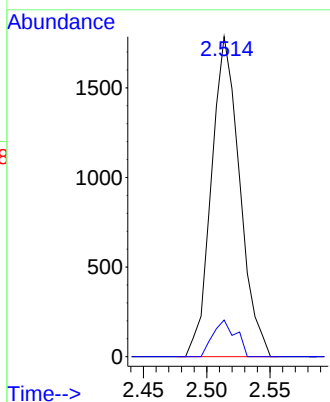


#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

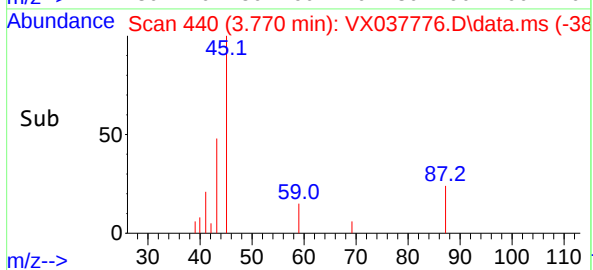
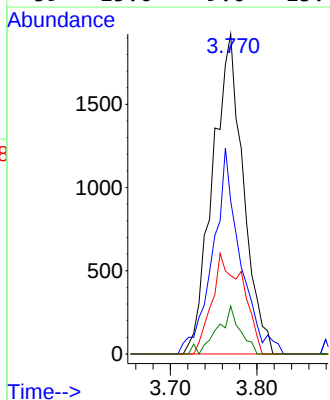
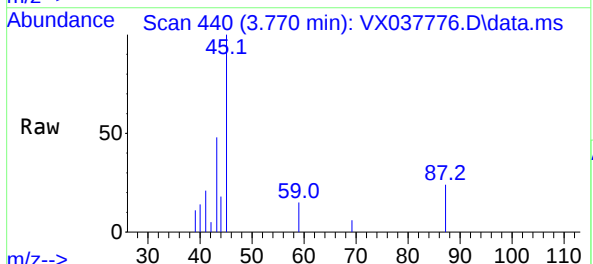


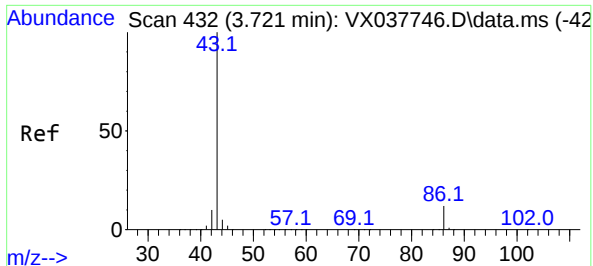
Tgt Ion: 76 Resp: 2782
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.6#



#22
Diisopropyl ether
Concen: 0.497 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Tgt Ion: 45 Resp: 4731
Ion Ratio Lower Upper
45 100
43 47.8 69.7 104.5#
87 24.5 20.8 31.2
59 15.0 9.0 13.4#





#23

Vinyl Acetate

Concen: 0.387 ug/l

RT: 3.764 min Scan# 41

Delta R.T. 0.037 min

Lab File: VX037776.D

Acq: 18 Sep 2023 14:54

Instrument :

