

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037578.D
 Acq On : 07 Sep 2023 14:43
 Operator : JC/MD
 Sample : 04287-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:45:23 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)

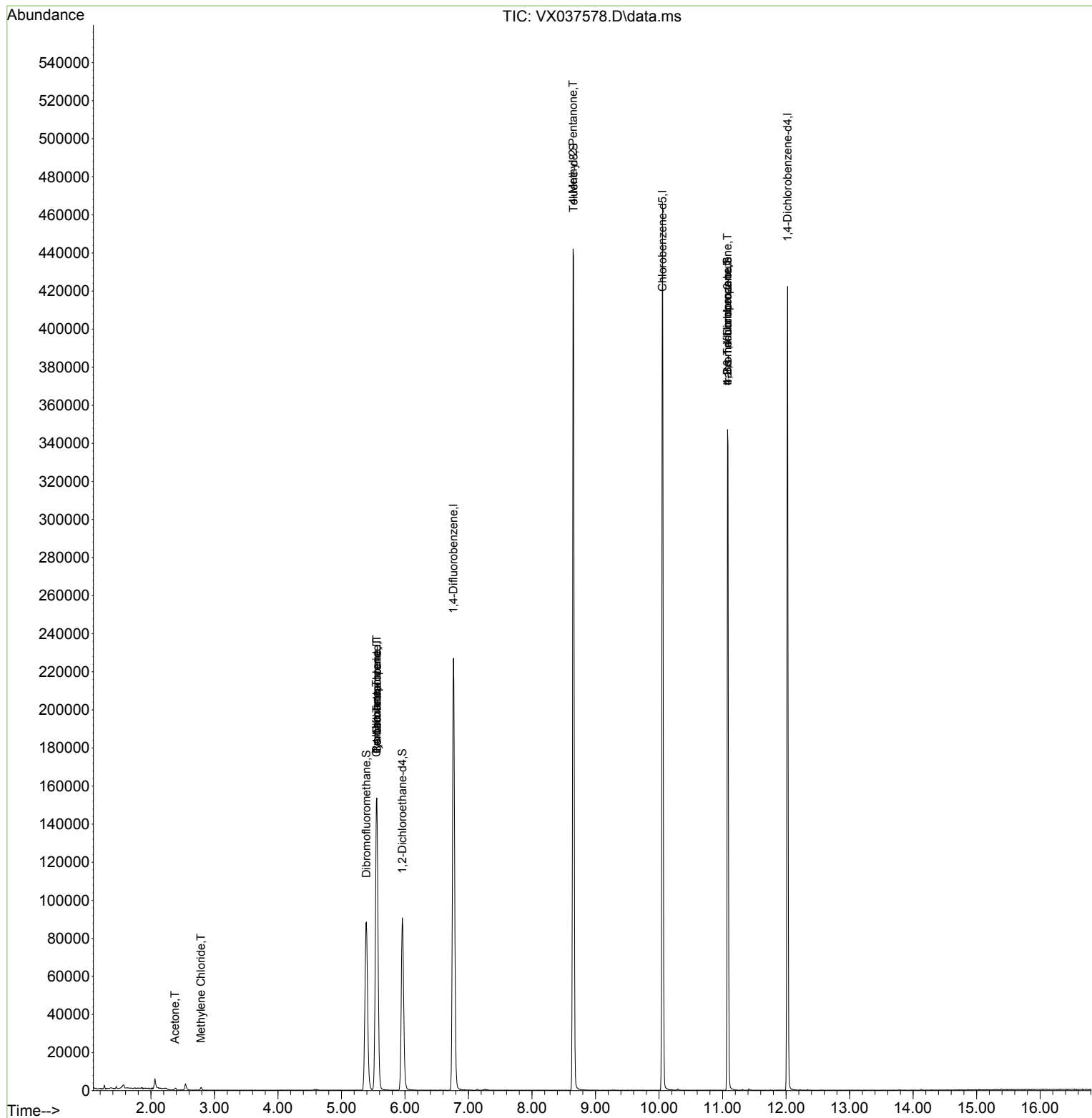
Internal Standards						
1) Pentafluorobenzene	5.556	168	147794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87756	41.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.380%
35) Dibromofluoromethane	5.391	113	81112	49.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.653	98	279484	47.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.260%
62) 4-Bromofluorobenzene	11.079	95	100924	43.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.600%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1232	1.478	ug/l	97
20) Methylene Chloride	2.788	84	788	0.423	ug/l #	87
31) Cyclohexane	5.550	56	2600	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11058	4.761	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15450	6.123	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	922	0.403	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48311	25.202	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48311	70.390	ug/l #	5

