

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037562.D
 Acq On : 06 Sep 2023 18:18
 Operator : JC/MD
 Sample : 04287-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12B-50-090123-3V

Quant Time: Sep 06 22:48:04 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)

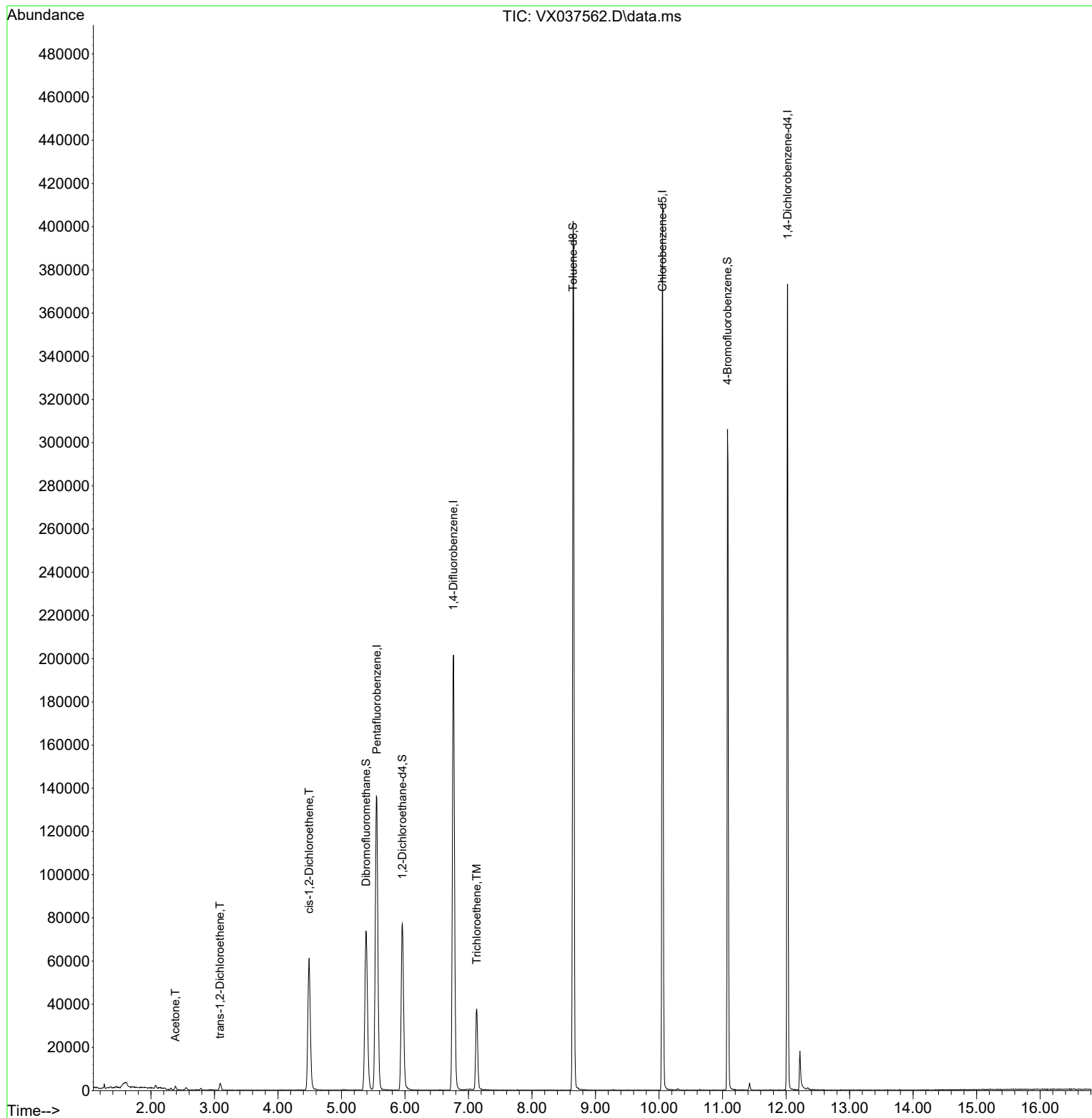
Internal Standards						
1) Pentafluorobenzene	5.556	168	131349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76926	40.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.240%
35) Dibromofluoromethane	5.385	113	66887	46.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	256590	49.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	88927	43.357	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.720%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1920	2.592	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	1523	0.991	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	41413	22.855	ug/l	78
44) Trichloroethene	7.129	130	15387	9.256	ug/l	93

