

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037579.D
 Acq On : 07 Sep 2023 15:07
 Operator : JC/MD
 Sample : 04311-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

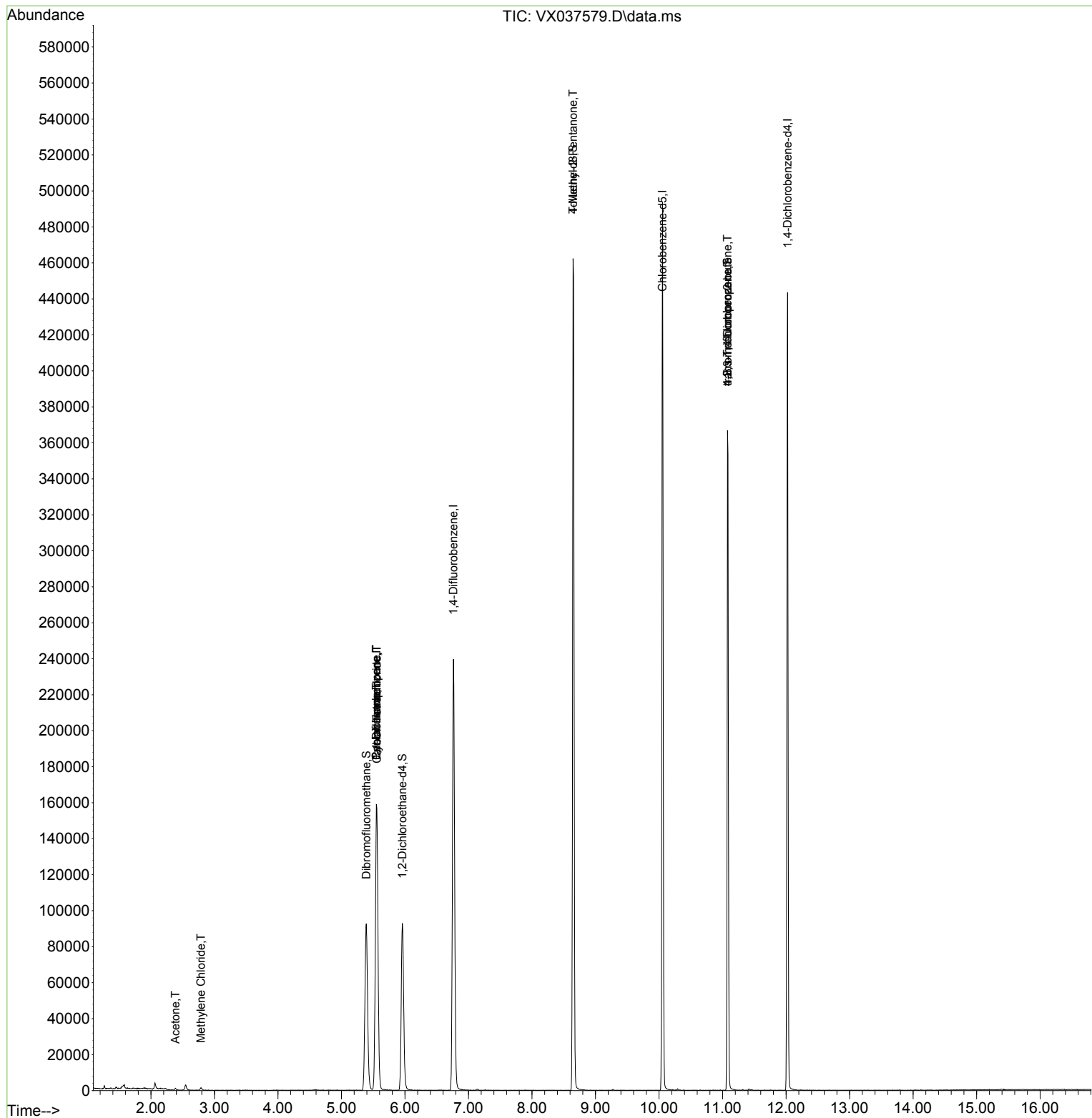
Internal Standards						
1) Pentafluorobenzene	5.550	168	154452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91072	40.900	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	81.800%	
35) Dibromofluoromethane	5.391	113	83777	48.831	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.660%	
50) Toluene-d8	8.647	98	294330	47.295	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.580%	
62) 4-Bromofluorobenzene	11.079	95	108795	44.485	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.960%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1179	1.353	ug/l	91
20) Methylene Chloride	2.788	84	861	0.442	ug/l #	74
31) Cyclohexane	5.550	56	2667	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11415	4.683	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15865	5.992	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1010	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51640	25.051	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51640	69.970	ug/l #	5