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

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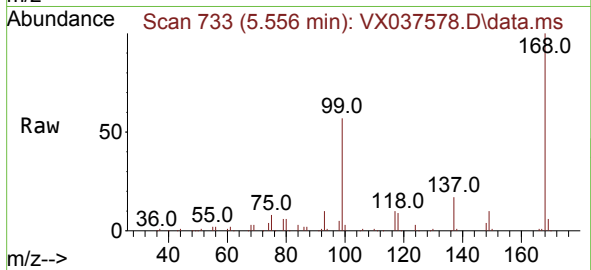
Quant Time: Sep 08 00:45:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



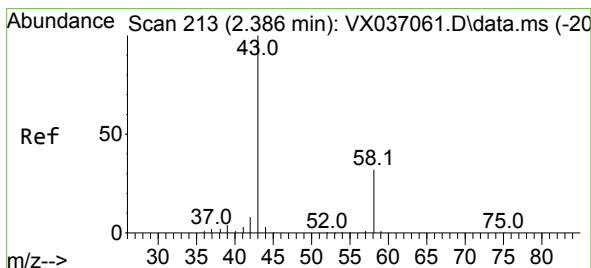
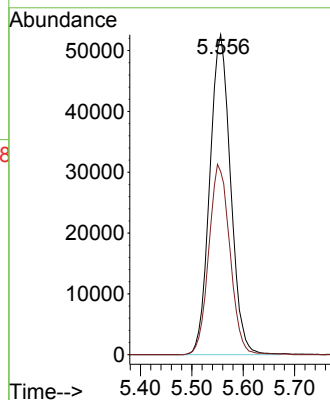
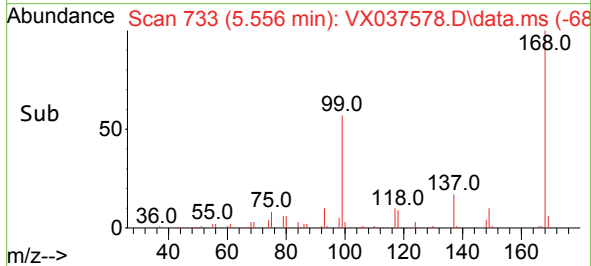


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

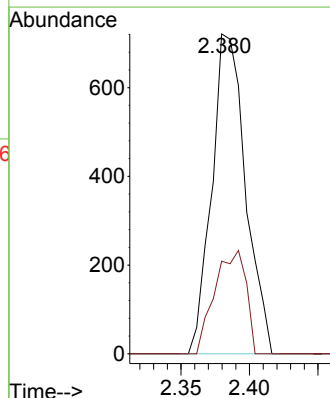
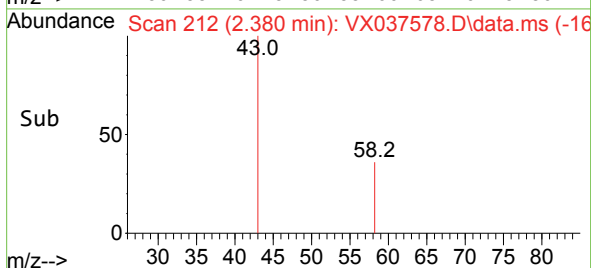
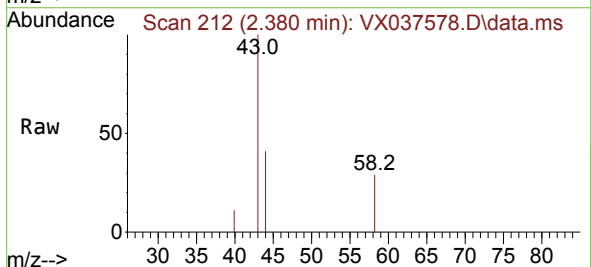


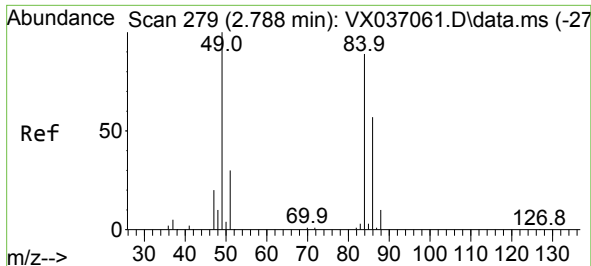
Tgt Ion:168 Resp: 147794
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#16
Acetone
Concen: 1.478 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

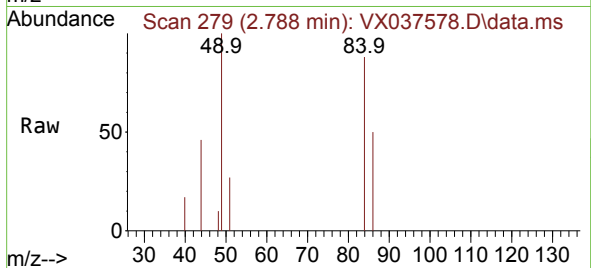
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9