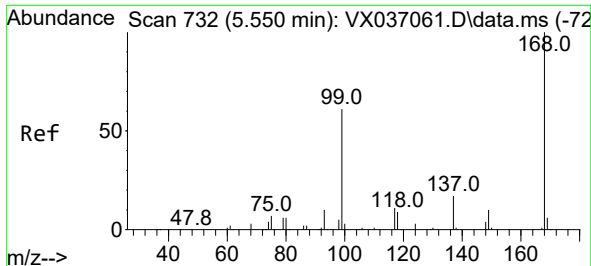
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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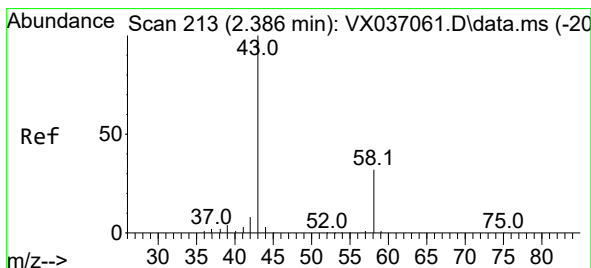
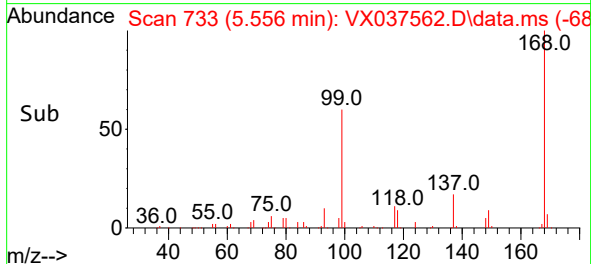
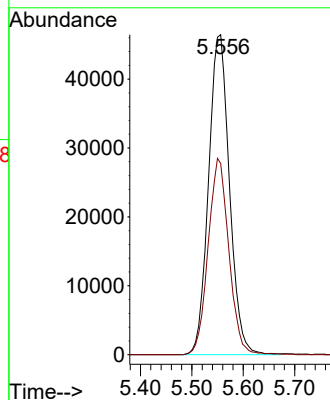
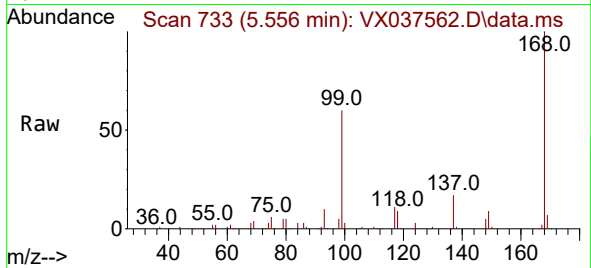




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

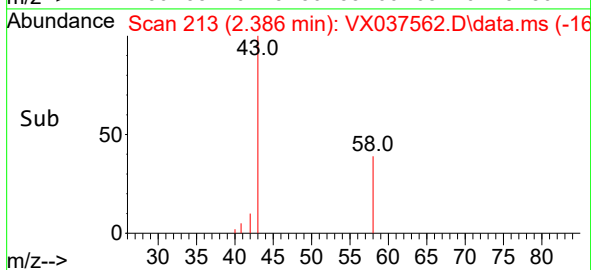
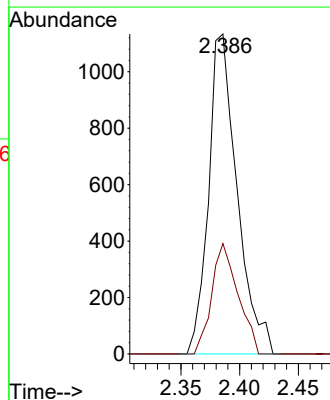
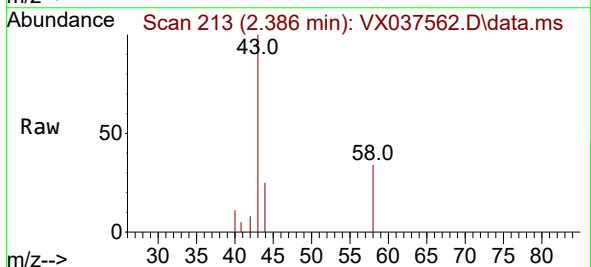
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