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

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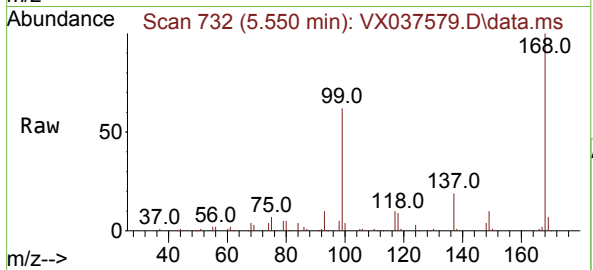
Quant Time: Sep 08 00:45:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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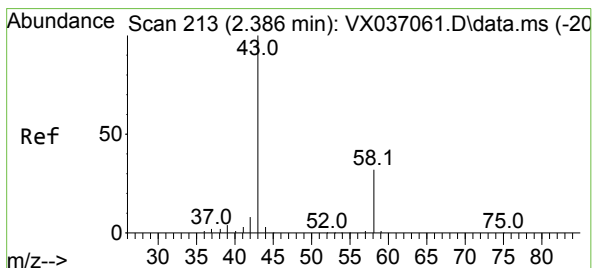
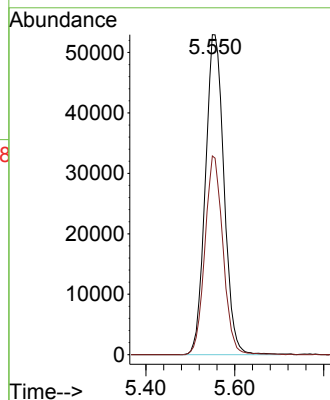
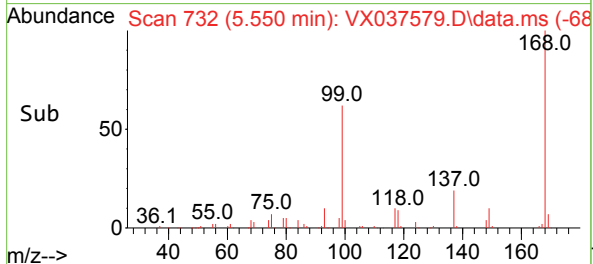


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

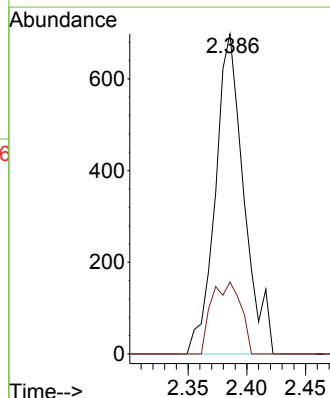
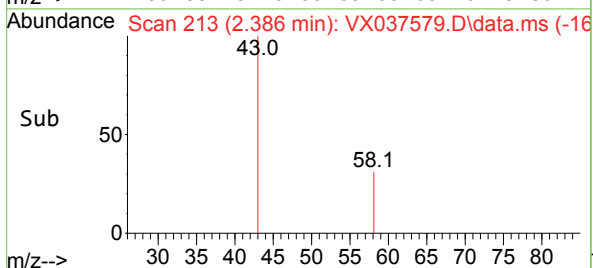
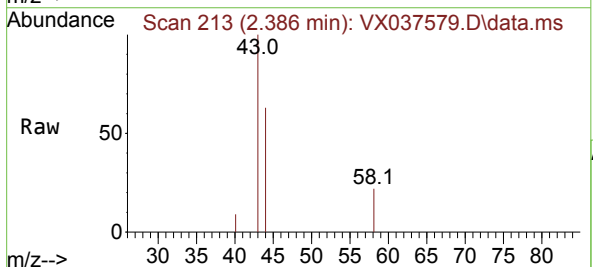


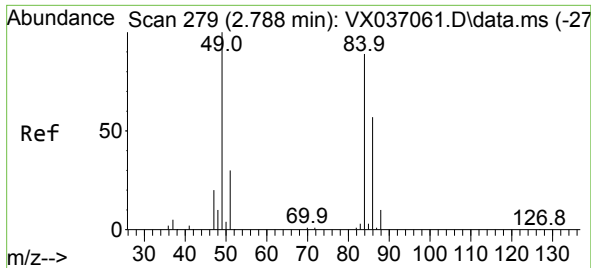
Tgt Ion:168 Resp: 154452
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 1.353 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 22.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.442 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

