

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037956.D
 Acq On : 28 Sep 2023 17:44
 Operator : JC/MD
 Sample : 04662-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 29 05:49:04 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)

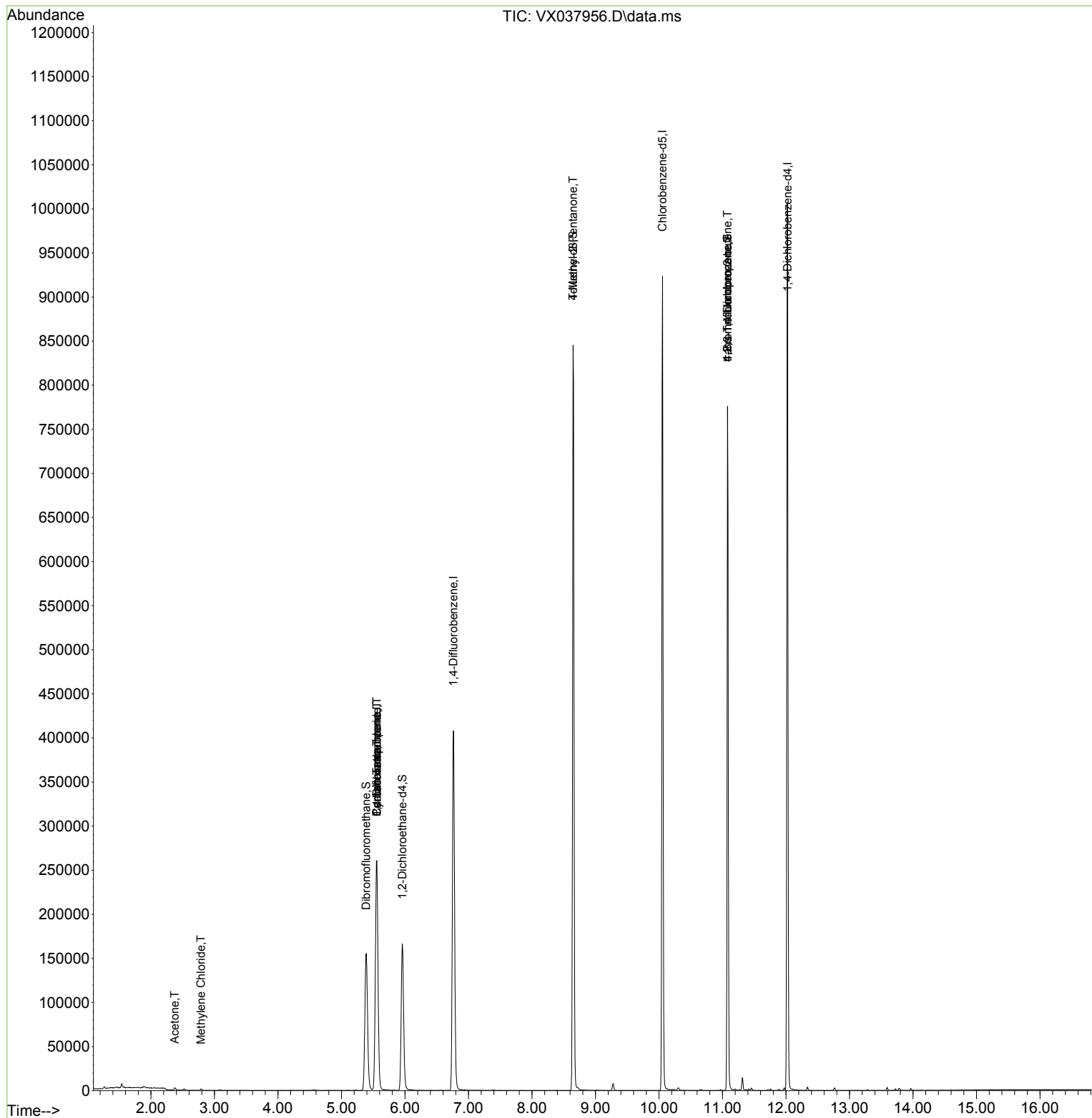
Internal Standards						
1) Pentafluorobenzene	5.556	168	256693	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	434798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157888	46.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	137374	47.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.647	98	514863	47.630	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.260%
62) 4-Bromofluorobenzene	11.079	95	198810	50.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.220%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	2859	1.762	ug/l	95
20) Methylene Chloride	2.788	84	752	0.226	ug/l	# 88
31) Cyclohexane	5.556	56	5265	1.216	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	18914	4.719	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	25354	6.046	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1919	0.429	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	101941	20.259	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	101941	64.897	ug/l	# 5

