

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037777.D
 Acq On : 18 Sep 2023 15:17
 Operator : JC/MD
 Sample : 04437-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 17:57:25 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)

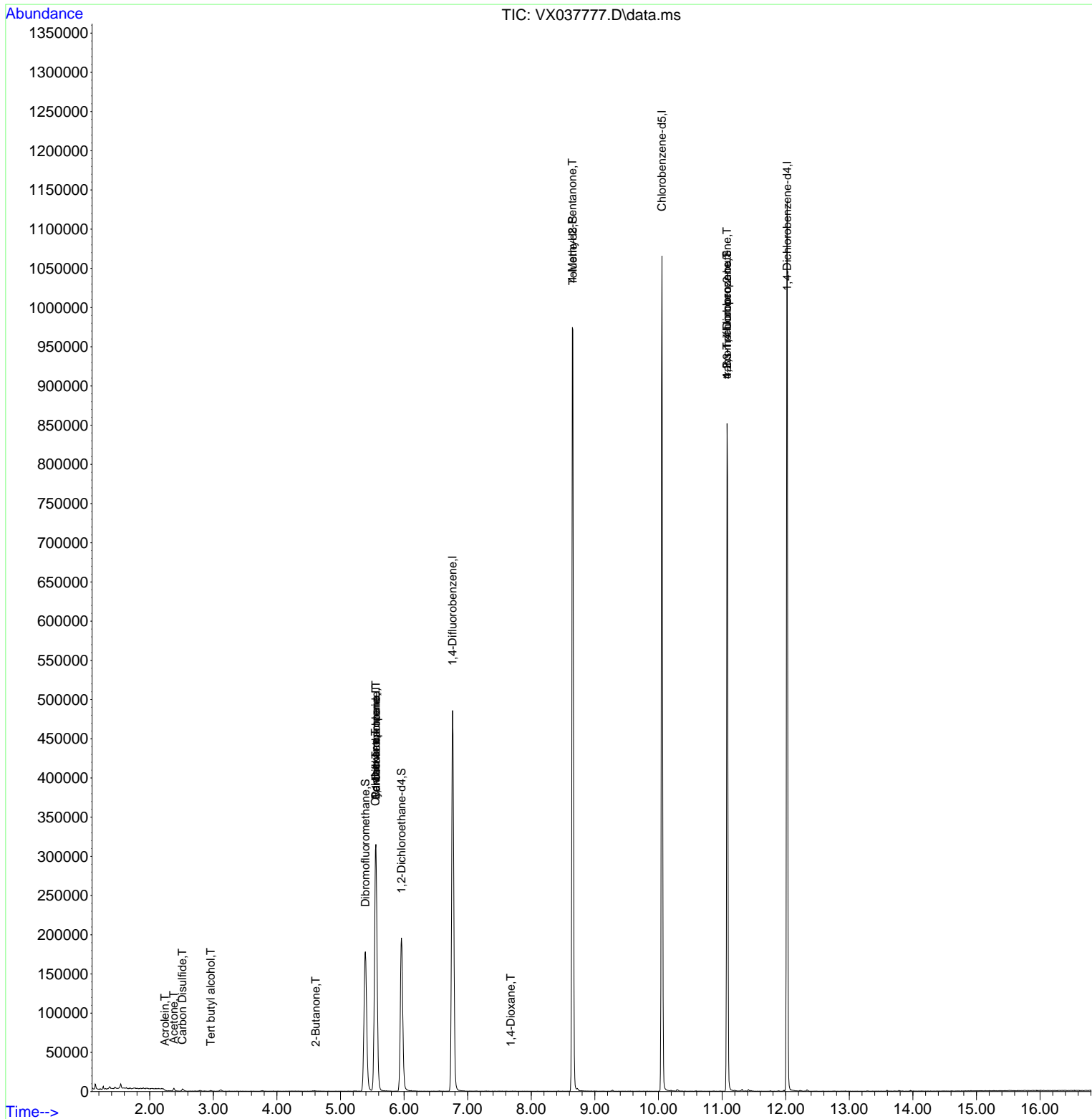
Internal Standards						
1) Pentafluorobenzene	5.556	168	304357	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	512257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186513	46.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.391	113	159526	46.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.653	98	610495	47.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.079	95	227648	49.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	918	1.070	ug/l	# 92
13) Acrolein	2.239	56	172	0.203	ug/l	# 14
16) Acetone	2.380	43	3523	1.831	ug/l	# 87
17) Carbon Disulfide	2.514	76	2519	0.338	ug/l	# 89
25) 2-Butanone	4.611	43	651	0.240	ug/l	# 51
31) Cyclohexane	5.550	56	6533	1.273	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	22964	4.864	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	30440	6.162	ug/l	# 14
49) 1,4-Dioxane	7.677	88	76	0.731	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.647	43	2473	0.470	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	115505	20.692	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	115505	66.285	ug/l	# 5

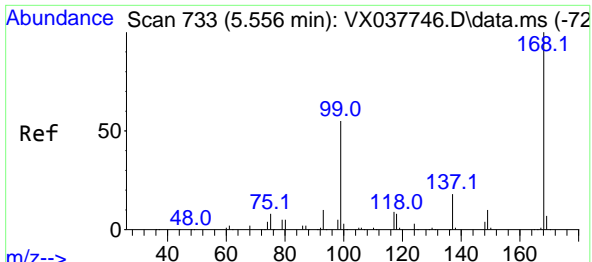
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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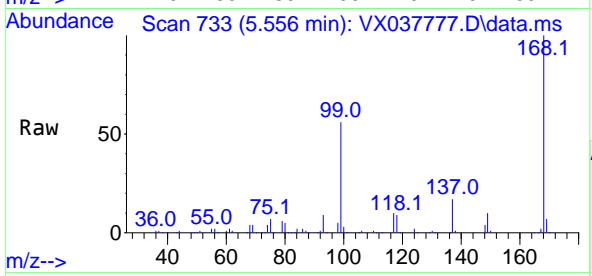
Quant Time: Sep 18 17:57:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
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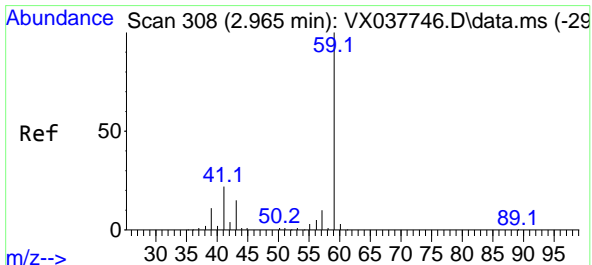
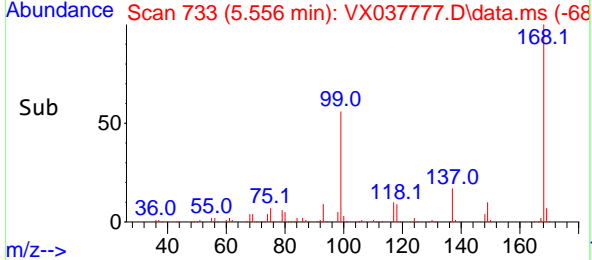
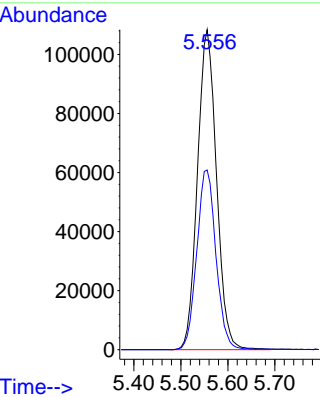