MSVOA_X

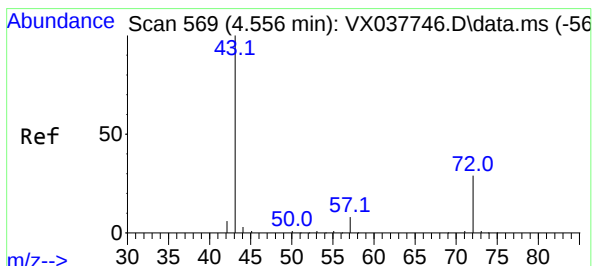
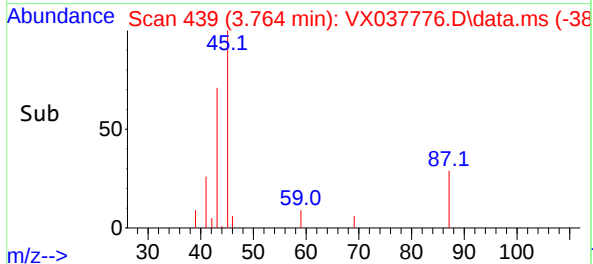
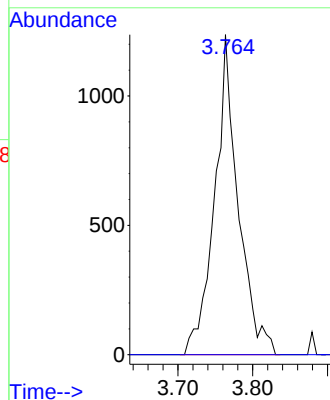
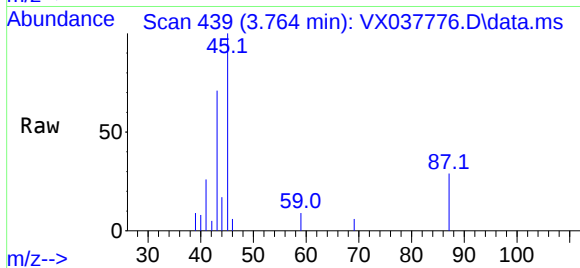
ClientSampleId :

Tgt Ion: 43 Resp: 2709

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#



#25

2-Butanone

Concen: 0.293 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.024 min

Lab File: VX037776.D

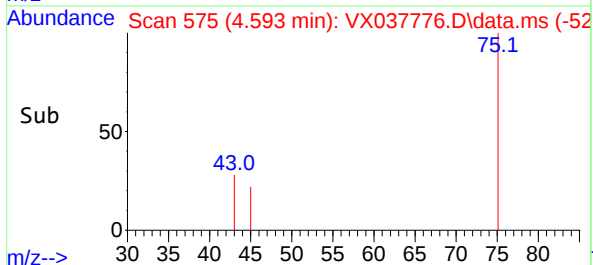
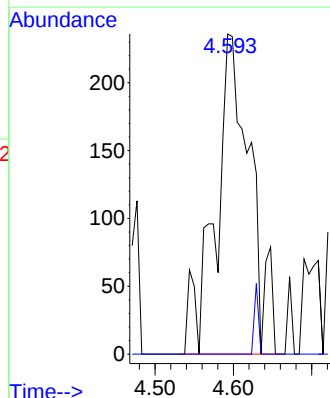
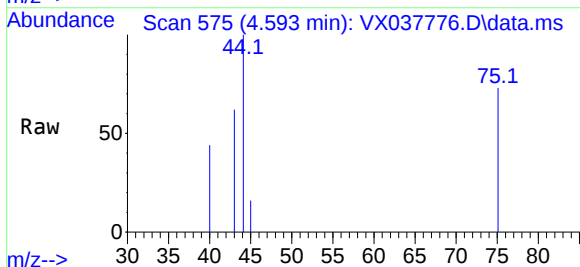
Acq: 18 Sep 2023 14:54