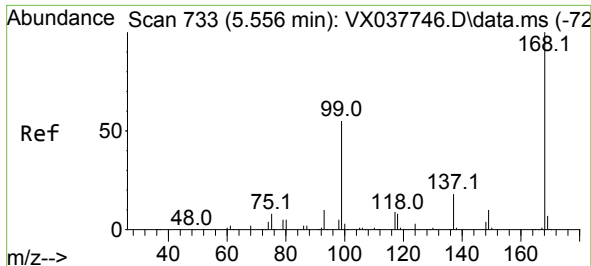
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
Data File : VX037956.D
Acq On : 28 Sep 2023 17:44
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

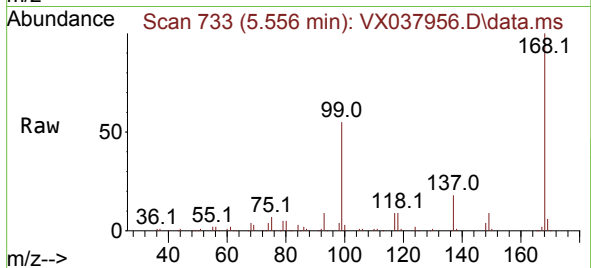
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



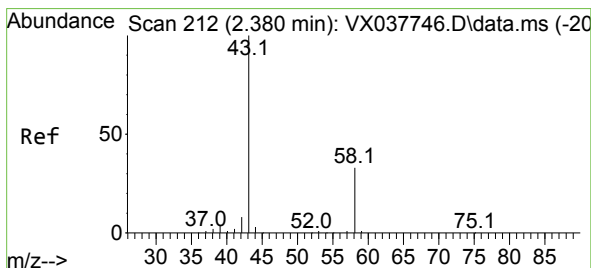
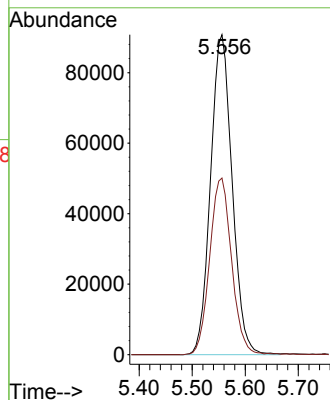
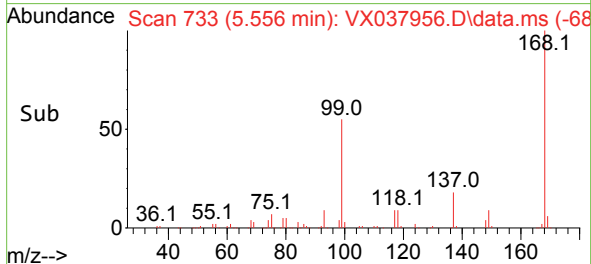


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

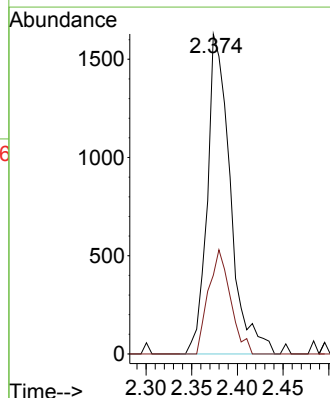
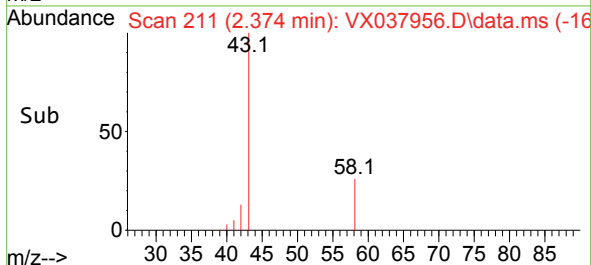
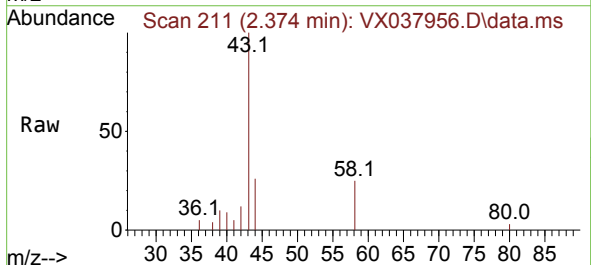


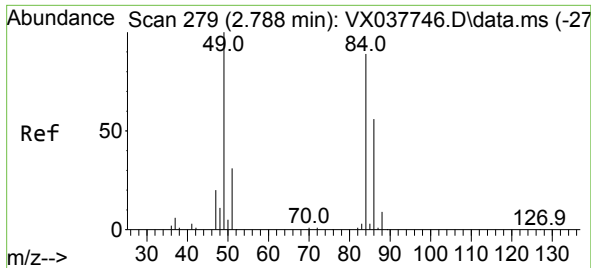
Tgt Ion:168 Resp: 256693
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0#