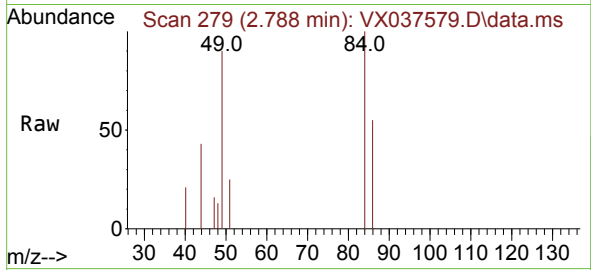
Lab File: VX037579.D

Acq: 07 Sep 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 861

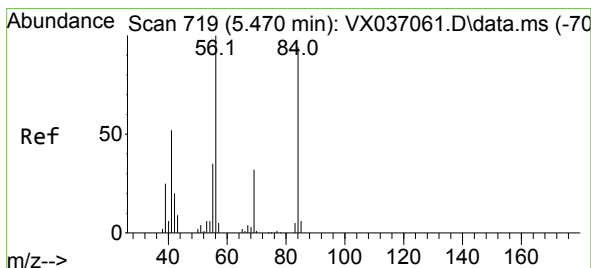
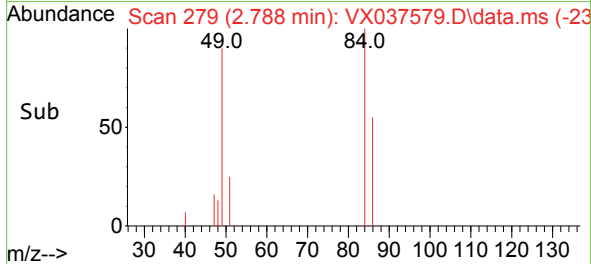
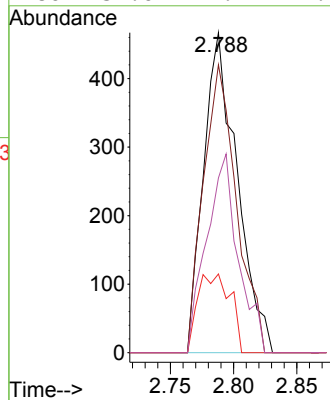
Ion Ratio Lower Upper

84 100

49 89.9 103.6 155.4#

51 24.6 33.8 50.6#

86 54.6 49.4 74.0



#31

Cyclohexane

Concen: 1.065 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037579.D

Acq: 07 Sep 2023 15:07

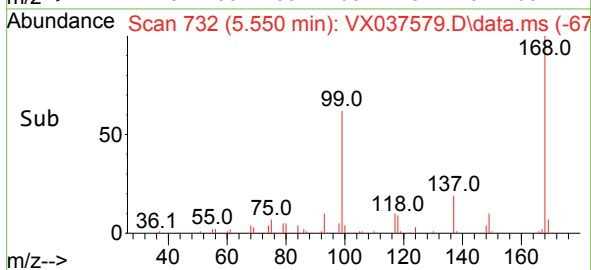
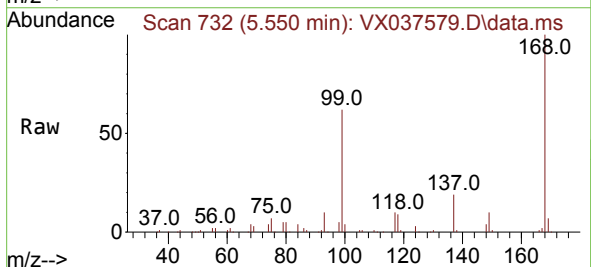
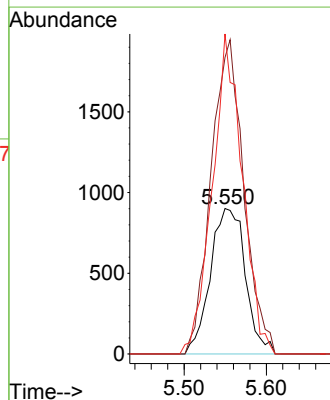
Tgt Ion: 56 Resp: 2667

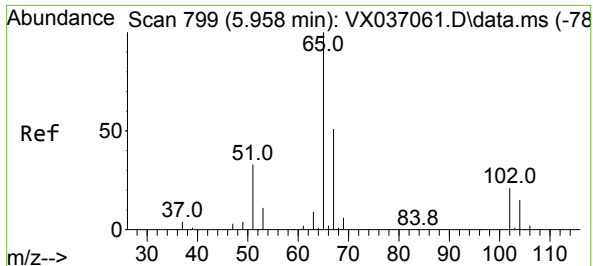
Ion Ratio Lower Upper

56 100

69 203.8 23.4 35.2#

84 220.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.900 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037579.D

Acq: 07 Sep 2023 15:07

Instrument :