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument : MSVOA_X
 ClientSampleId :

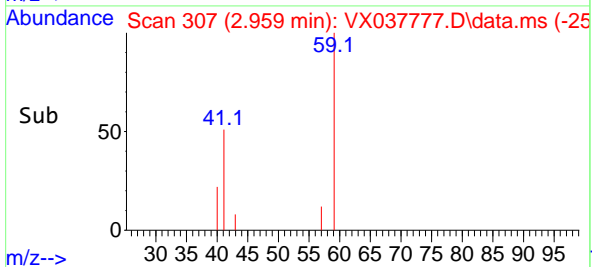
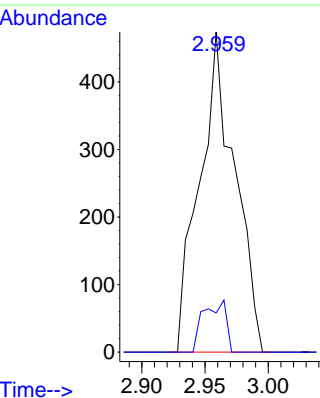
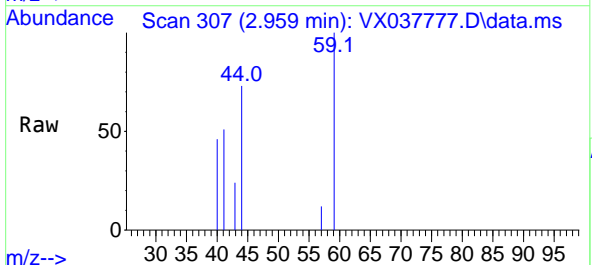


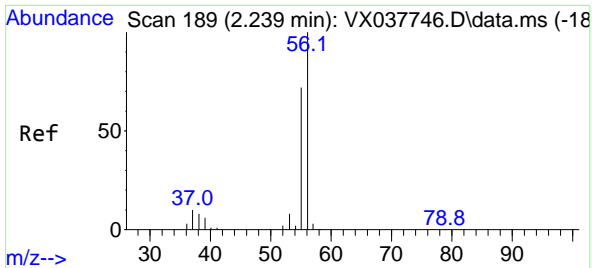
Tgt Ion:168 Resp: 304357
 Ion Ratio Lower Upper
 168 100
 99 56.2 56.6 85.0#



#11
 Tert butyl alcohol
 Concen: 1.070 ug/l
 RT: 2.959 min Scan# 307
 Delta R.T. -0.006 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

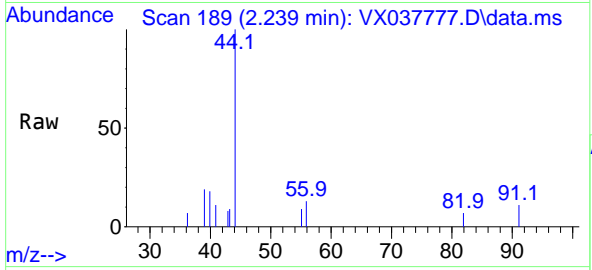
Tgt Ion: 59 Resp: 918
 Ion Ratio Lower Upper
 59 100
 57 10.3 6.0 9.0#



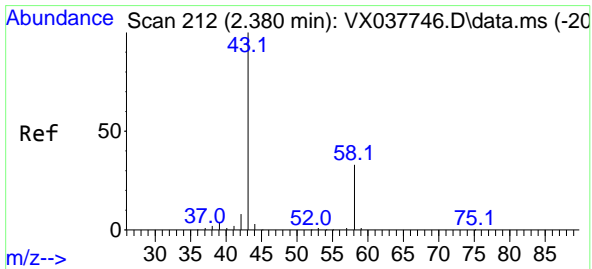
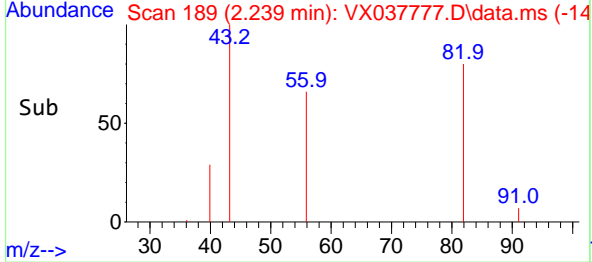
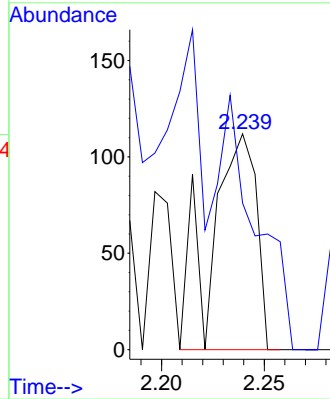


#13
 Acrolein
 Concen: 0.203 ug/l
 RT: 2.239 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument :
 MSVOA_X
 ClientSampleId :