#16
Acetone
Concen: 1.762 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

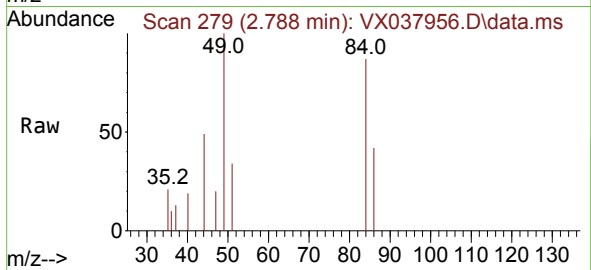
Tgt Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
58 24.6 21.9 32.9



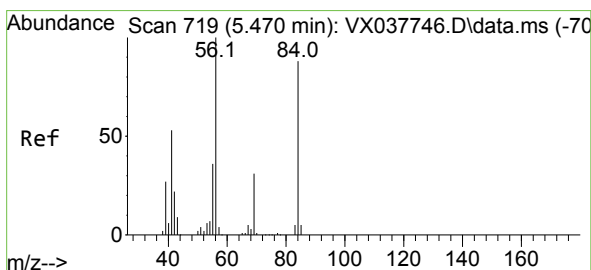
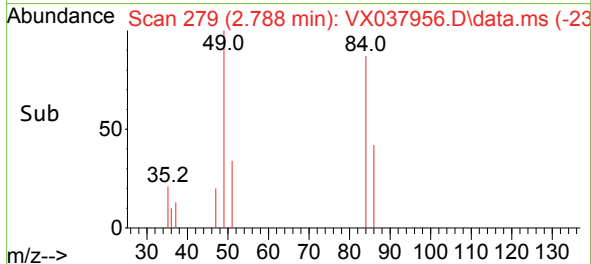
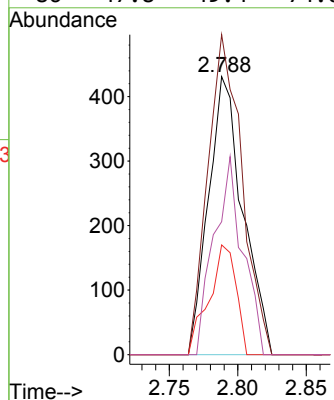


#20
Methylene Chloride
Concen: 0.226 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

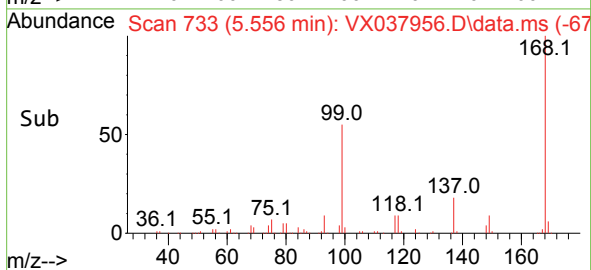
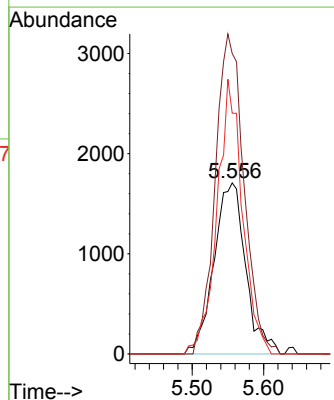
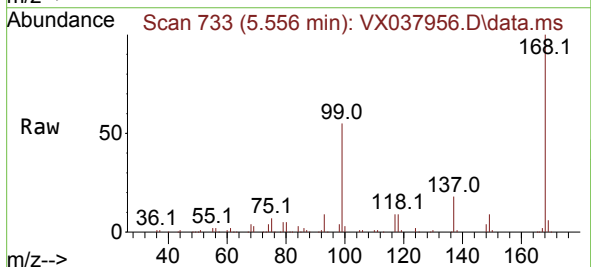


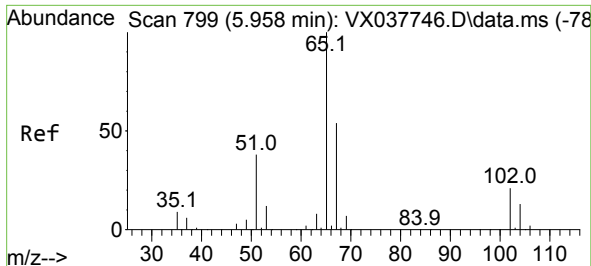
Tgt Ion:	84	Resp:	752
Ion	Ratio	Lower	Upper
84	100		
49	115.1	103.6	155.4
51	39.4	33.8	50.6
86	47.8	49.4	74.0#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Tgt Ion:	56	Resp:	5265
Ion	Ratio	Lower	Upper
56	100		
69	175.6	23.4	35.2#
84	140.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.816 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037956.D

Acq: 28 Sep 2023 17:44

Instrument :