MSVOA_X

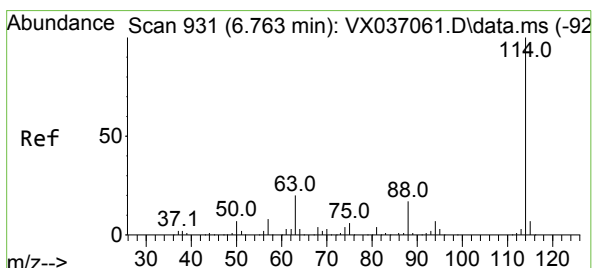
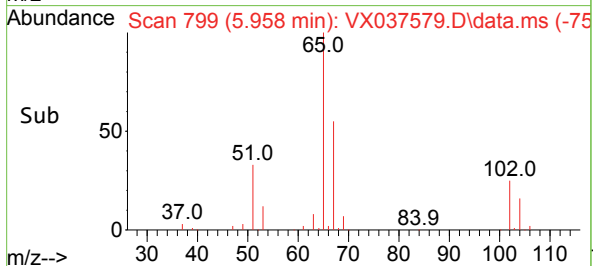
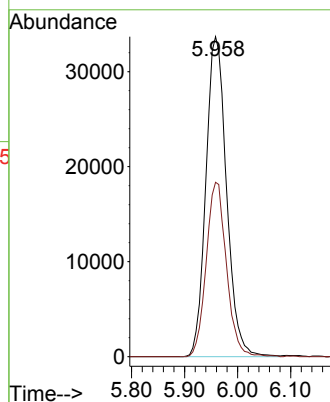
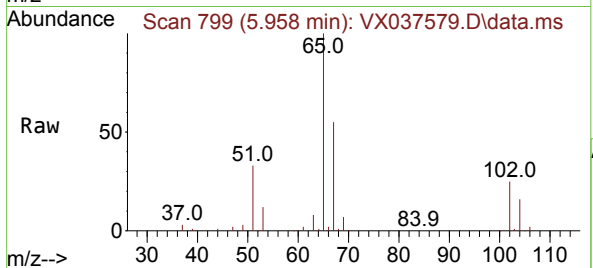
ClientSampleId :

Tgt Ion: 65 Resp: 91072

Ion Ratio Lower Upper

65 100

67 53.4 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: VX037579.D

Acq: 07 Sep 2023 15:07

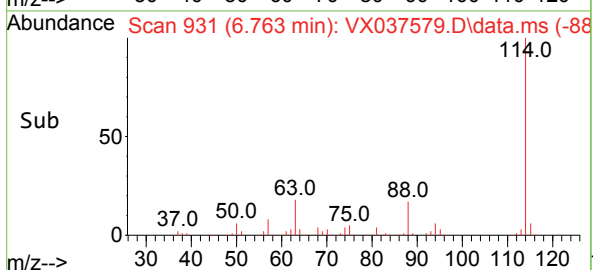
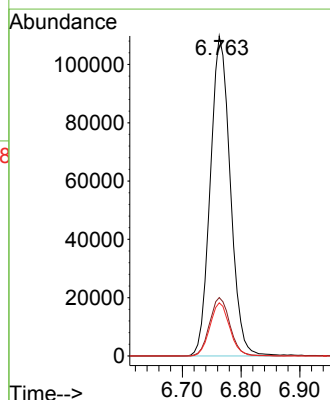
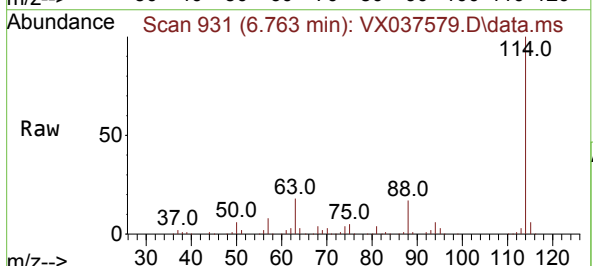
Tgt Ion: 114 Resp: 259054

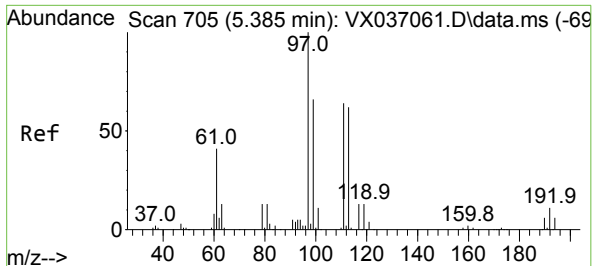
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