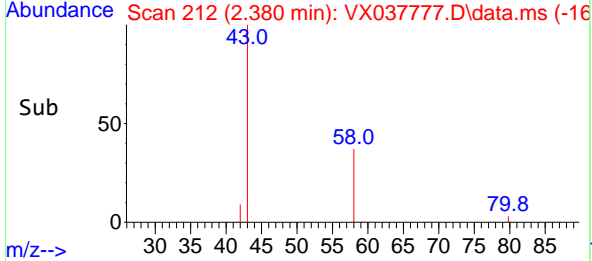
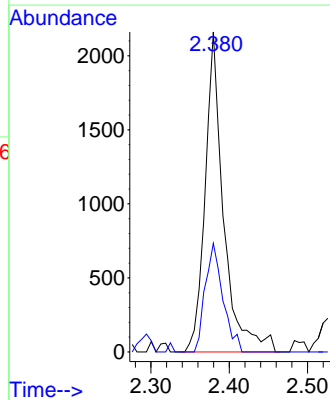
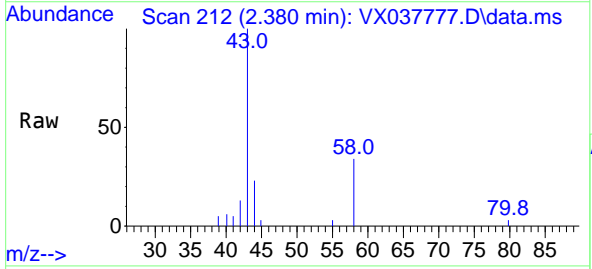


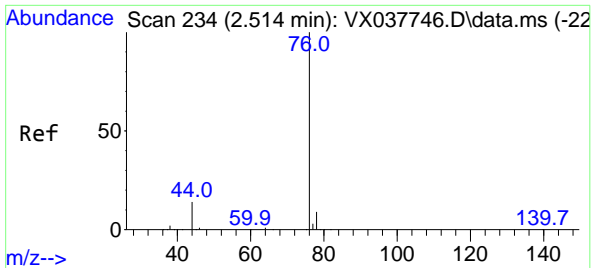
Tgt Ion: 56 Resp: 172
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.1 85.7#



#16
 Acetone
 Concen: 1.831 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

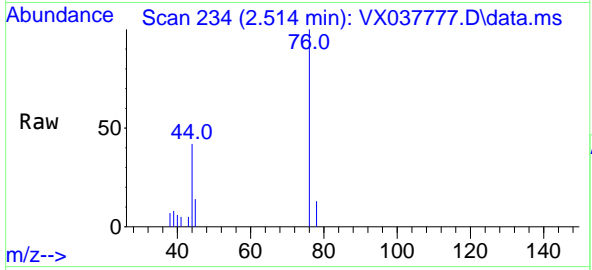
Tgt Ion: 43 Resp: 3523
 Ion Ratio Lower Upper
 43 100
 58 34.0 21.9 32.9#



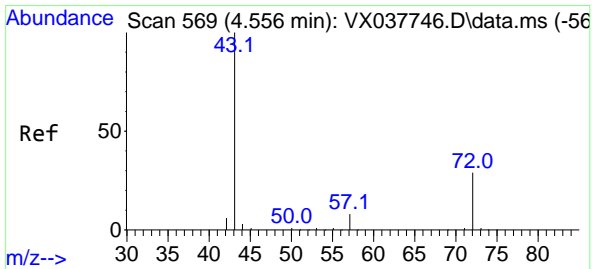
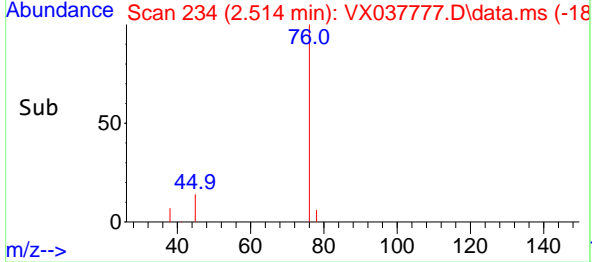
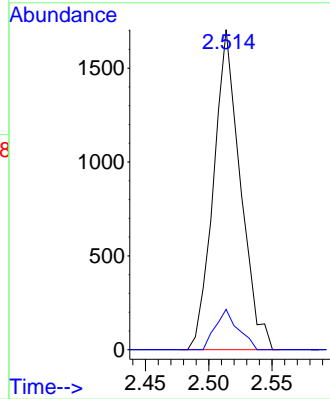


#17
 Carbon Disulfide
 Concen: 0.338 ug/l
 RT: 2.514 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument : MSVOA_X
 ClientSampleId :

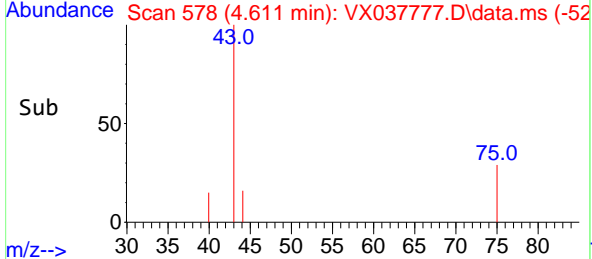
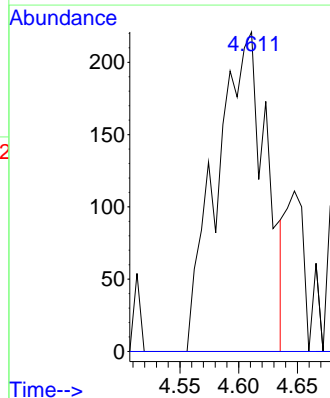
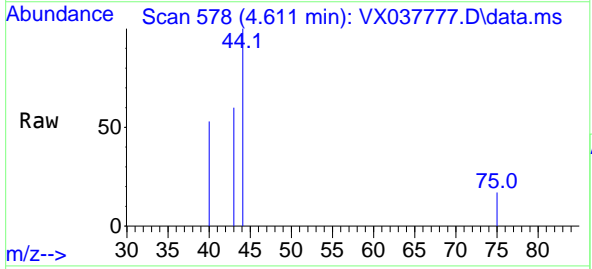