MSVOA_X

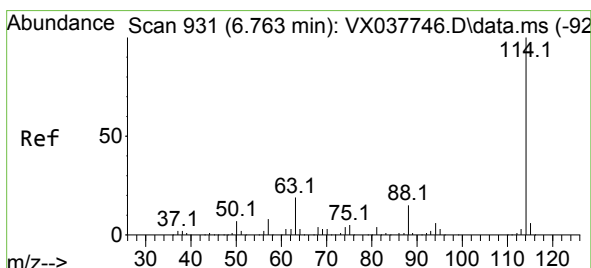
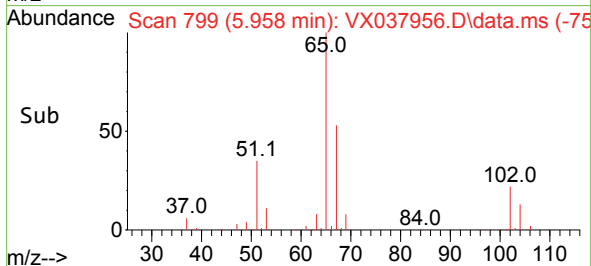
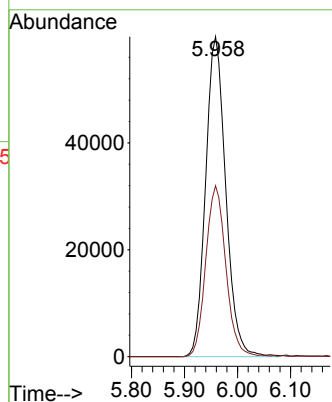
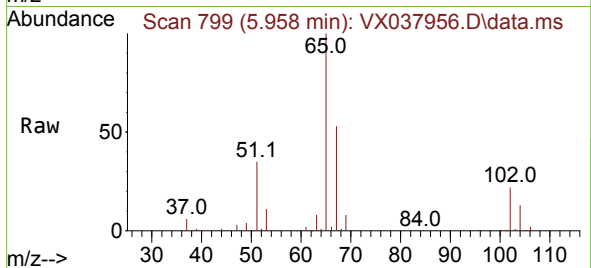
ClientSampleId :

Tgt Ion: 65 Resp: 157888

Ion Ratio Lower Upper

65 100

67 53.5 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: VX037956.D

Acq: 28 Sep 2023 17:44

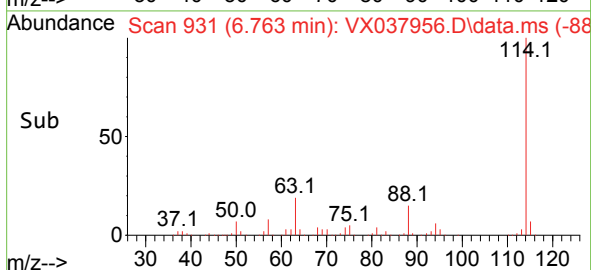
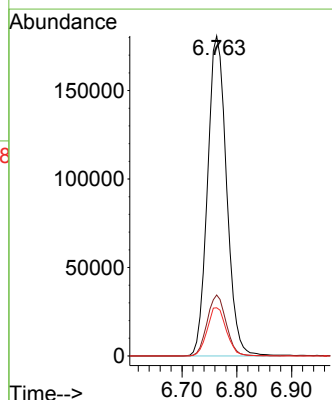
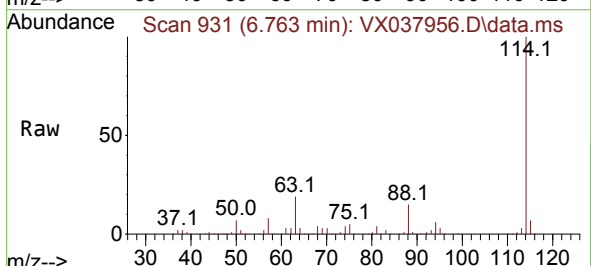
Tgt Ion: 114 Resp: 434798

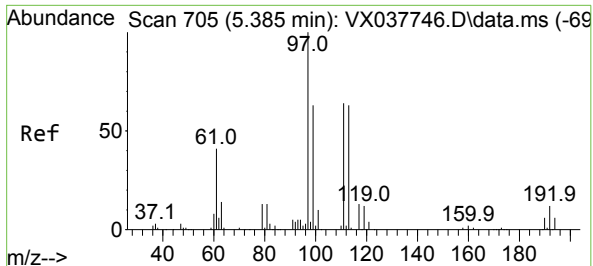
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