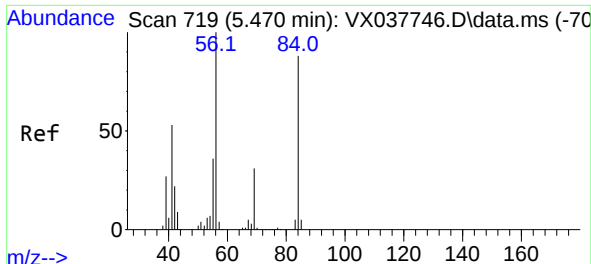
Tgt Ion: 43 Resp: 735

Ion Ratio Lower Upper

43 100

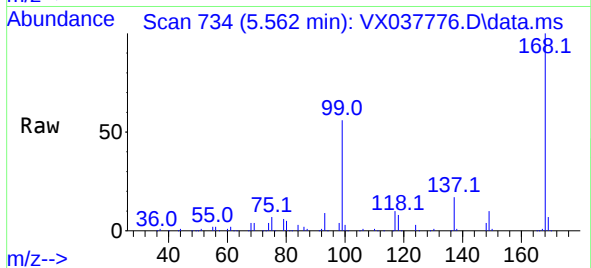
72 0.0 19.4 29.2#



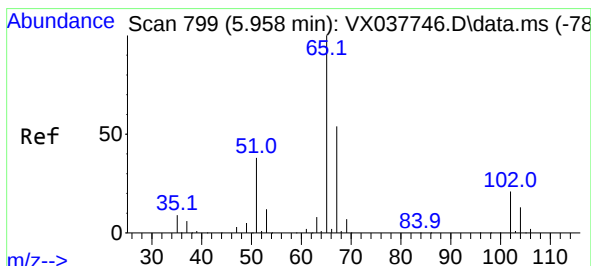
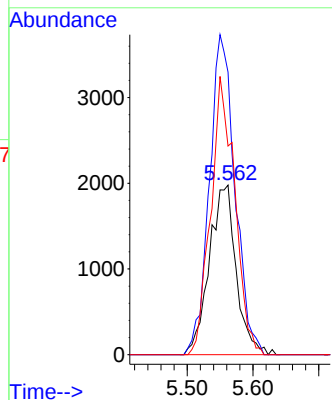
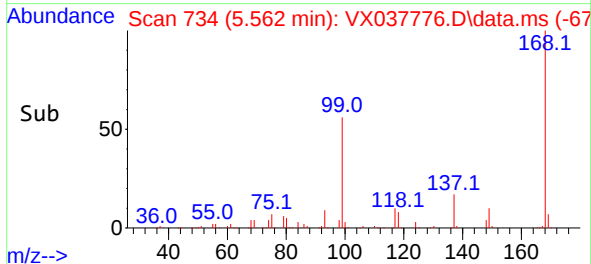


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

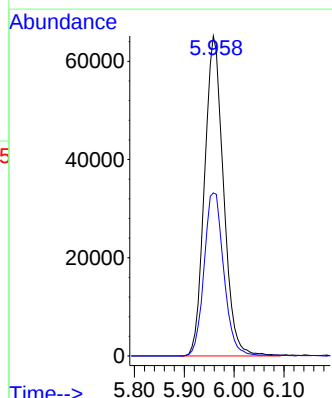
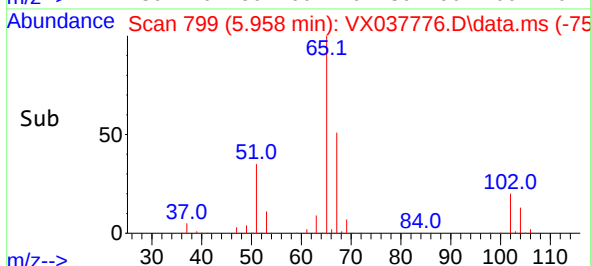
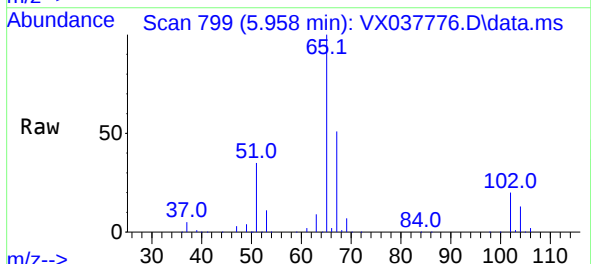


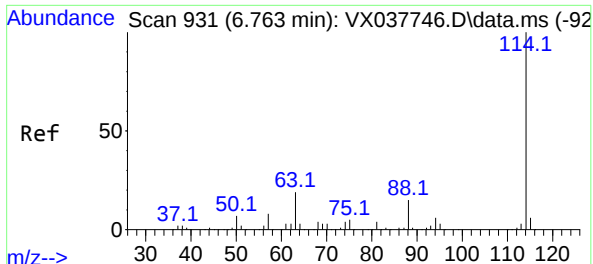
Tgt Ion: 56 Resp: 5634
Ion Ratio Lower Upper
56 100
69 166.6 23.4 35.2#
84 122.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.614 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