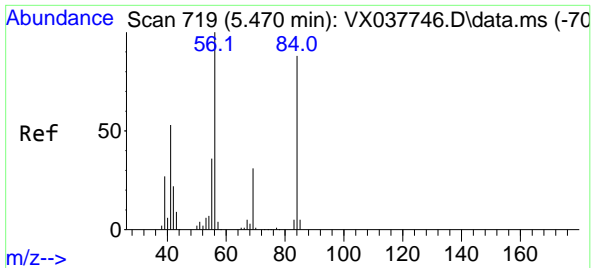
Tgt Ion: 76 Resp: 2519
 Ion Ratio Lower Upper
 76 100
 78 12.6 7.0 10.6#



#25
 2-Butanone
 Concen: 0.240 ug/l
 RT: 4.611 min Scan# 578
 Delta R.T. 0.043 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

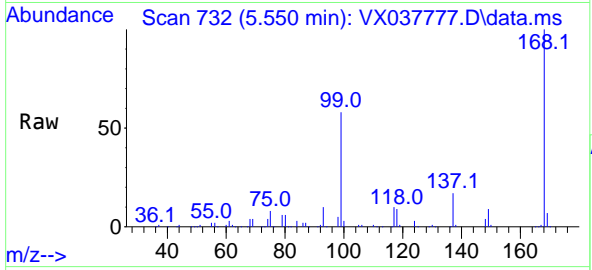
Tgt Ion: 43 Resp: 651
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#



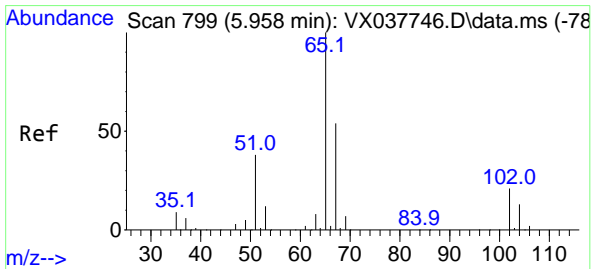
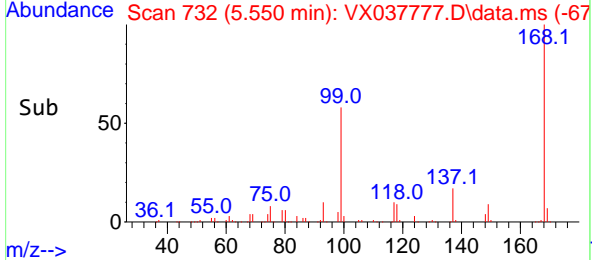
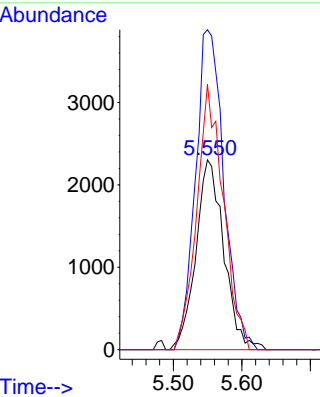


#31
 Cyclohexane
 Concen: 1.273 ug/l
 RT: 5.550 min Scan# 719
 Delta R.T. 0.079 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument : MSVOA_X
 ClientSampleId :

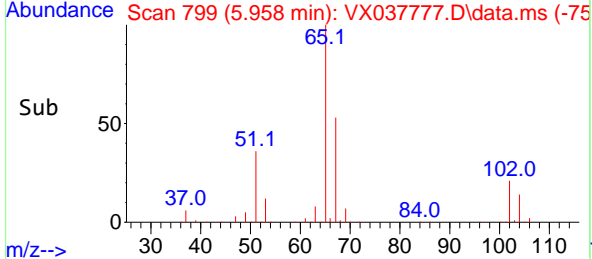
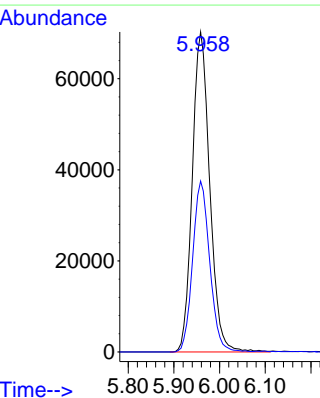
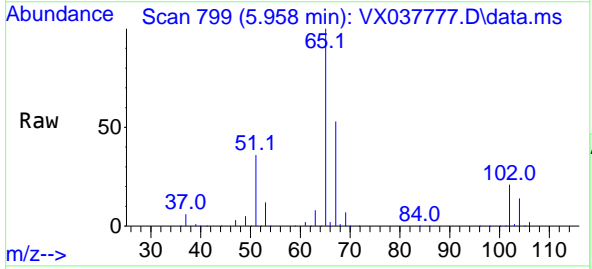


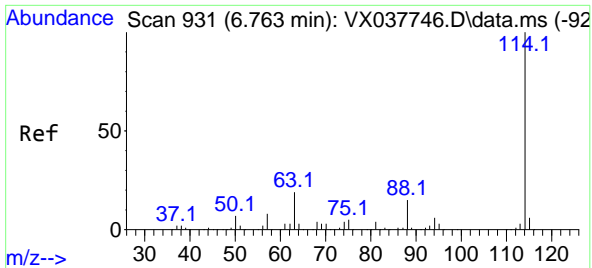
Tgt Ion: 56 Resp: 6533
 Ion Ratio Lower Upper
 56 100
 69 168.7 23.4 35.2#
 84 140.0 65.9 98.9#



#33
 1,2-Dichloroethane-d4
 Concen: 46.642 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

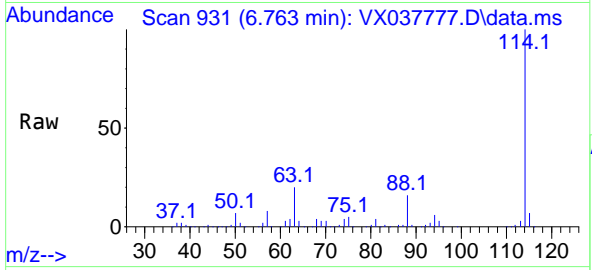
Tgt Ion: 65 Resp: 186513
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2