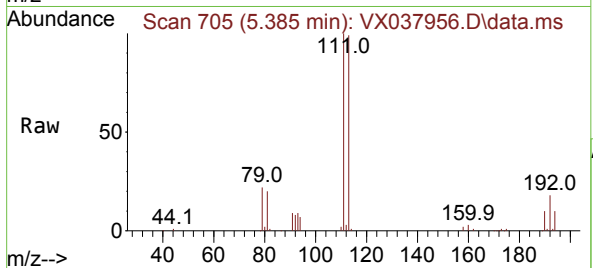
88 15.1 0.0 36.6



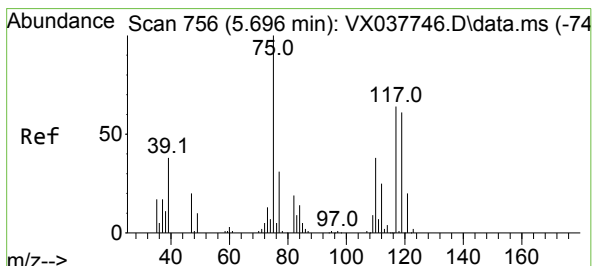
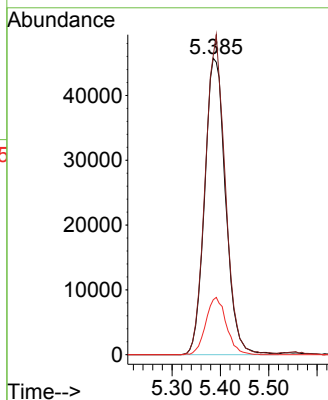
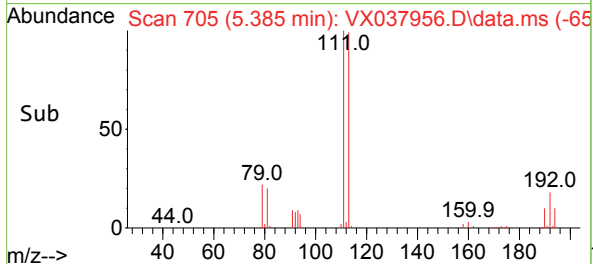


#35
Dibromofluoromethane
Concen: 47.220 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

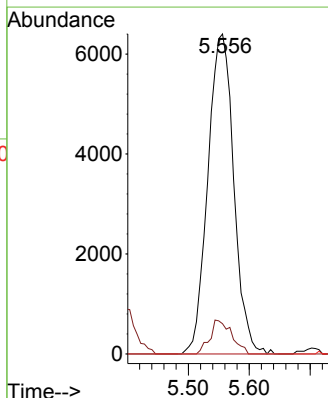
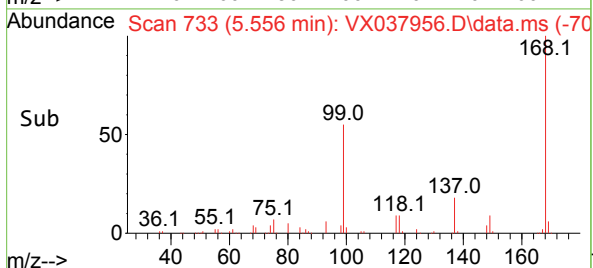
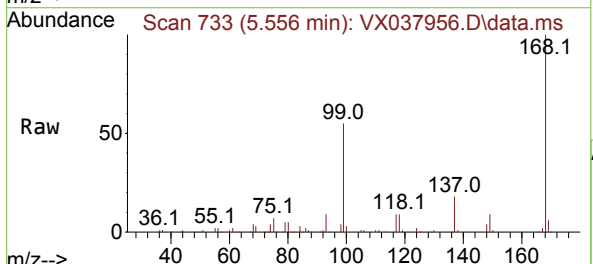


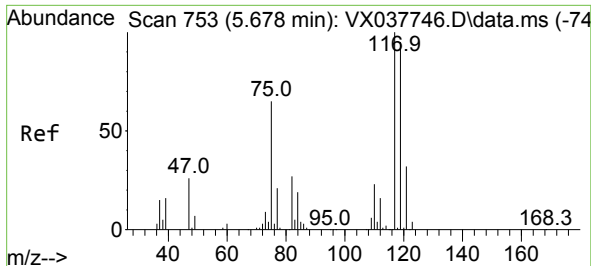
Tgt Ion:113 Resp: 137374
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

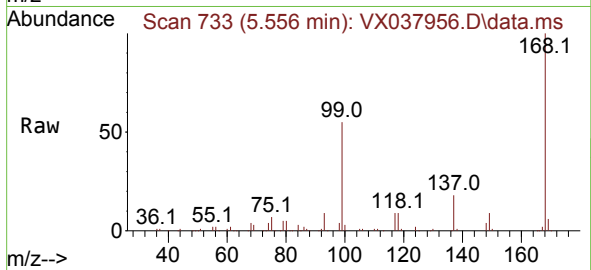
Tgt Ion: 75 Resp: 18914
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