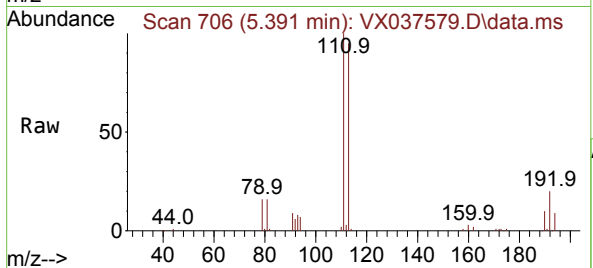
88 16.6 0.0 36.6



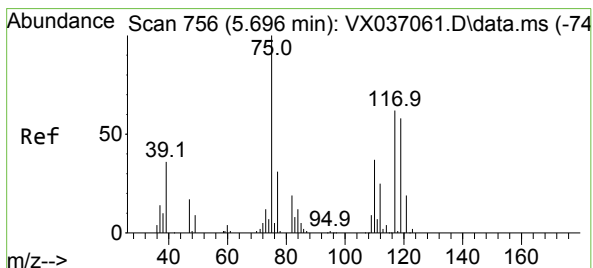
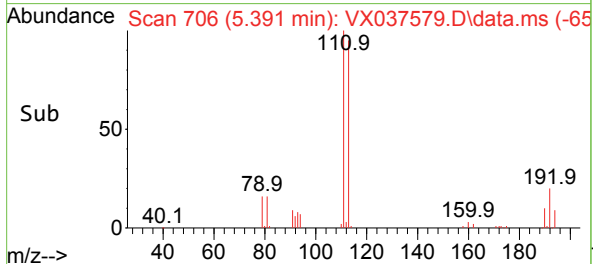
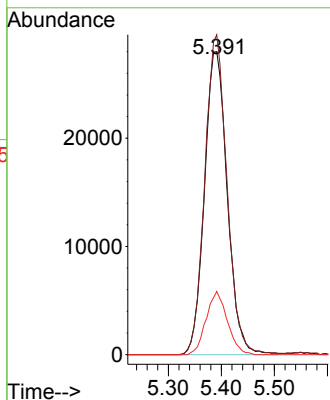


#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

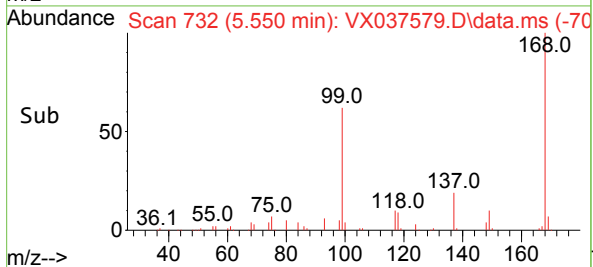
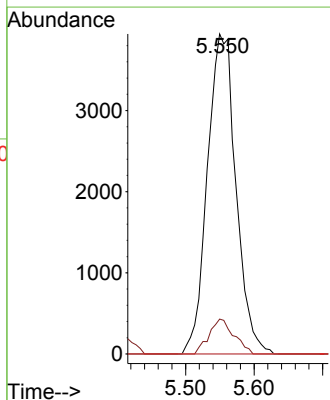
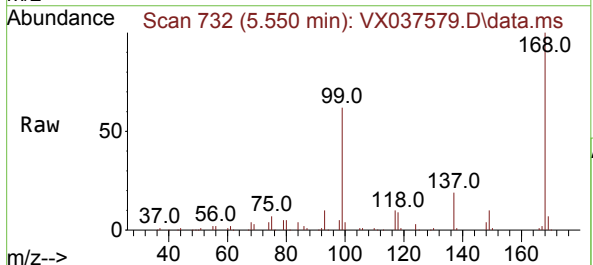


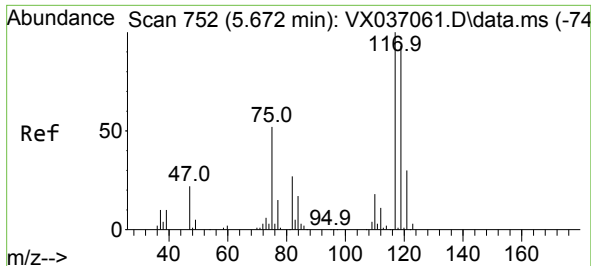
Tgt Ion:113 Resp: 83777
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.683 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

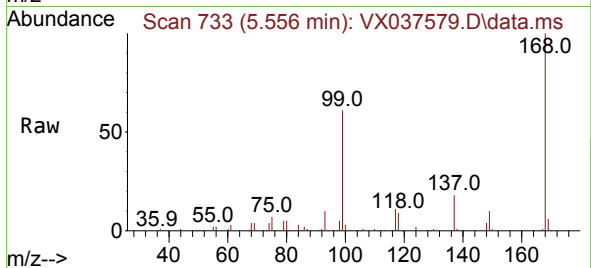
Tgt Ion: 75 Resp: 11415
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