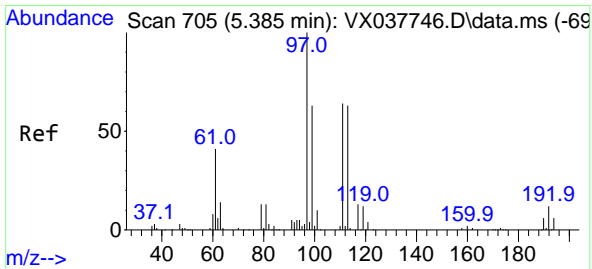
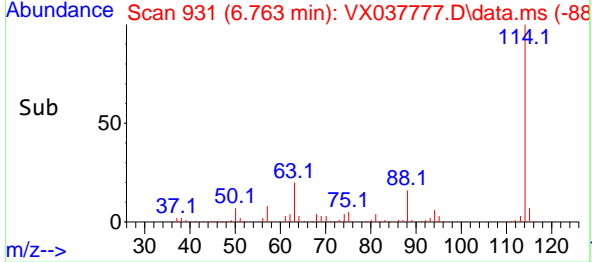
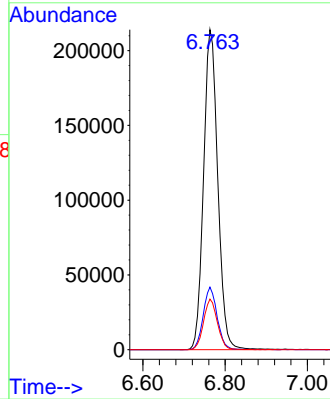
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument :
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 ClientSampleId :

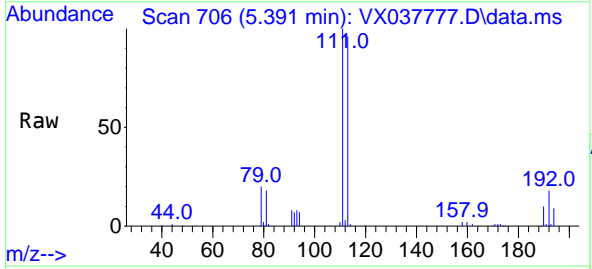


Tgt Ion:114 Resp: 512257

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	45.0
88	15.8	0.0	36.6

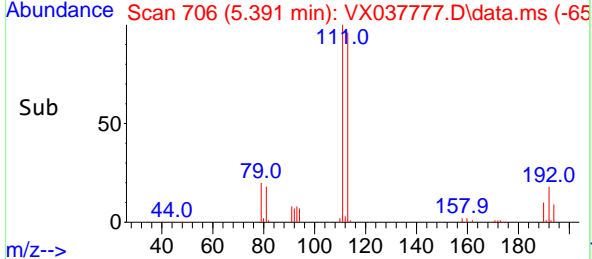
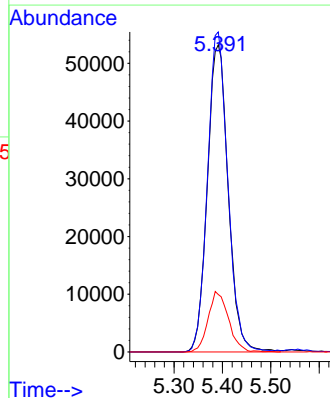


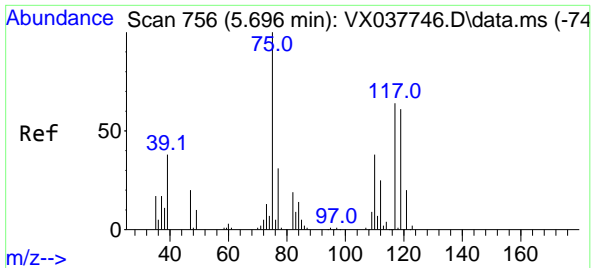
#35
 Dibromofluoromethane
 Concen: 46.542 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17



Tgt Ion:113 Resp: 159526

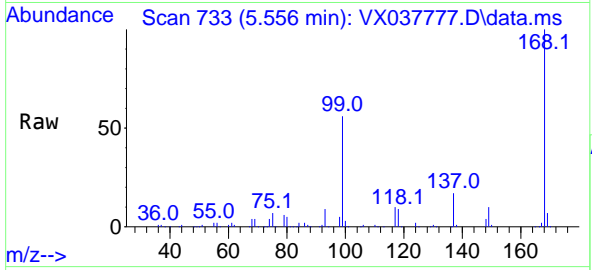
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	19.1	13.3	19.9



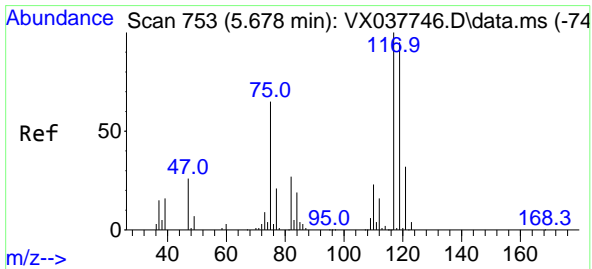
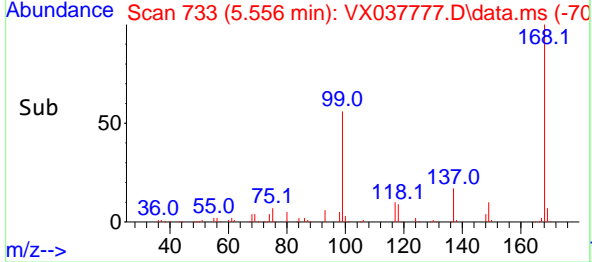
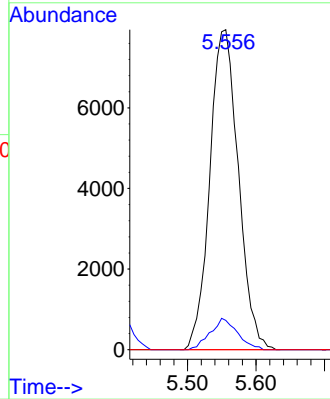


#36
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument : MSVOA_X
 ClientSampleId :