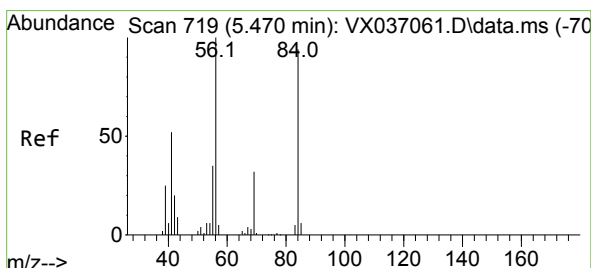
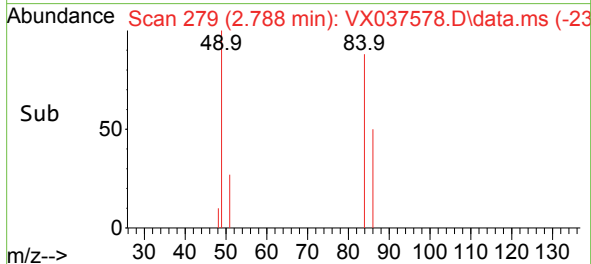
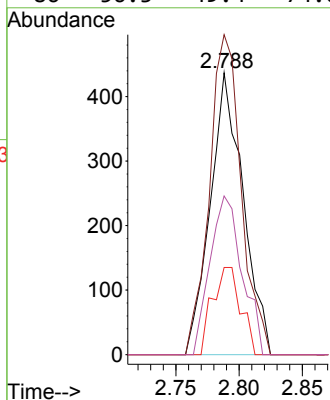


#20
Methylene Chloride
Concen: 0.423 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

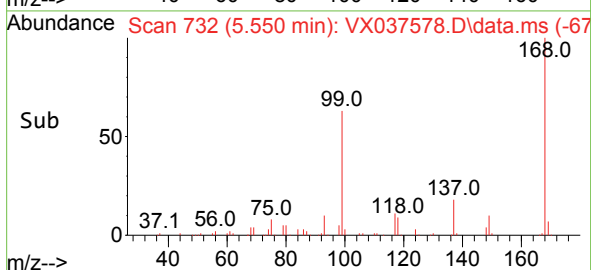
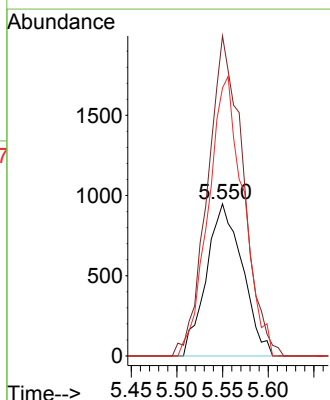
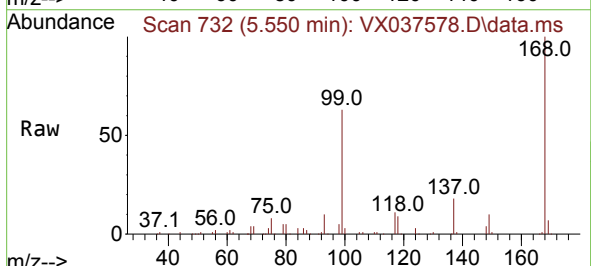


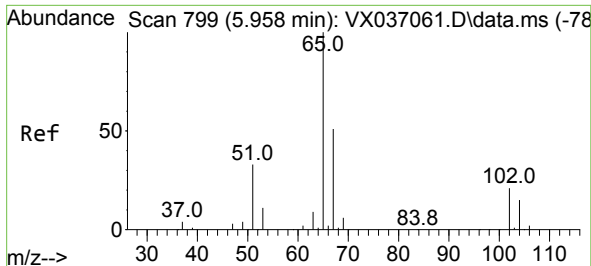
Tgt Ion:	84	Resp:	788
Ion	Ratio	Lower	Upper
84	100		
49	113.5	103.6	155.4
51	30.9	33.8	50.6#
86	56.3	49.4	74.0



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Tgt Ion:	56	Resp:	2600
Ion	Ratio	Lower	Upper
56	100		
69	204.7	23.4	35.2#
84	176.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.186 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037578.D

Acq: 07 Sep 2023 14:43

Instrument :