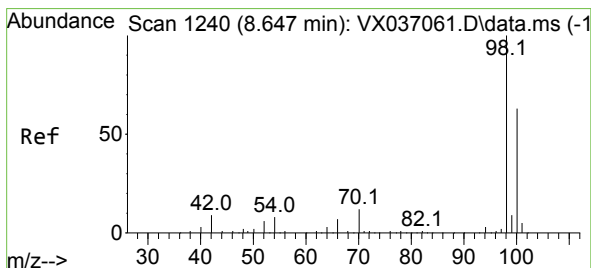
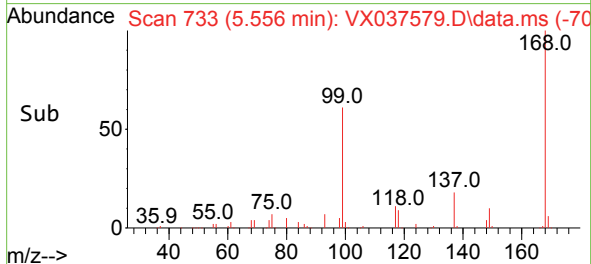
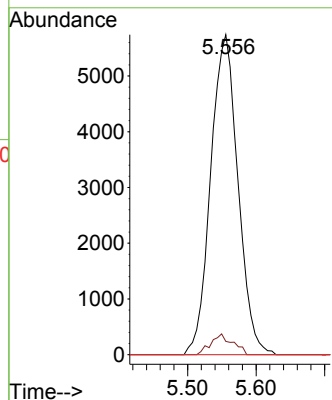


#38
Carbon Tetrachloride
Concen: 5.992 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

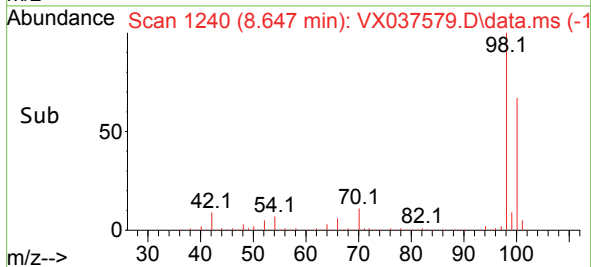
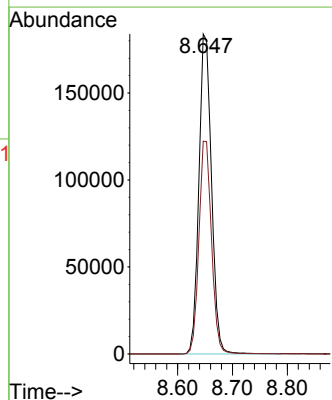
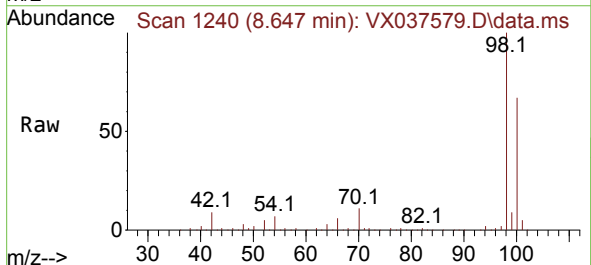


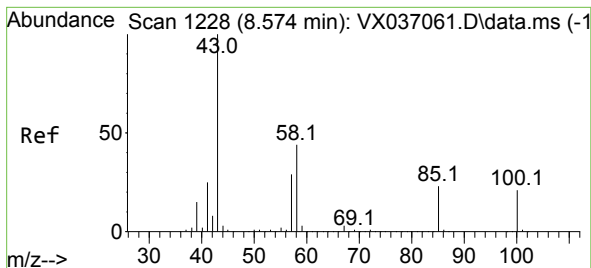
Tgt Ion:117 Resp: 15865
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.295 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion: 98 Resp: 294330
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

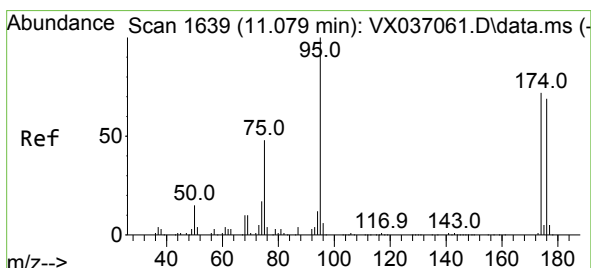
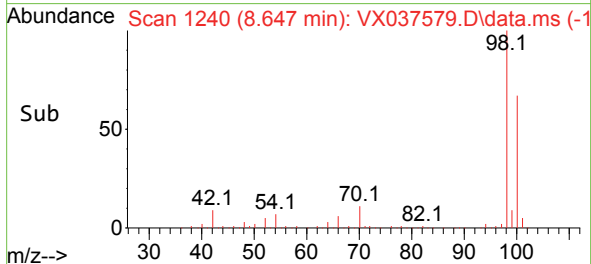
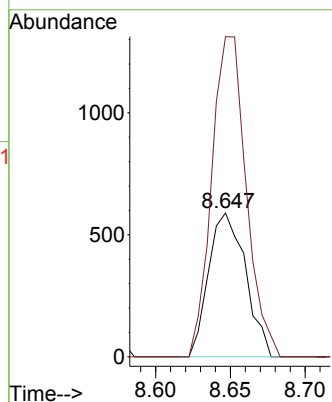
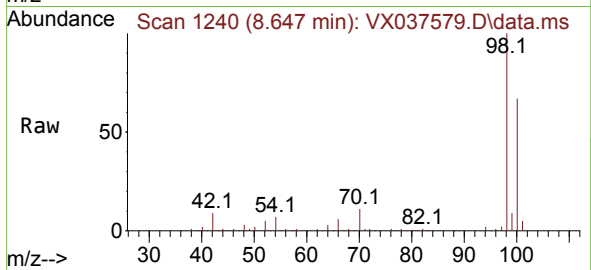