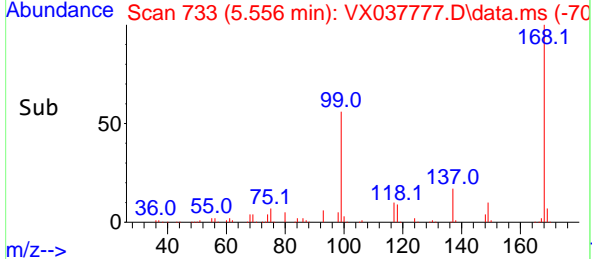
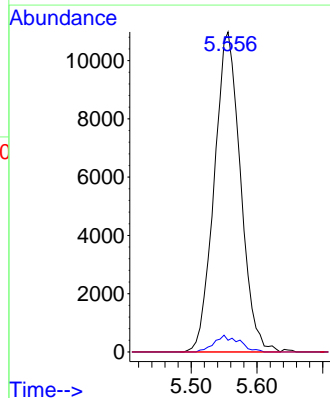
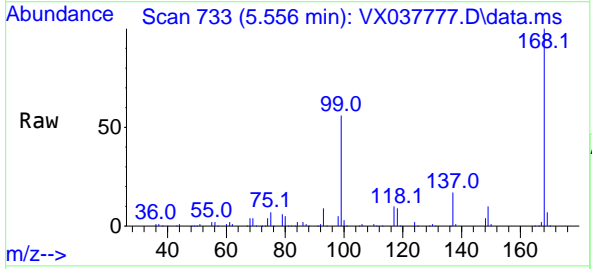


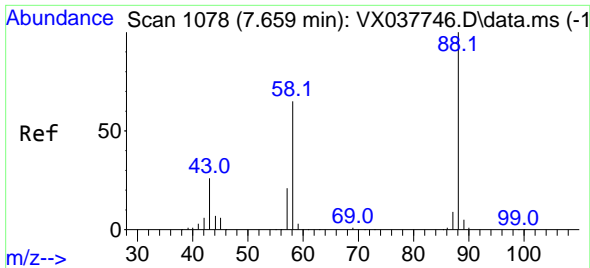
Tgt Ion: 75 Resp: 22964
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.162 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

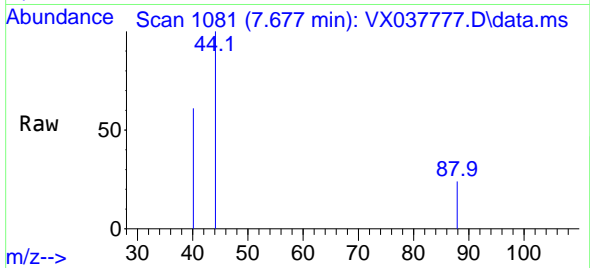
Tgt Ion: 117 Resp: 30440
 Ion Ratio Lower Upper
 117 100
 119 3.6 78.2 117.2#
 121 0.0 24.4 36.6#



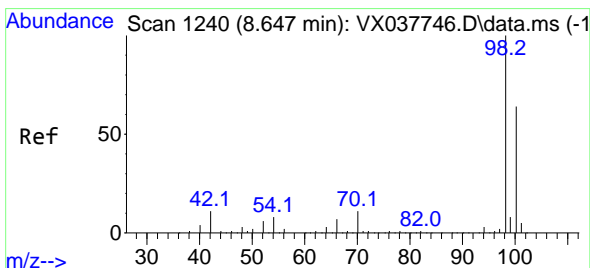
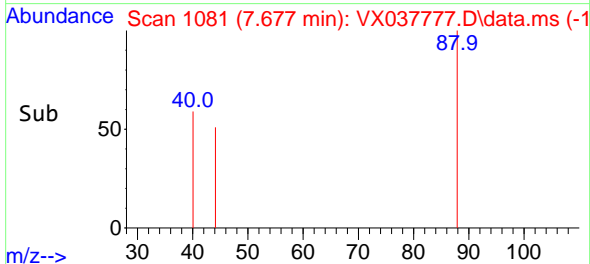
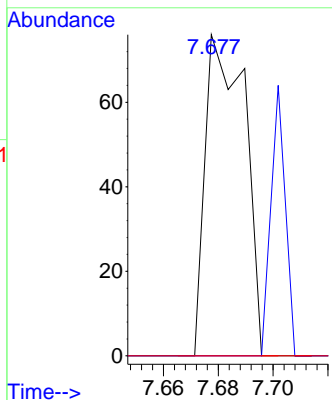


#49
 1,4-Dioxane
 Concen: 0.731 ug/l
 RT: 7.677 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

Instrument :
 MSVOA_X
 ClientSampleId :

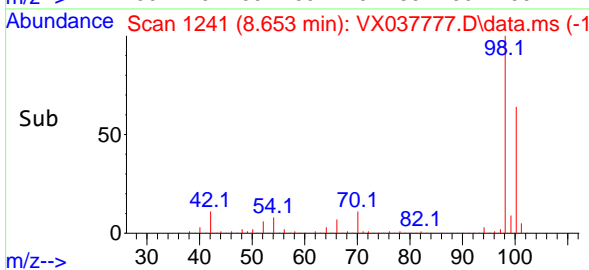
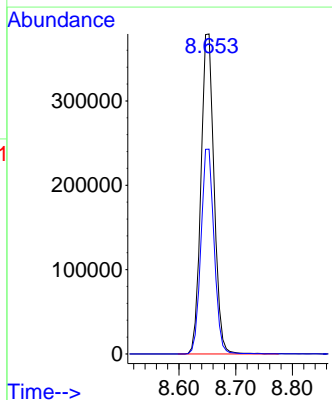
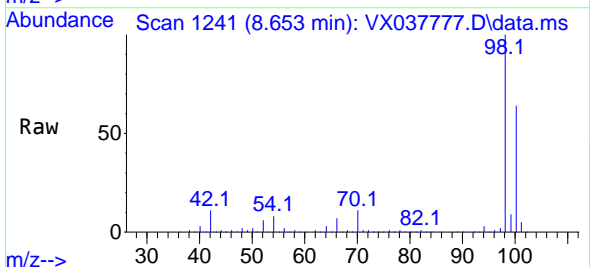


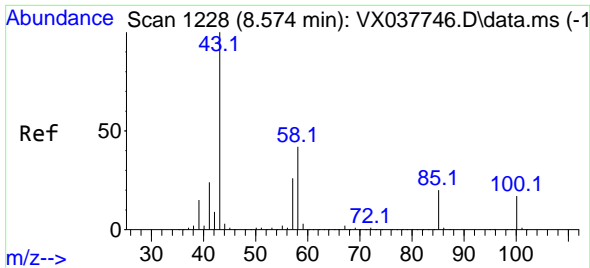
Tgt Ion: 88 Resp: 76
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 0.0 60.1 90.1#