MSVOA_X

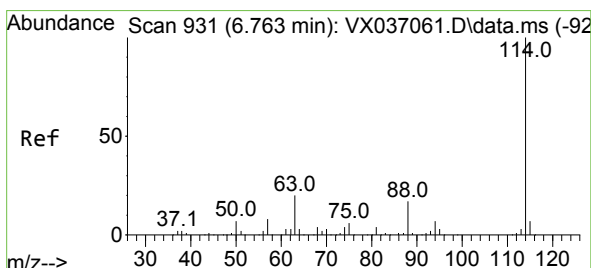
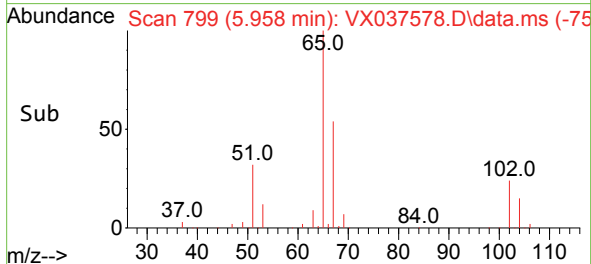
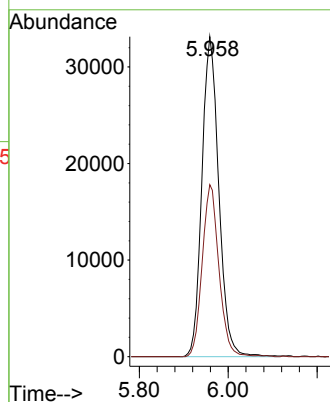
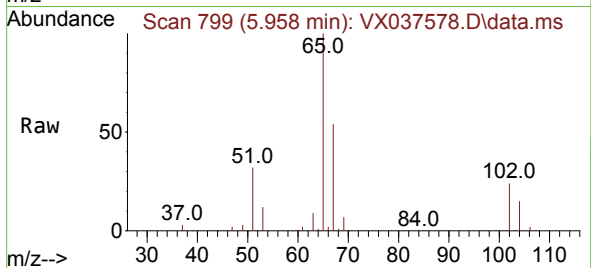
ClientSampleId :

Tgt Ion: 65 Resp: 87756

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037578.D

Acq: 07 Sep 2023 14:43

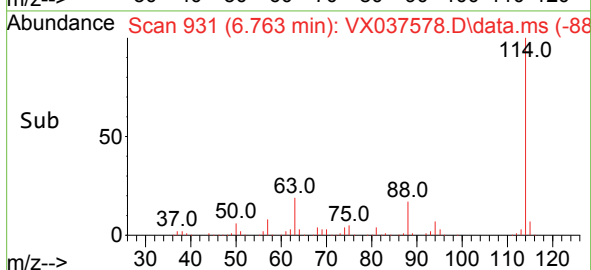
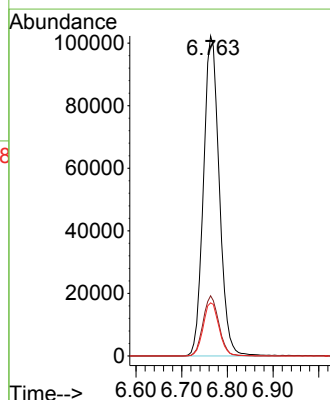
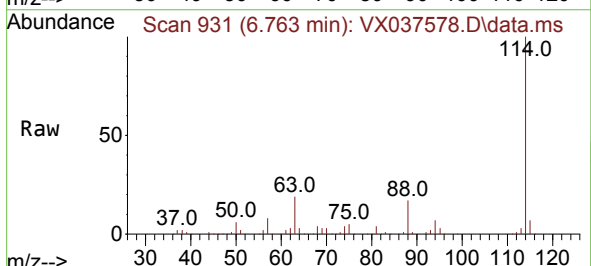
Tgt Ion: 114 Resp: 246869

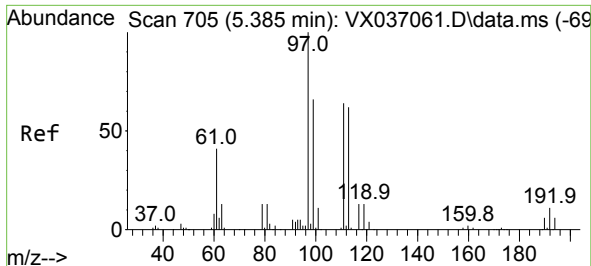
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.611 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

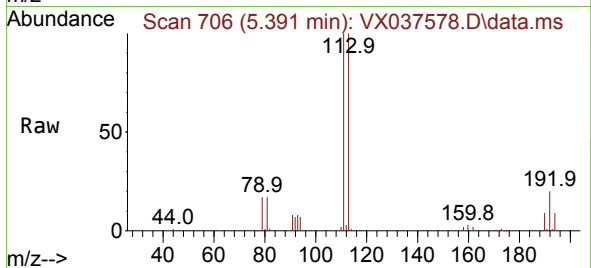
Lab File: VX037578.D

Acq: 07 Sep 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :



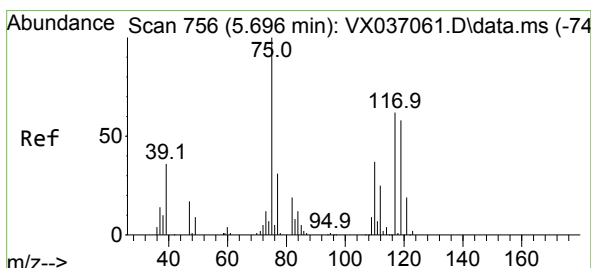
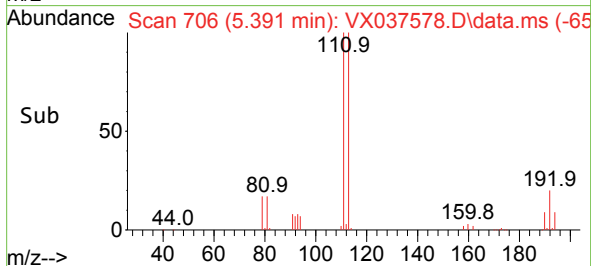
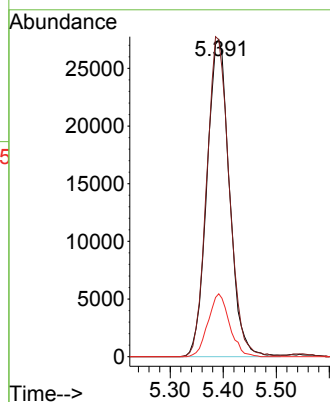
Tgt Ion:113 Resp: 81112

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

192 18.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.761 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX037578.D

Acq: 07 Sep 2023 14:43

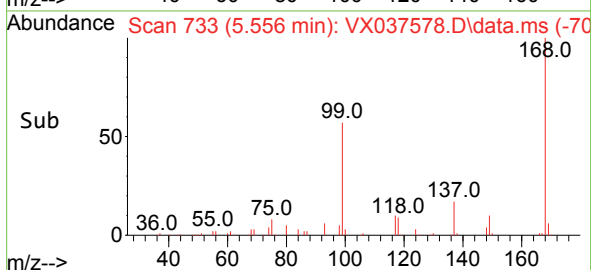
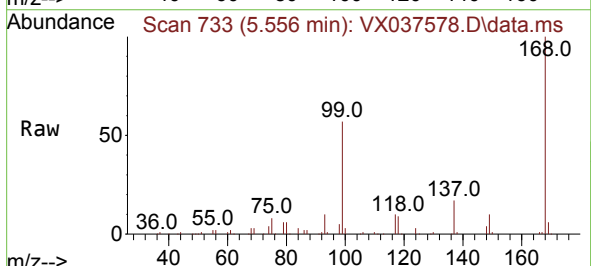
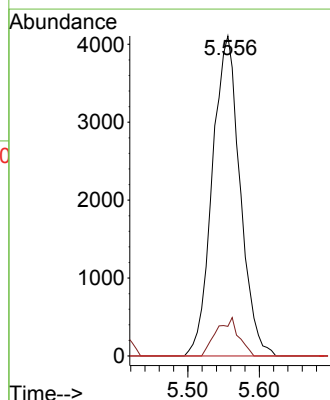
Tgt Ion: 75 Resp: 11058

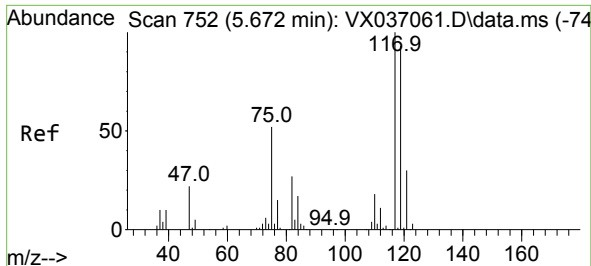
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