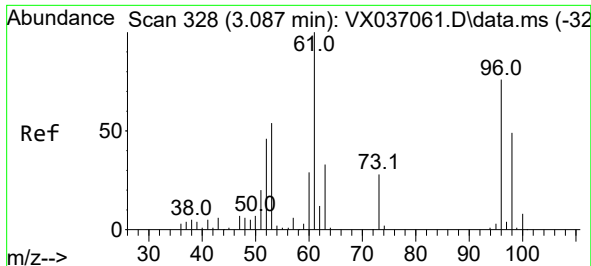
Tgt Ion:168 Resp: 131349
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#16
Acetone
Concen: 2.592 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#

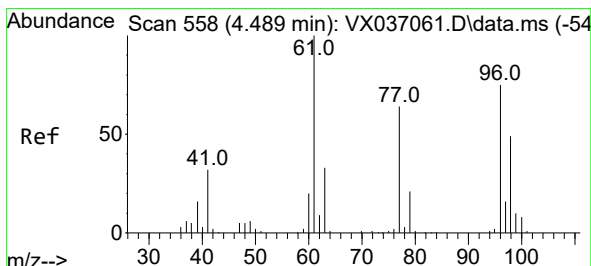
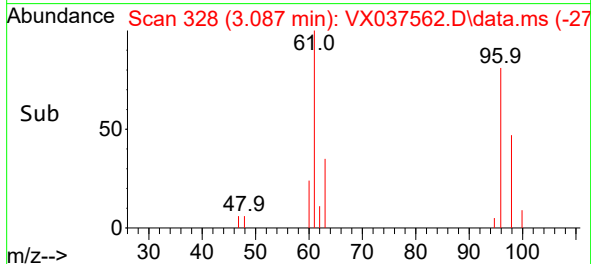
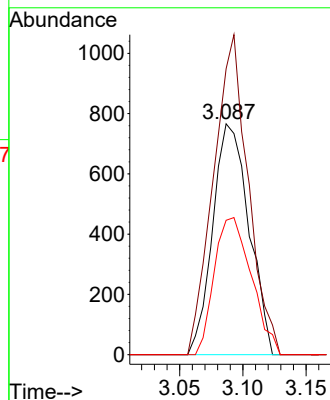
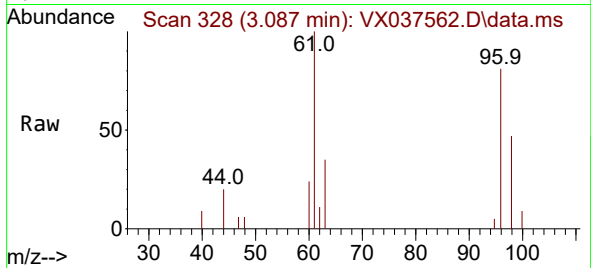




#21
trans-1,2-Dichloroethene
Concen: 0.991 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

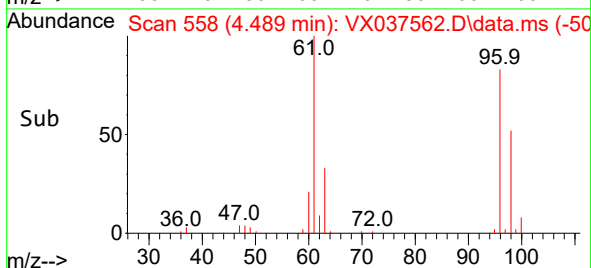
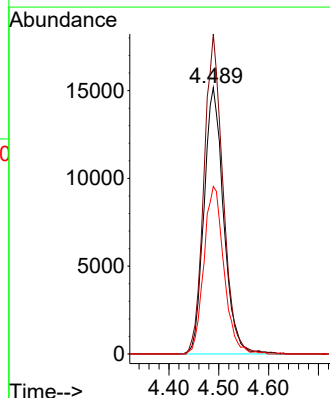
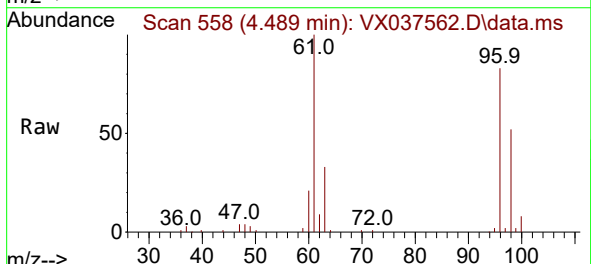
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