#50
 Toluene-d8
 Concen: 47.937 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

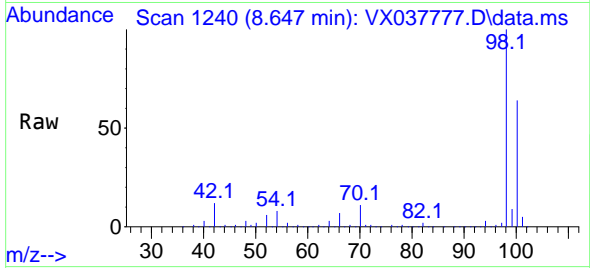
Tgt Ion: 98 Resp: 610495
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7



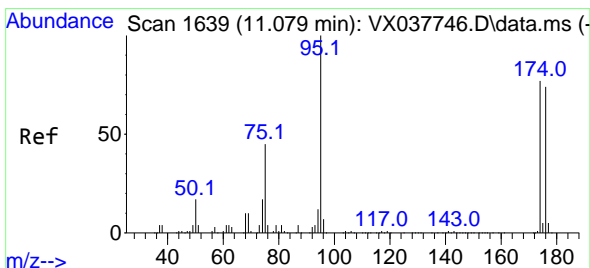
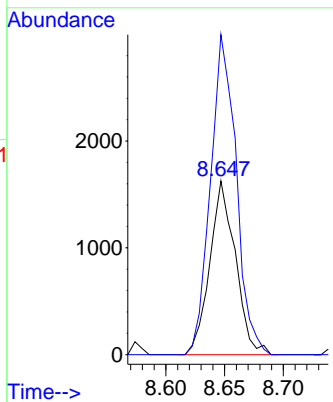
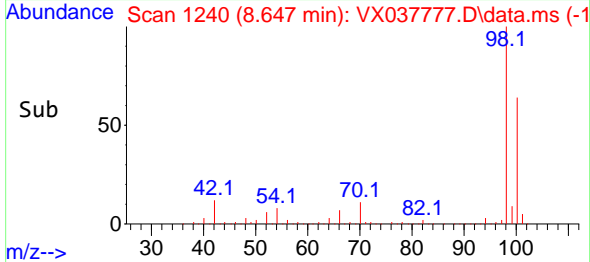


#51
 4-Methyl-2-Pentanone
 Concen: 0.470 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

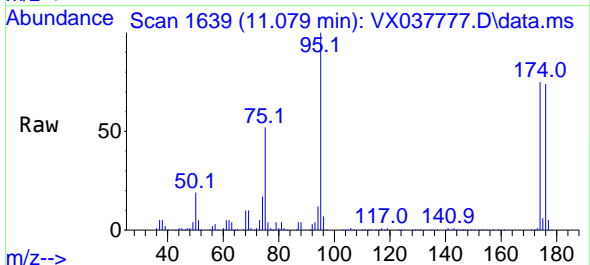
Instrument :
 MSVOA_X
 ClientSampleId :



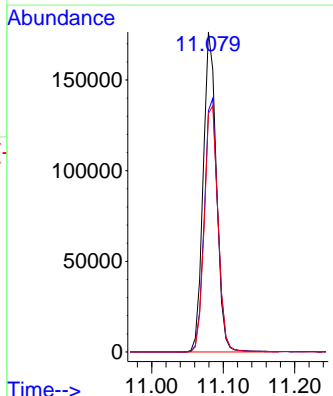
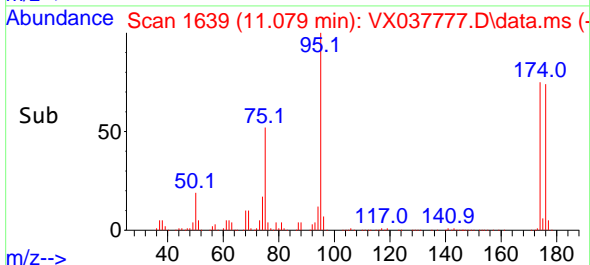
Tgt Ion: 43 Resp: 2473
 Ion Ratio Lower Upper
 43 100
 58 184.8 30.4 45.6#

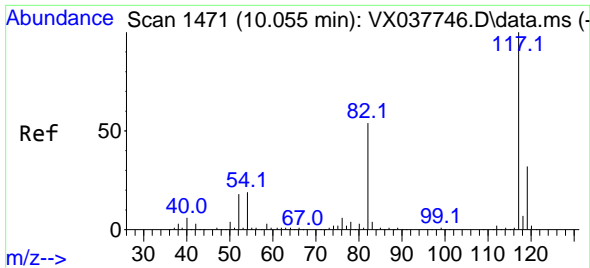


#62
 4-Bromofluorobenzene
 Concen: 49.191 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17



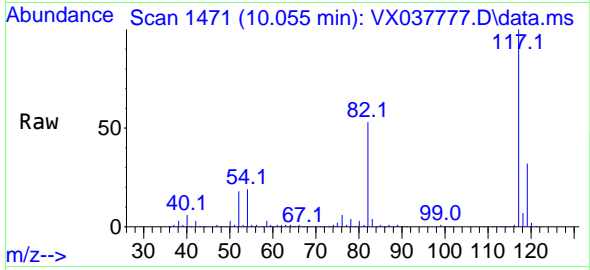
Tgt Ion: 95 Resp: 227648
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 135.6
 176 79.5 0.0 131.0