#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

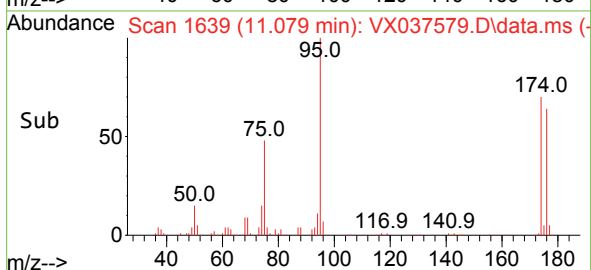
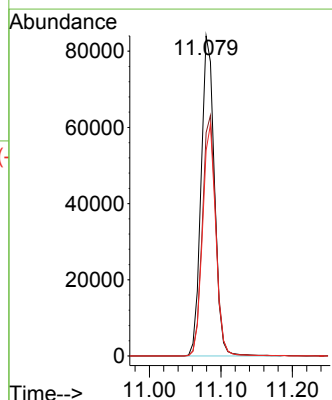
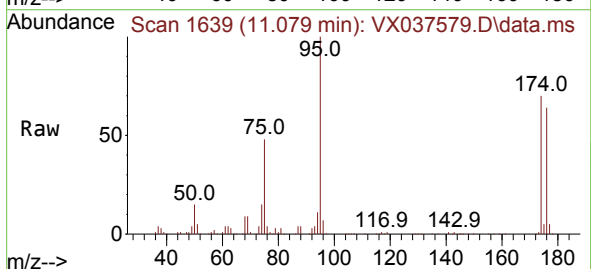
Instrument :
MSVOA_X
ClientSampleId :

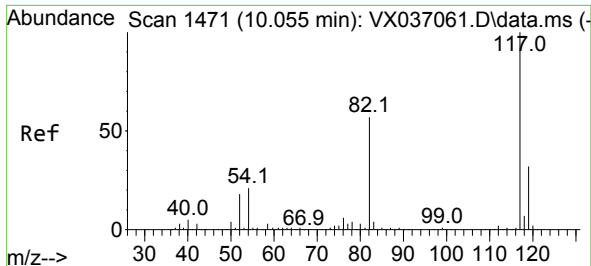
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 208.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

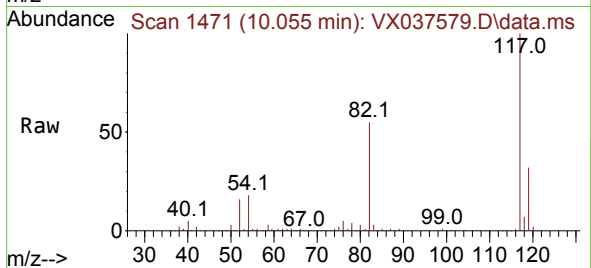
Tgt Ion: 95 Resp: 108795
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 71.9 0.0 131.0



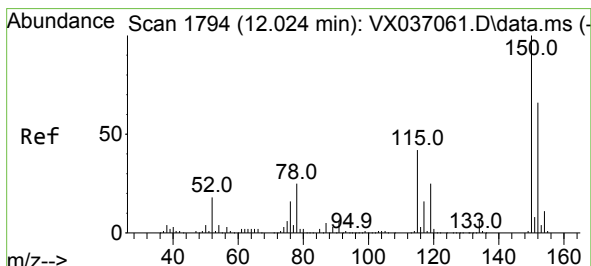
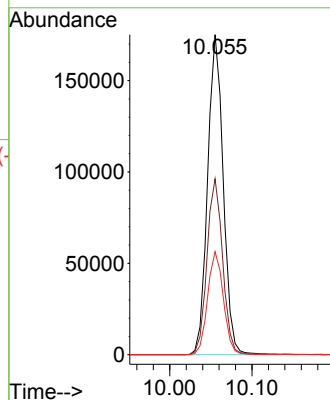
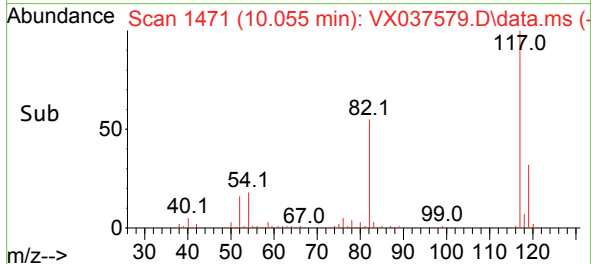