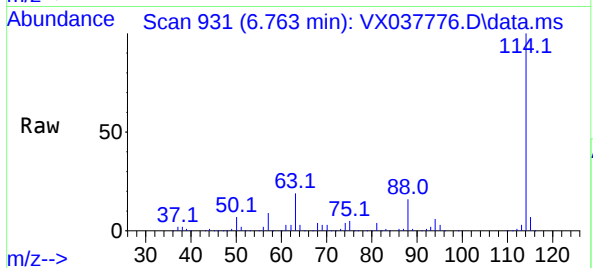
Tgt Ion: 65 Resp: 172231
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2



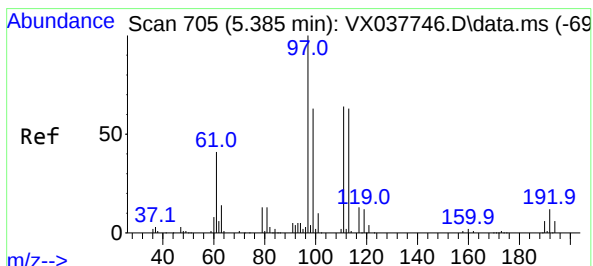
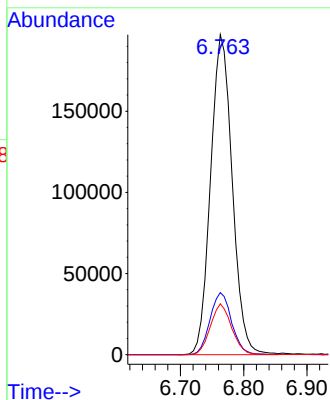
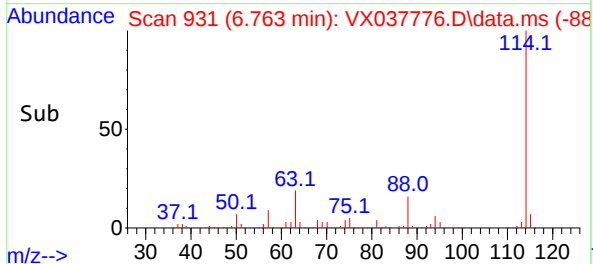


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

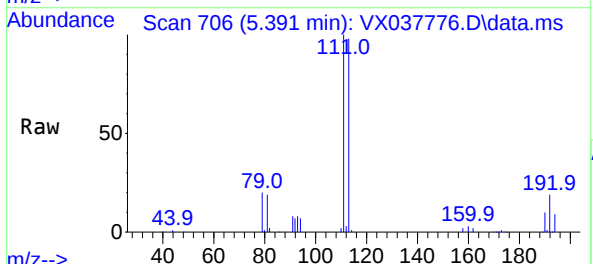
Instrument :
MSVOA_X
ClientSampleId :



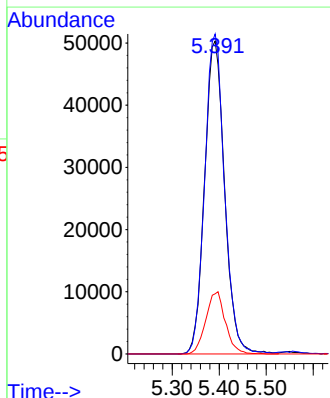
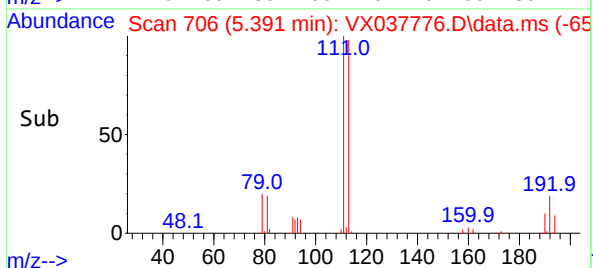
Tgt Ion:114 Resp: 468308
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.9 0.0 36.6