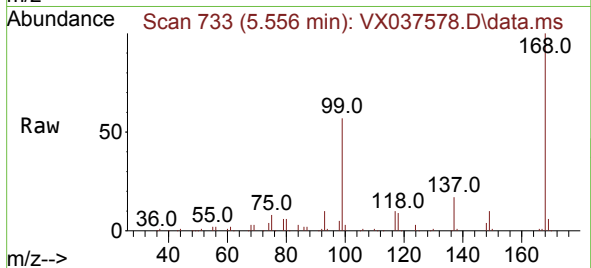
77 0.0 24.7 37.1#



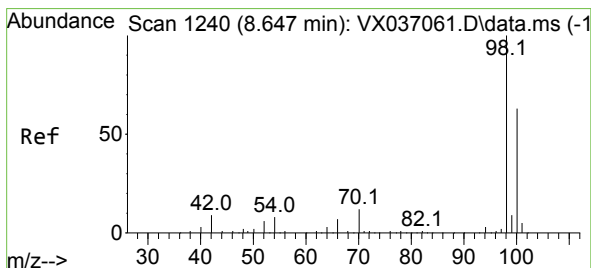
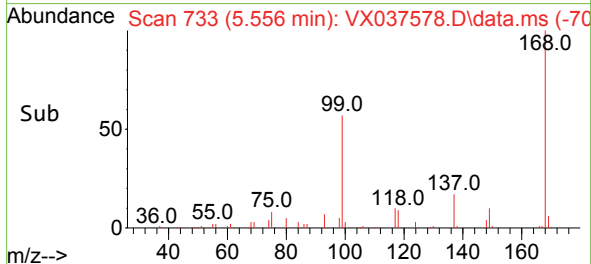
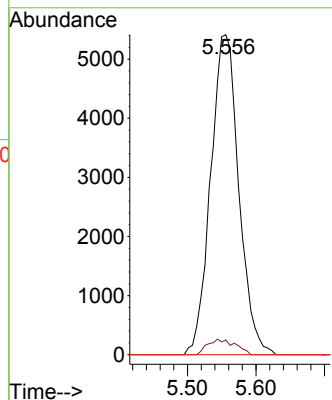


#38
Carbon Tetrachloride
Concen: 6.123 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

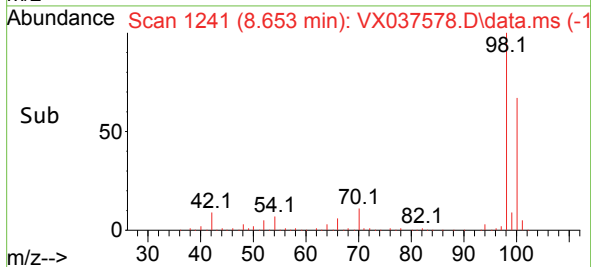
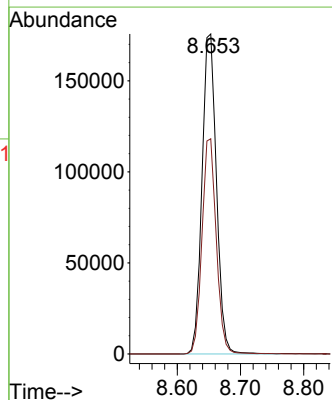
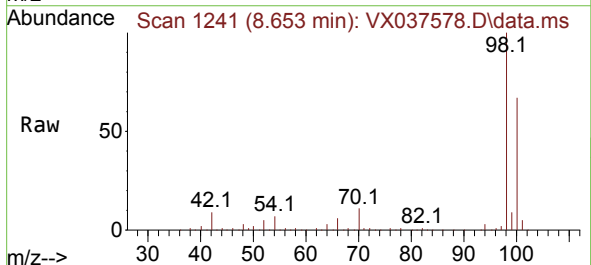


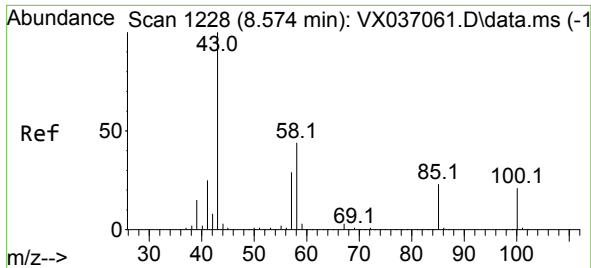
Tgt Ion:117 Resp: 15450
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.126 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Tgt Ion: 98 Resp: 279484
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

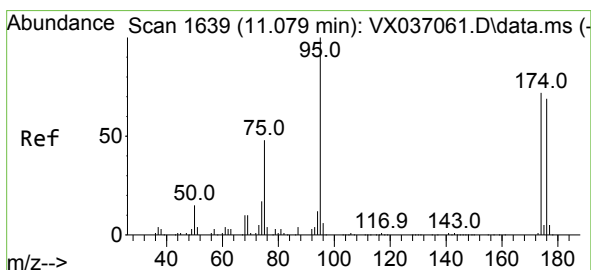
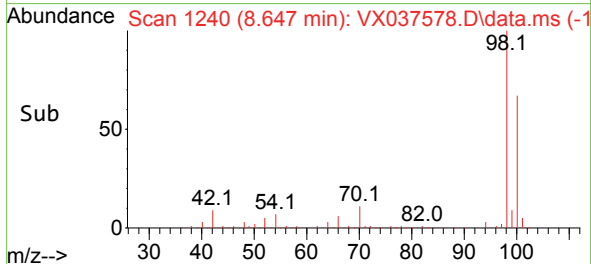
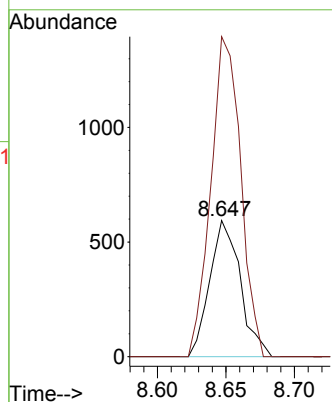
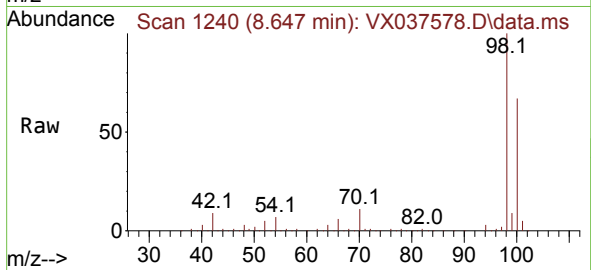