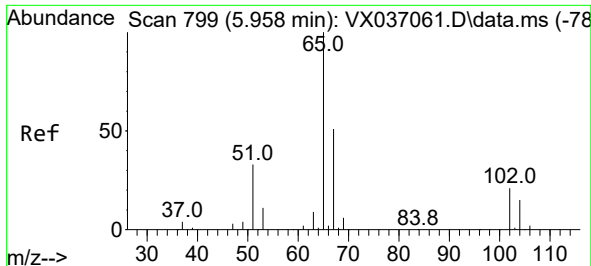
Tgt Ion: 96 Resp: 1523
Ion Ratio Lower Upper
96 100
61 123.9 119.2 178.8
98 58.2 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 22.855 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 96 Resp: 41413
Ion Ratio Lower Upper
96 100
61 116.4 0.0 312.2
98 64.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 40.624 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037562.D

Acq: 06 Sep 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

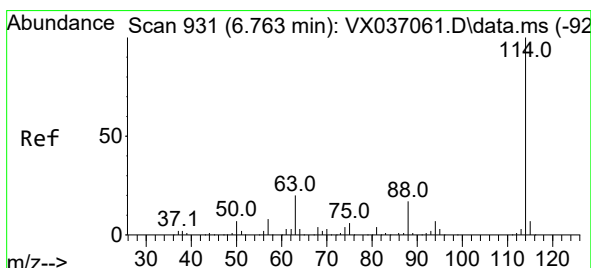
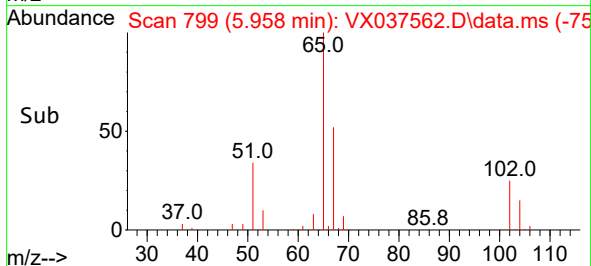
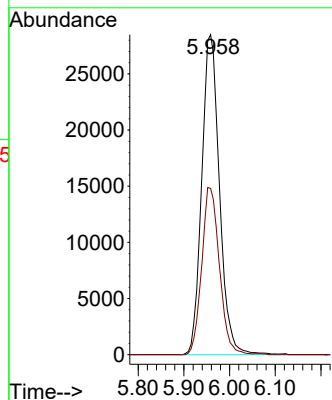
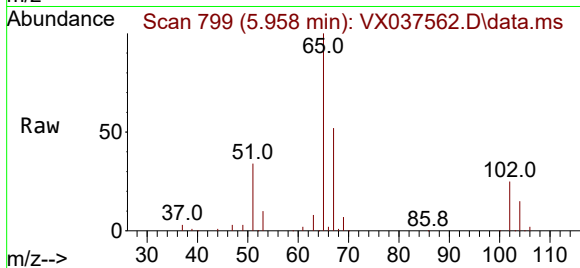
MW-12B-50-090123-3V

Tgt Ion: 65 Resp: 76926

Ion Ratio Lower Upper

65 100

67 52.0 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: VX037562.D

Acq: 06 Sep 2023 18:18

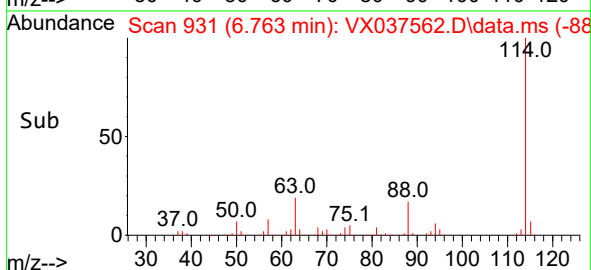
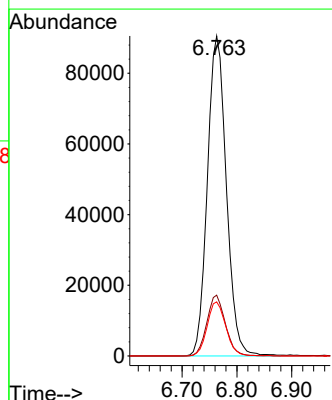
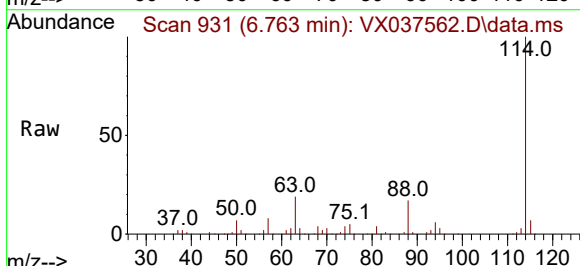
Tgt Ion: 114 Resp: 217255