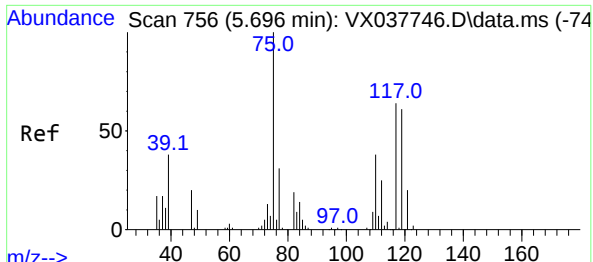


#35
Dibromofluoromethane
Concen: 47.477 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54



Tgt Ion:113 Resp: 148768
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 19.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

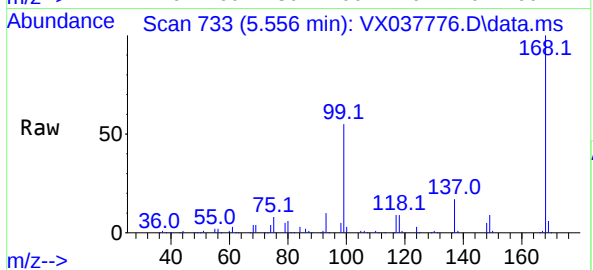
Lab File: VX037776.D

Acq: 18 Sep 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :



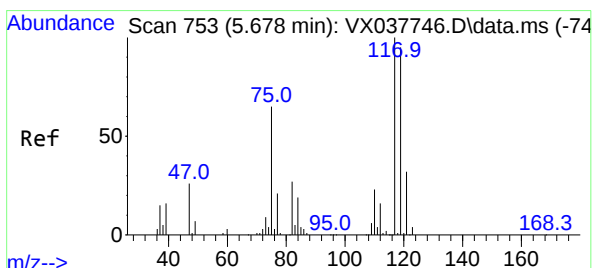
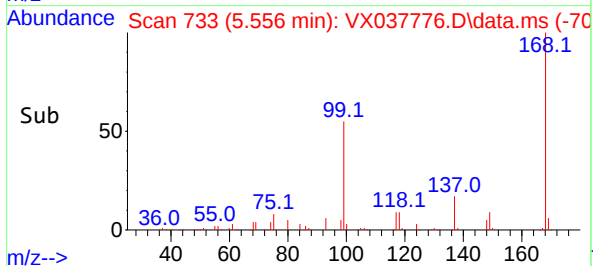
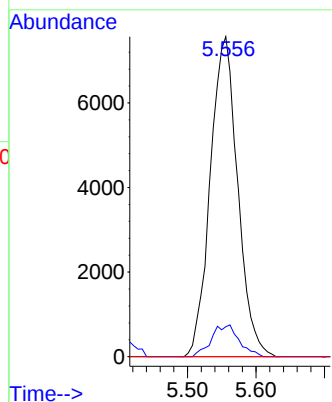
Tgt Ion: 75 Resp: 21041

Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.261 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX037776.D

Acq: 18 Sep 2023 14:54

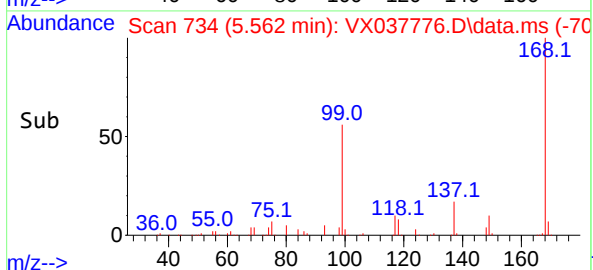
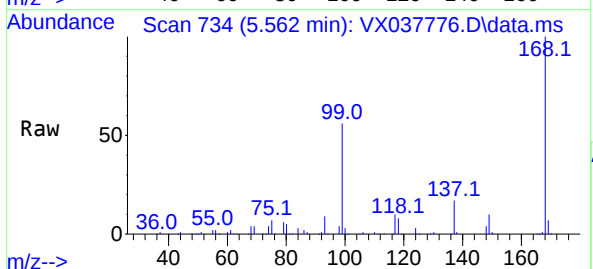
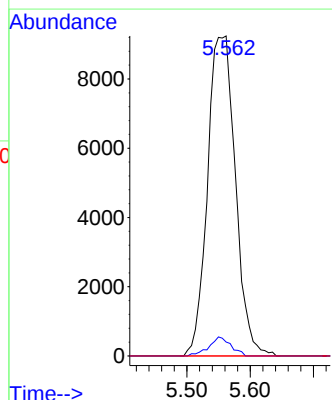
Tgt Ion: 117 Resp: 28277