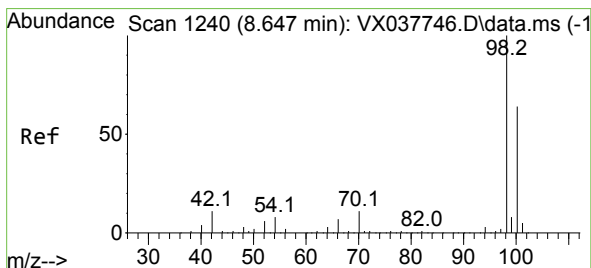
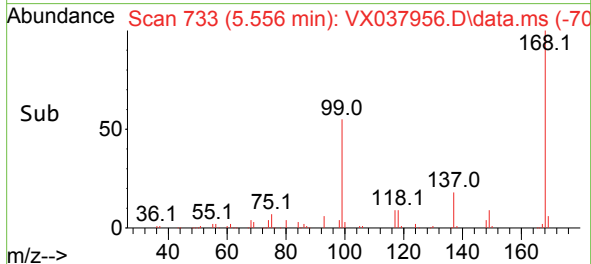
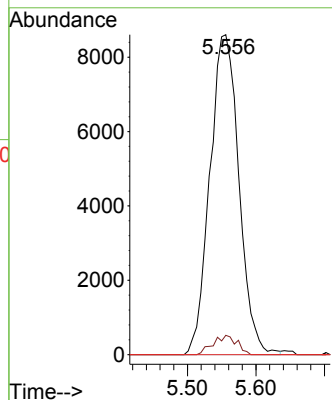


#38
Carbon Tetrachloride
Concen: 6.046 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

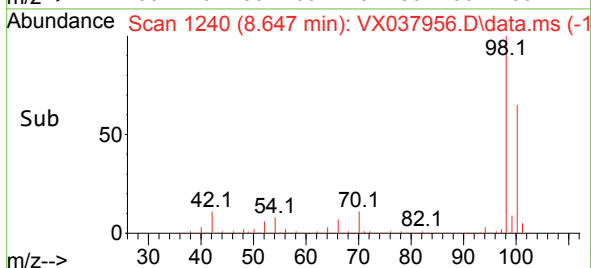
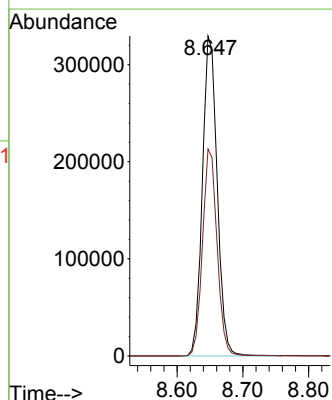
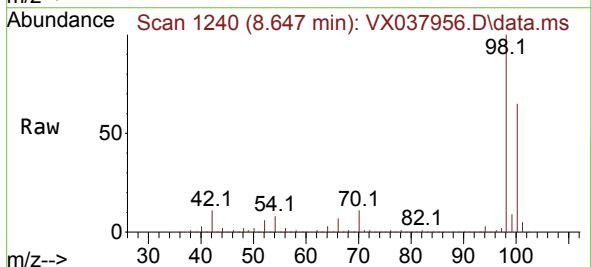


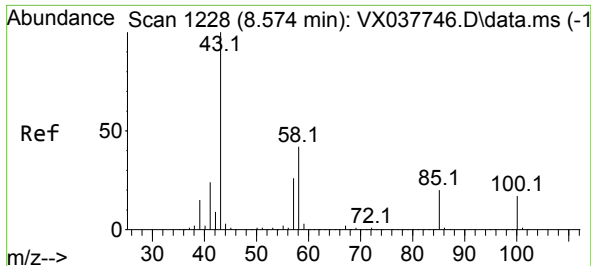
Tgt Ion:117 Resp: 25354
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.630 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Tgt Ion: 98 Resp: 514863
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

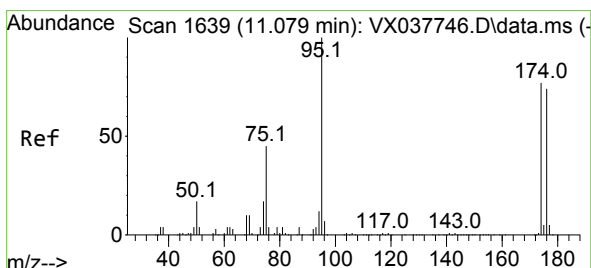
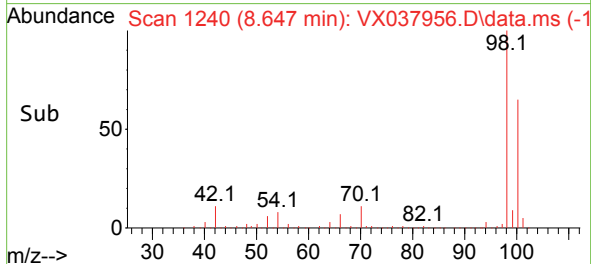
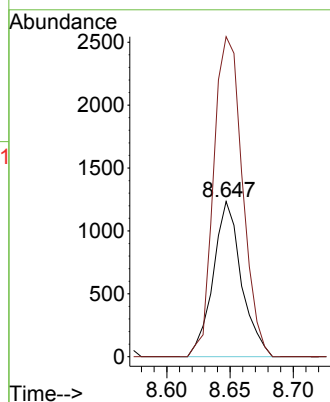
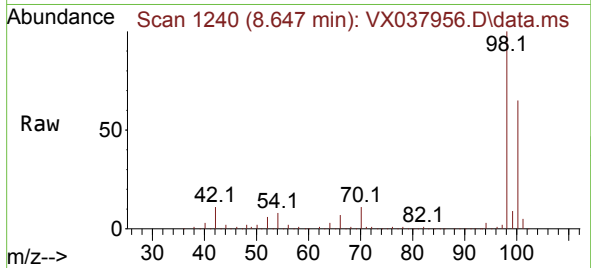