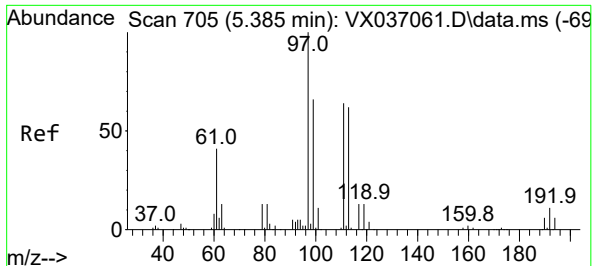
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.487 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037562.D

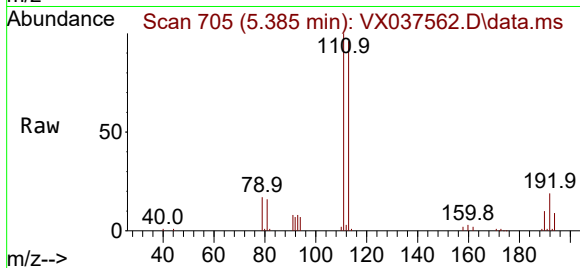
Acq: 06 Sep 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-12B-50-090123-3V



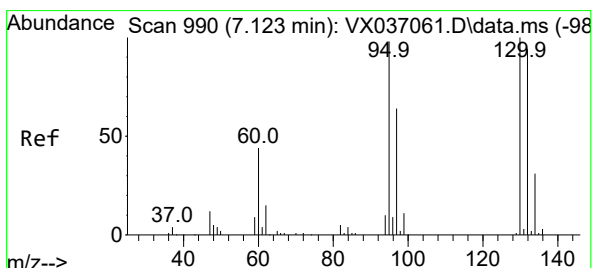
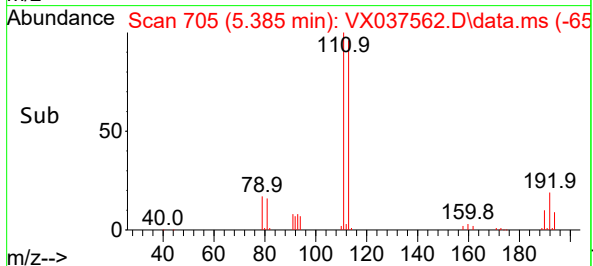
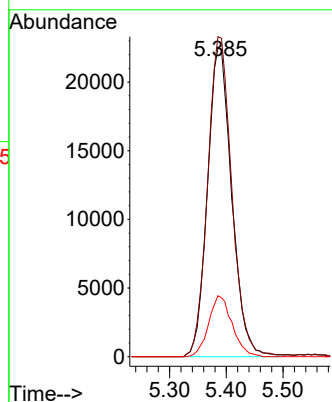
Tgt Ion:113 Resp: 66887