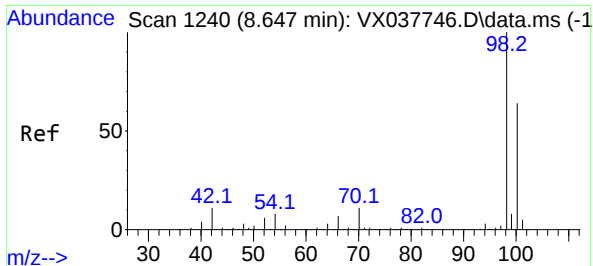
Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#

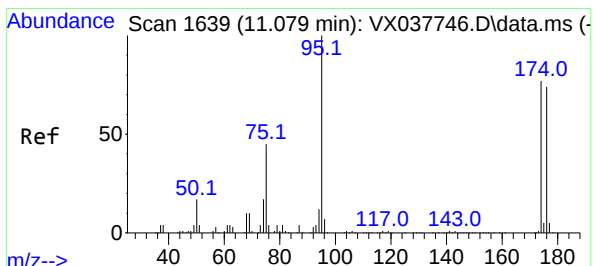
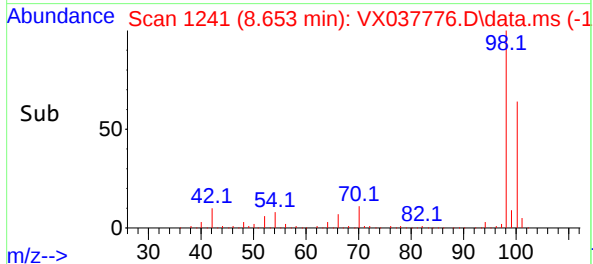
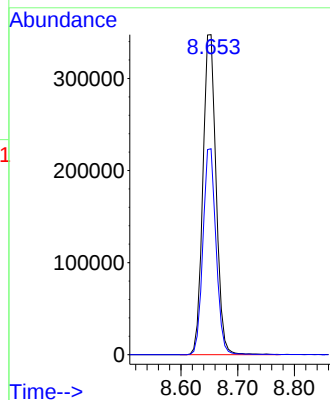
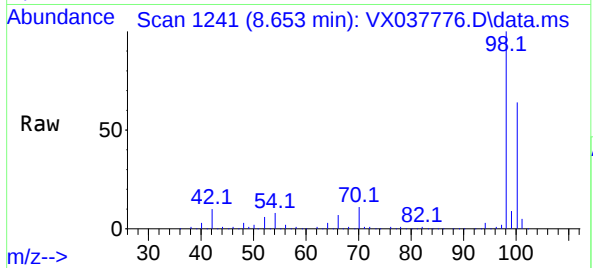




#50
Toluene-d8
Concen: 48.180 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

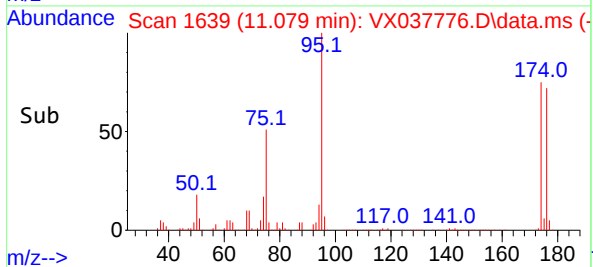
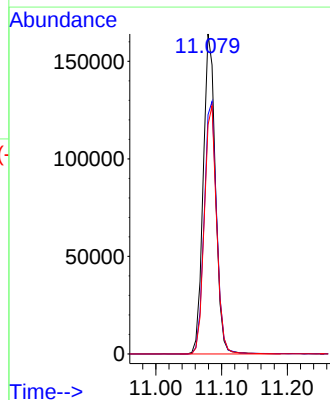
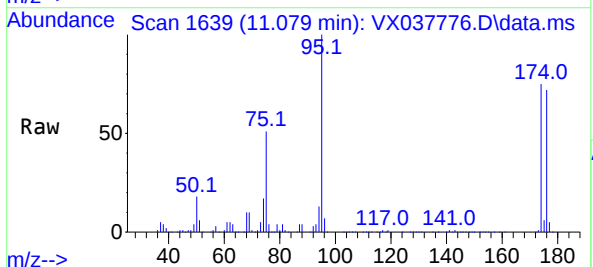
Instrument :
MSVOA_X
ClientSampleId :