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

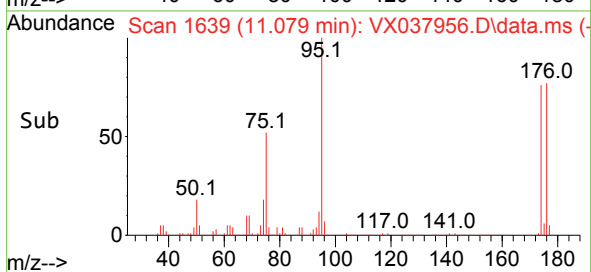
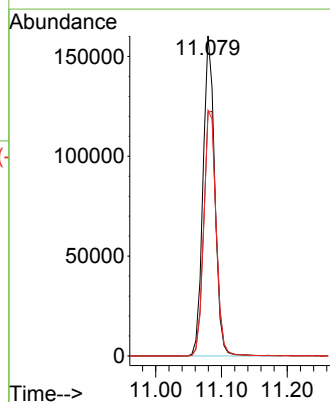
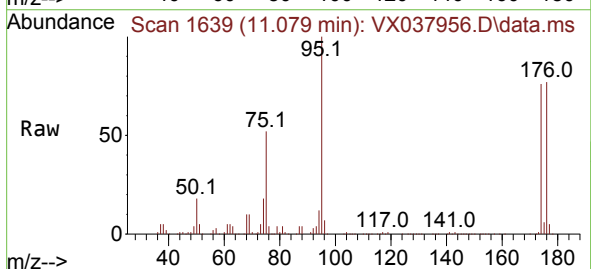
Instrument :
MSVOA_X
ClientSampleId :

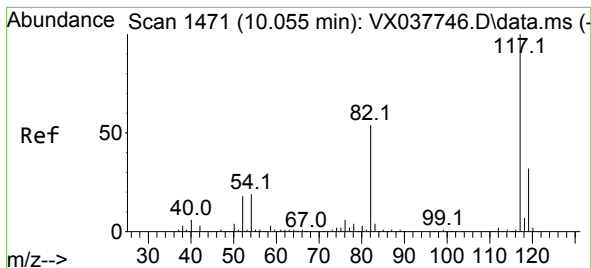
Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 210.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Tgt Ion: 95 Resp: 198810
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 80.3 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: VX037956.D

Acq: 28 Sep 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

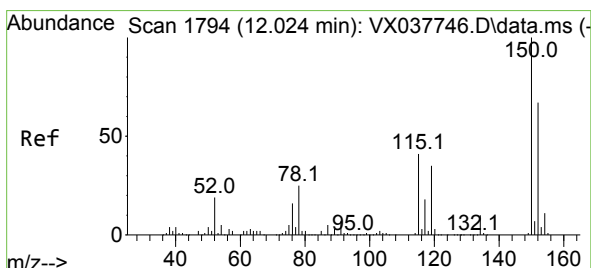
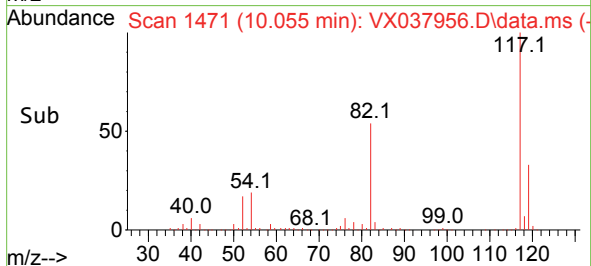
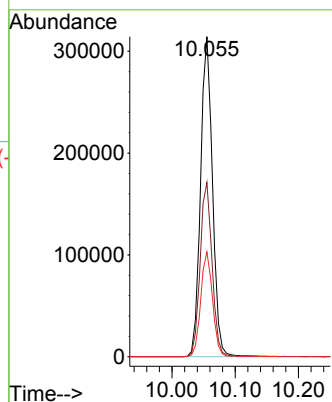
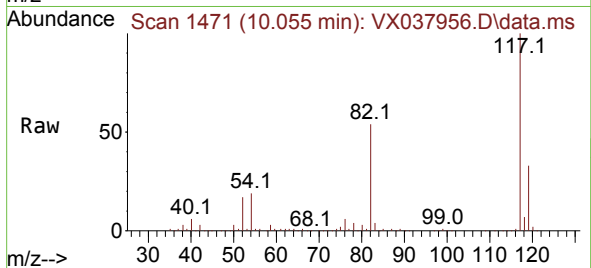
Tgt Ion:117 Resp: 413246