#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

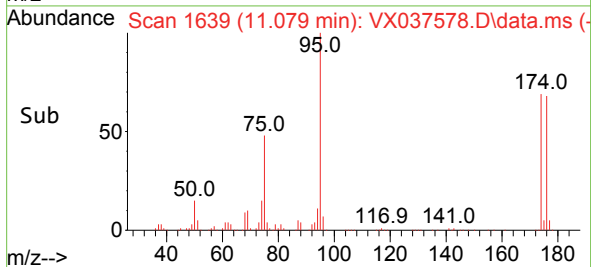
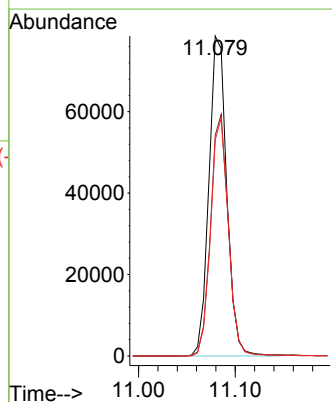
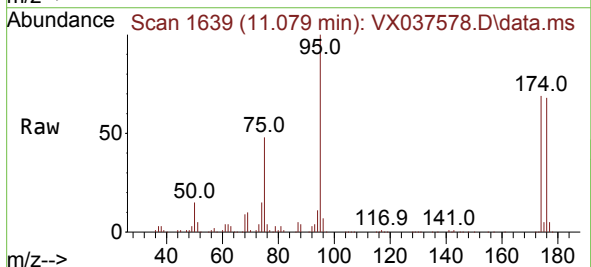
Instrument :
MSVOA_X
ClientSampleId :

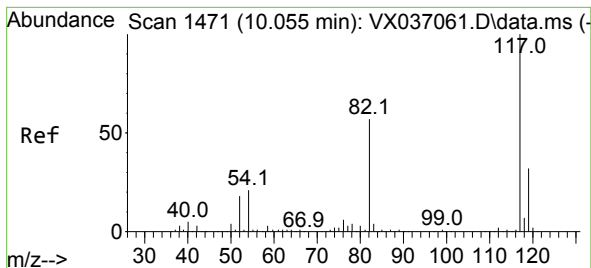
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 229.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Tgt Ion: 95 Resp: 100924
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 73.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

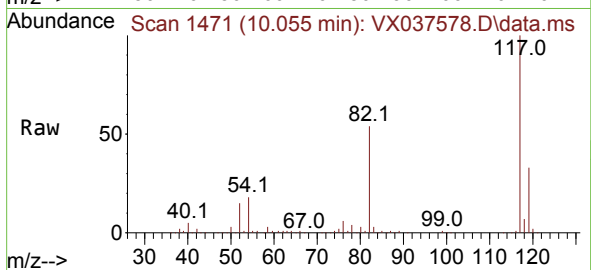
Lab File: VX037578.D

Acq: 07 Sep 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :



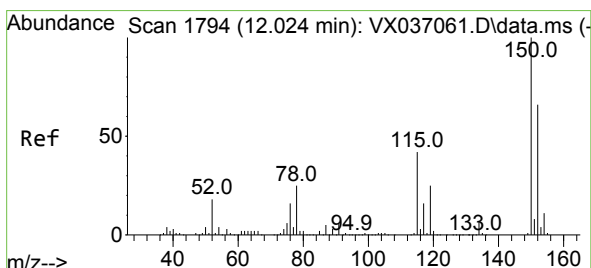
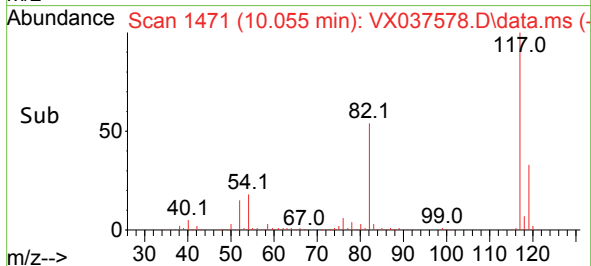
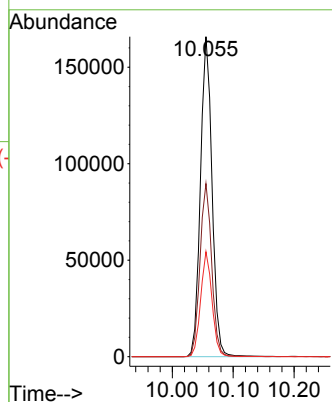
Tgt Ion:117 Resp: 219582