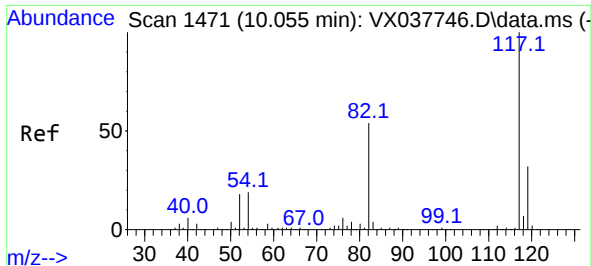
Tgt Ion: 98 Resp: 560955
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.074 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

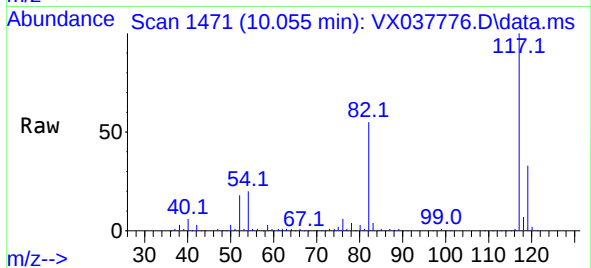
Tgt Ion: 95 Resp: 211853
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 78.1 0.0 131.0



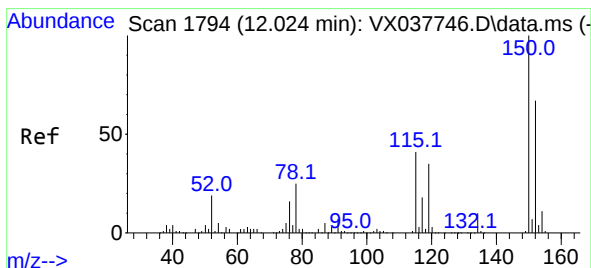
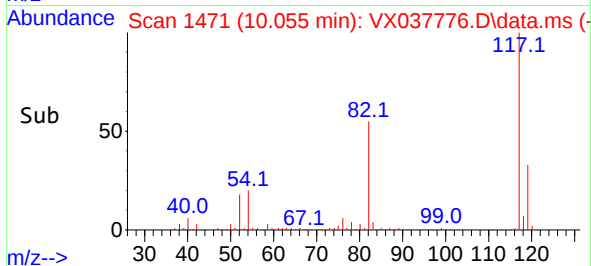
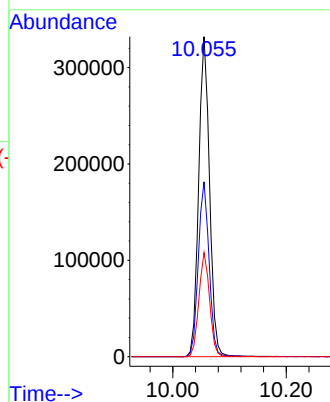