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 32.8 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: VX037956.D

Acq: 28 Sep 2023 17:44

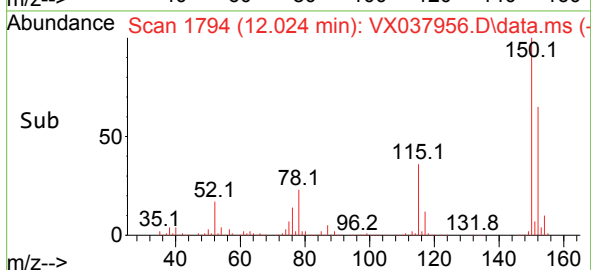
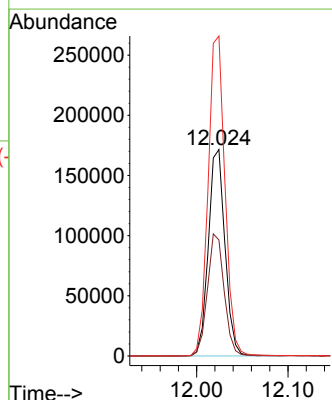
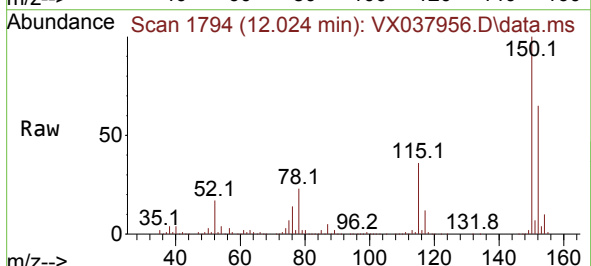
Tgt Ion:152 Resp: 217557

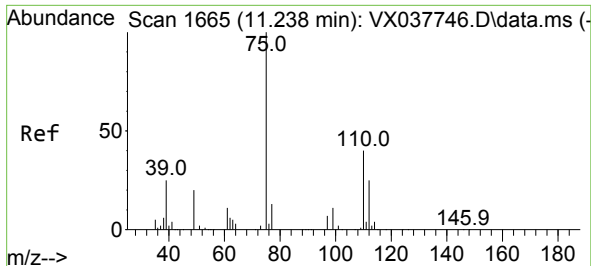
Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 156.8 0.0 345.0

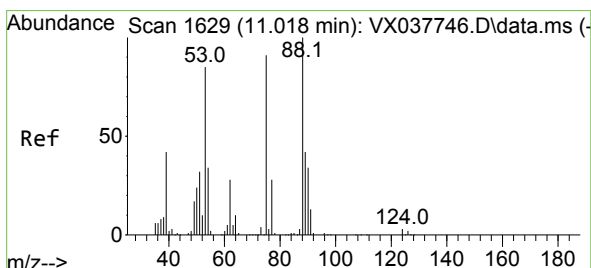
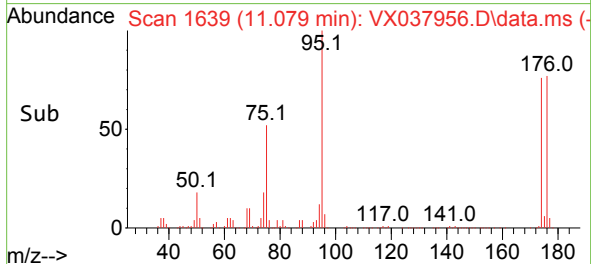
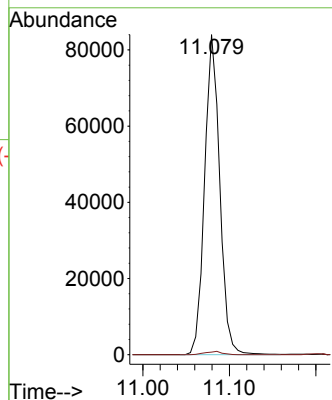
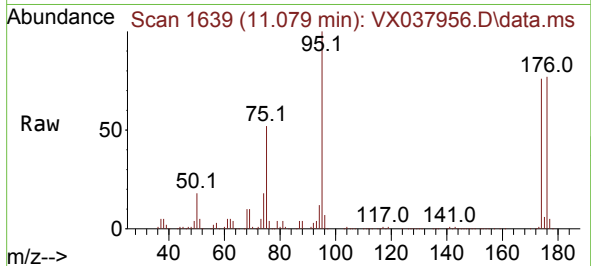




#76
1,2,3-Trichloropropane
Concen: 20.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 101941
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037956.D
Acq: 28 Sep 2023 17:44

Tgt Ion: 75 Resp: 101941
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