Ion Ratio Lower Upper

117 100

82 54.1 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: VX037578.D

Acq: 07 Sep 2023 14:43

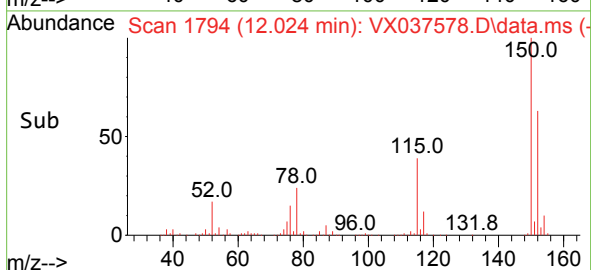
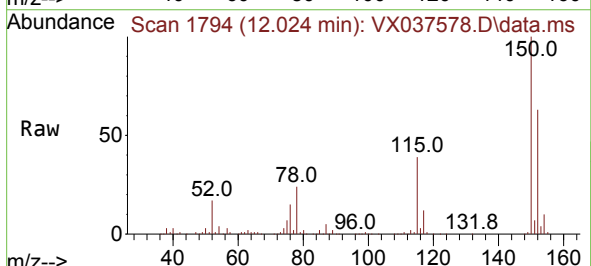
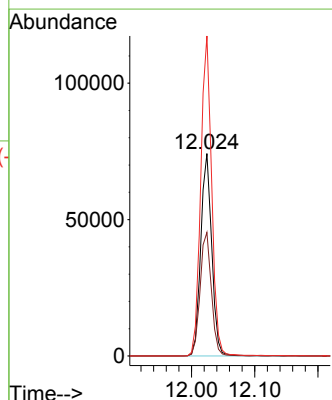
Tgt Ion:152 Resp: 90012

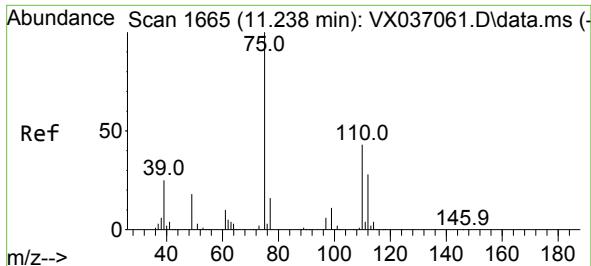
Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 157.5 0.0 345.0

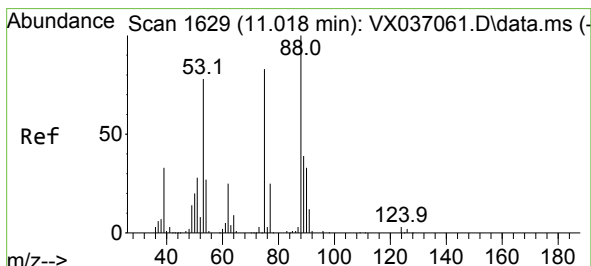
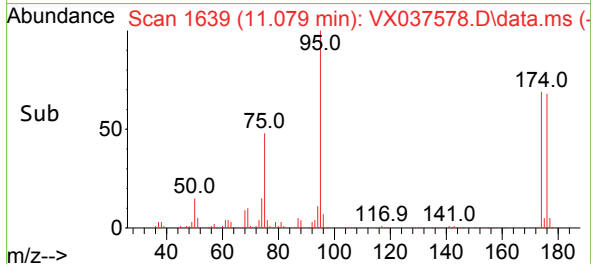
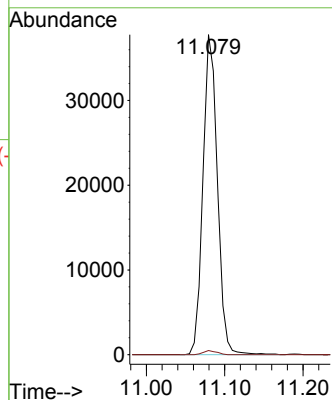
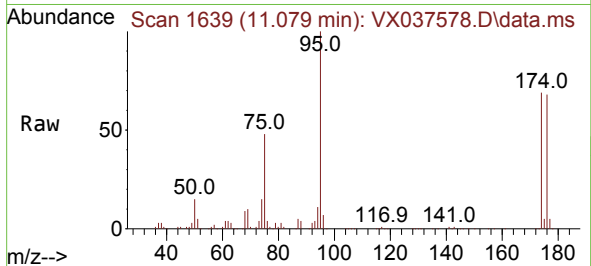




#76
1,2,3-Trichloropropane
Concen: 25.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48311
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037578.D
Acq: 07 Sep 2023 14:43

Tgt Ion: 75 Resp: 48311
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