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

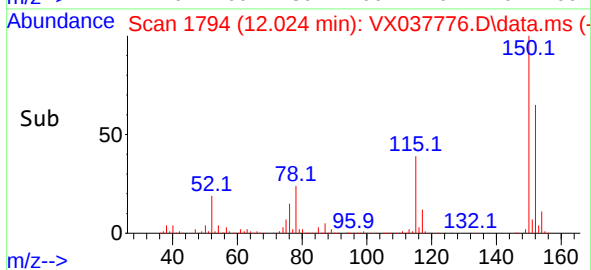
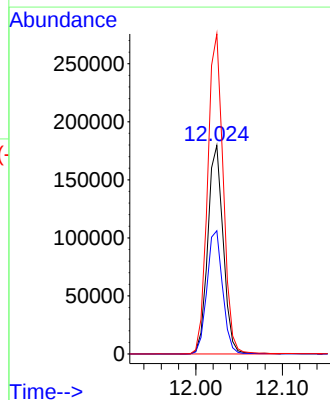
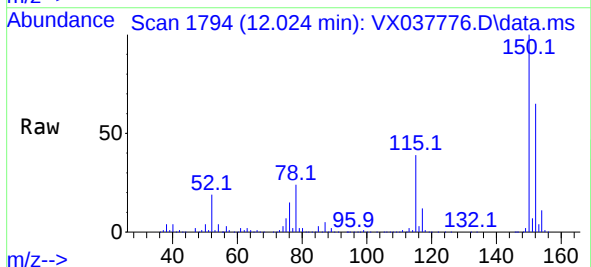


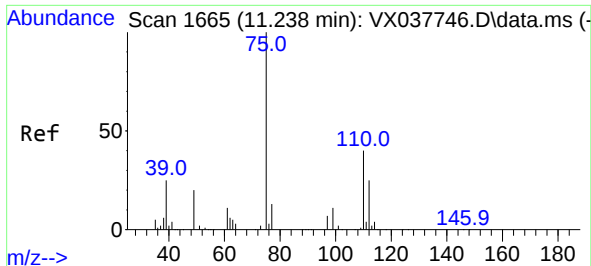
Tgt Ion:117 Resp: 440234
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Tgt Ion:152 Resp: 221853
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 155.3 0.0 345.0

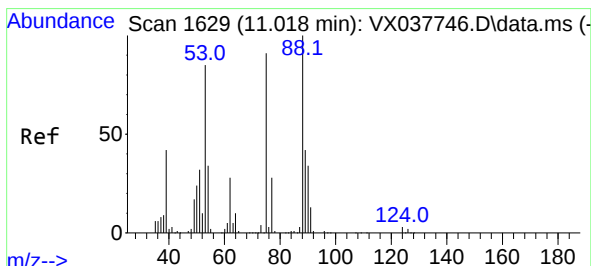
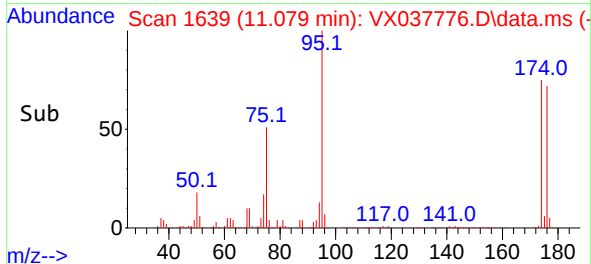
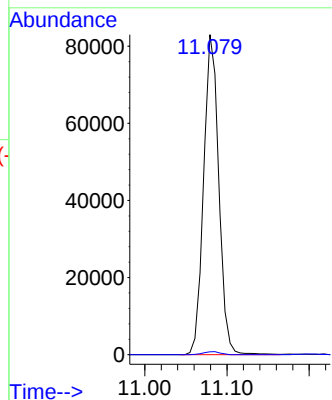
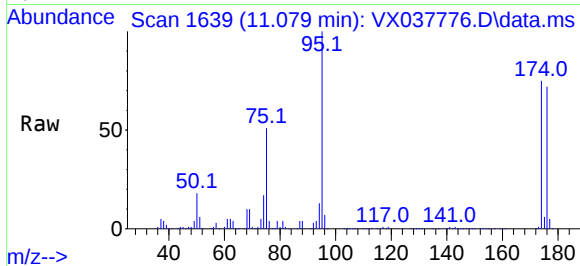




#76
1,2,3-Trichloropropane
Concen: 20.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 106527
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037776.D
Acq: 18 Sep 2023 14:54

Tgt Ion: 75 Resp: 106527
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