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

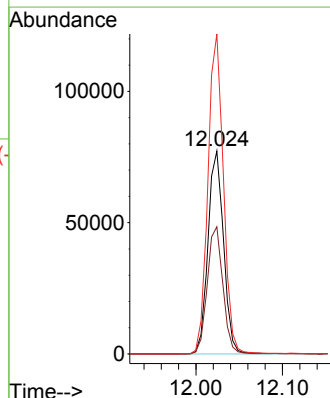
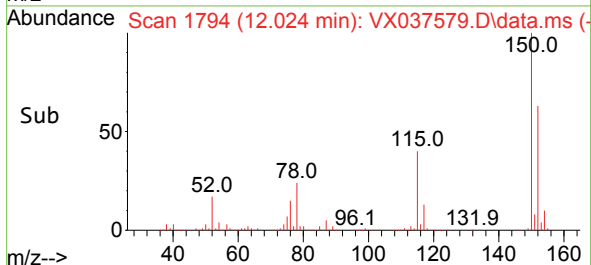
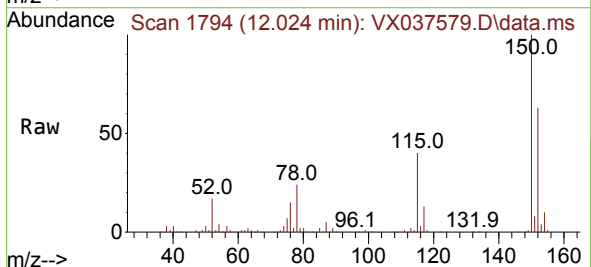


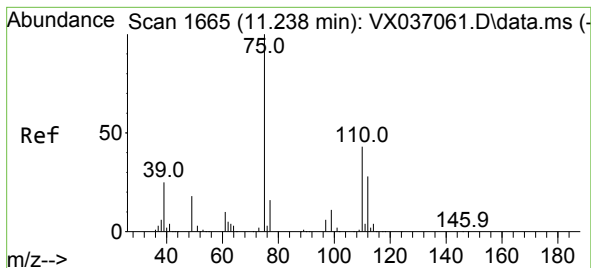
Tgt Ion:117 Resp: 231233
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion:152 Resp: 96792
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.051 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037579.D

Acq: 07 Sep 2023 15:07

Instrument :

MSVOA_X

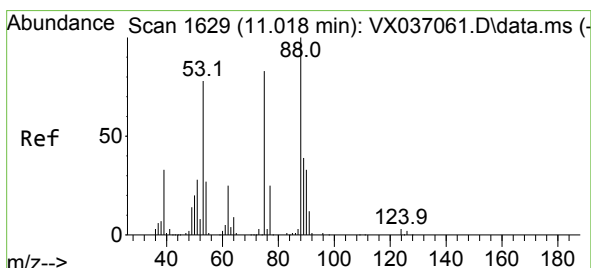
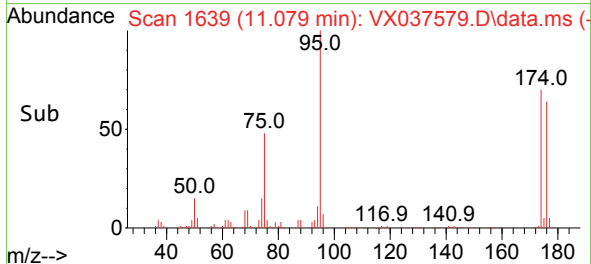
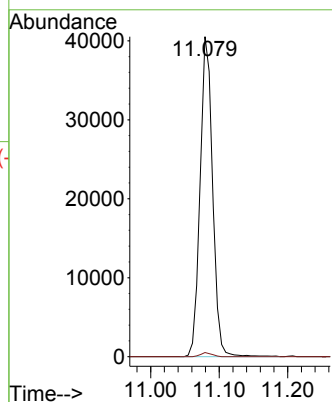
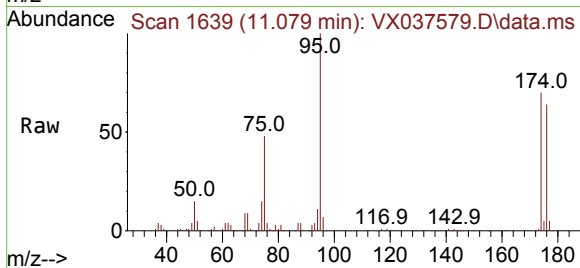
ClientSampleId :

Tgt Ion: 75 Resp: 51640

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.970 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037579.D

Acq: 07 Sep 2023 15:07

Tgt Ion: 75 Resp: 51640

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