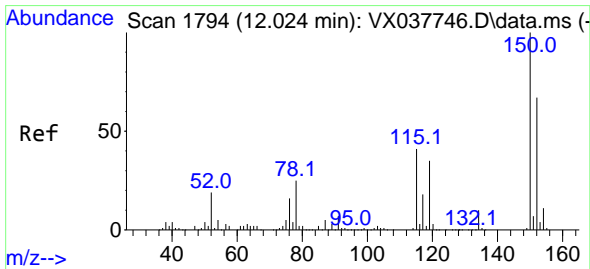
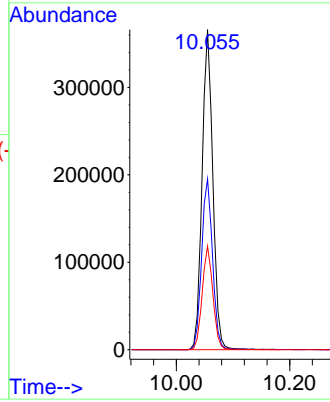
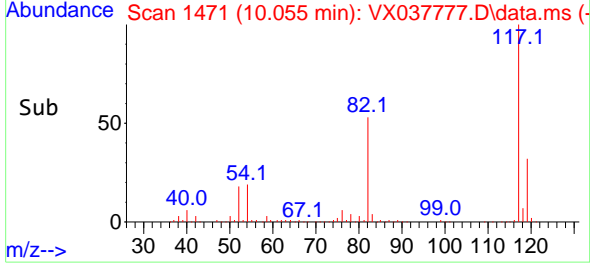


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

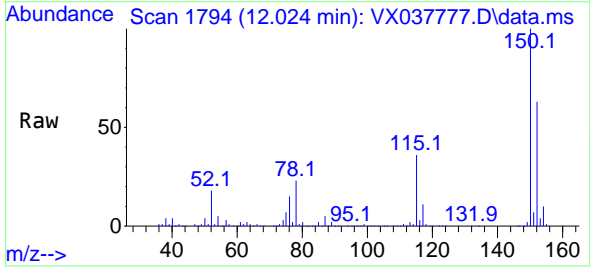
Instrument : MSVOA_X
 ClientSampleId :



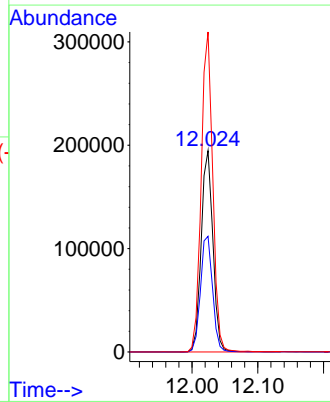
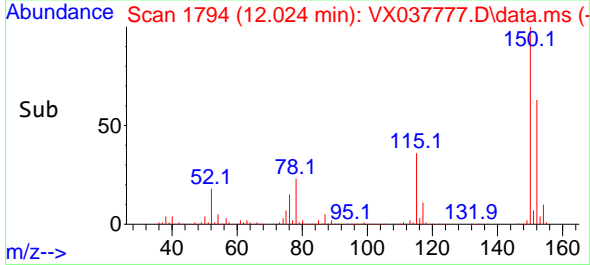
Tgt Ion:117 Resp: 481839
 Ion Ratio Lower Upper
 117 100
 82 53.4 46.2 69.4
 119 32.3 25.5 38.3

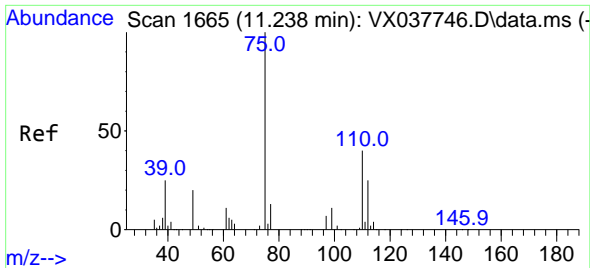


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17



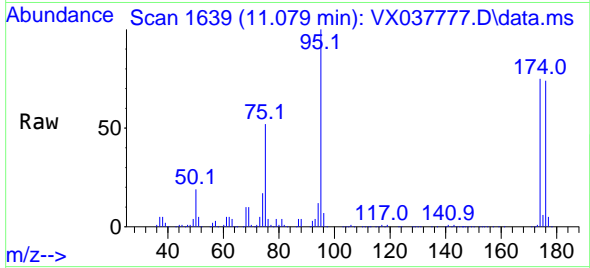
Tgt Ion:152 Resp: 241342
 Ion Ratio Lower Upper
 152 100
 115 59.3 43.3 129.9
 150 156.7 0.0 345.0



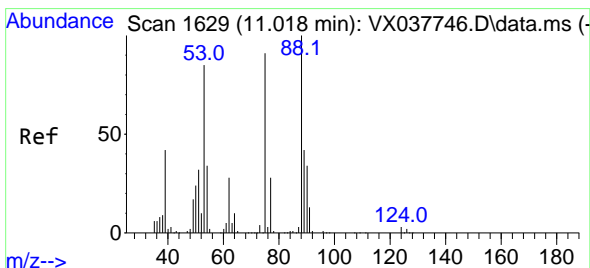
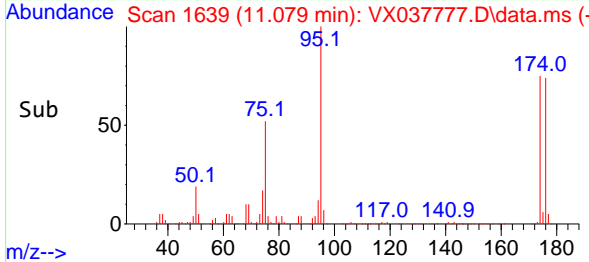
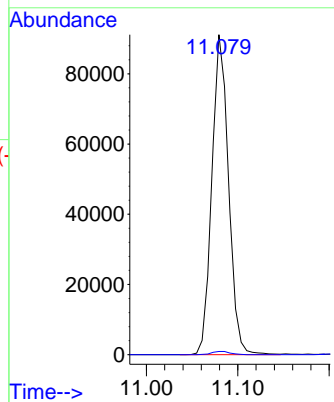


#76
 1,2,3-Trichloropropane
 Concen: 20.692 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17

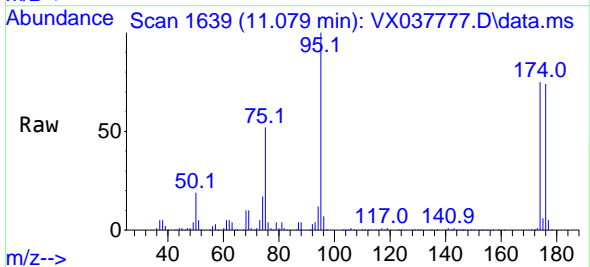
Instrument : MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 115505
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.285 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX037777.D
 Acq: 18 Sep 2023 15:17



Tgt Ion: 75 Resp: 115505
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