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 19.1 13.3 19.9



#44

Trichloroethene

Concen: 9.256 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037562.D

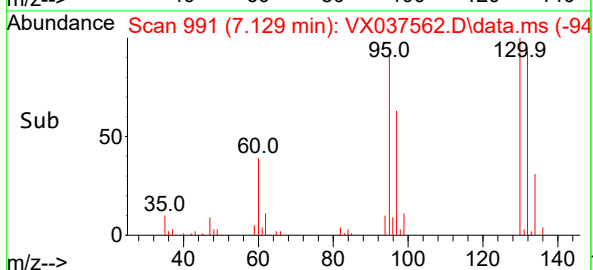
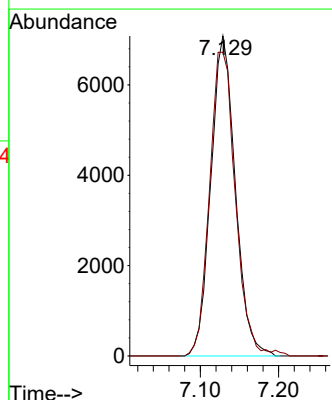
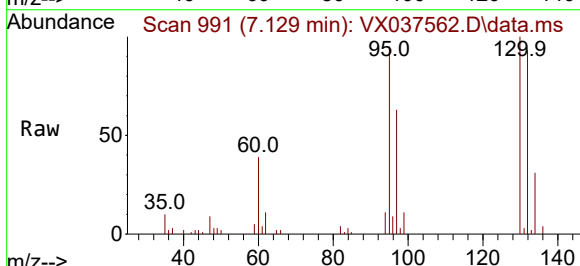
Acq: 06 Sep 2023 18:18

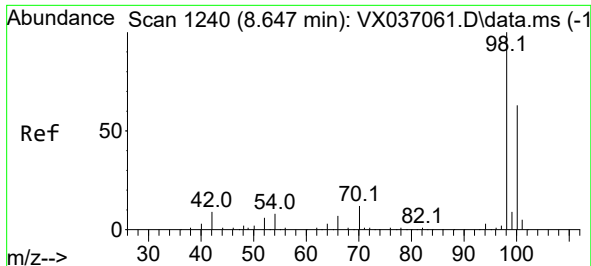
Tgt Ion:130 Resp: 15387

Ion Ratio Lower Upper

130 100

95 94.9 0.0 204.4

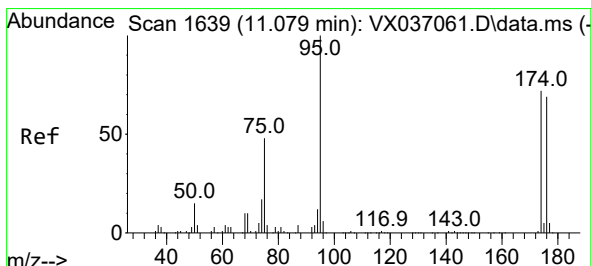
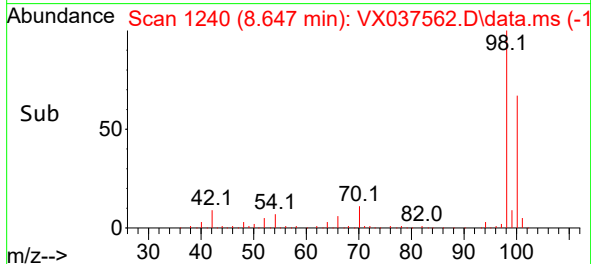
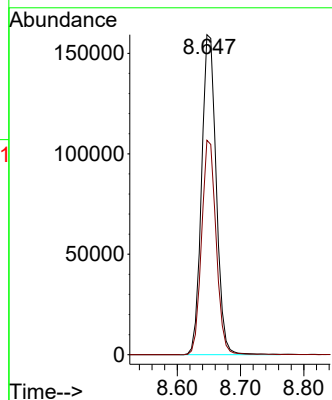
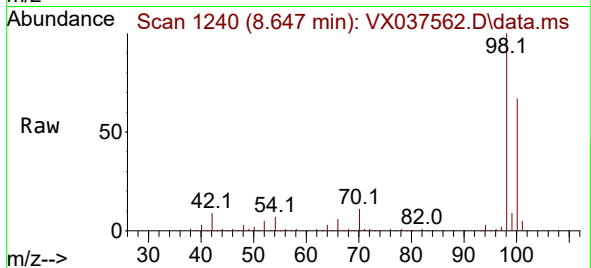




#50
Toluene-d8
Concen: 49.163 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

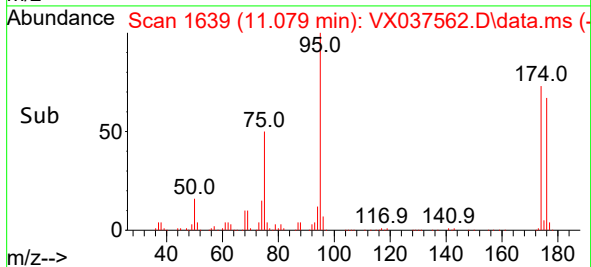
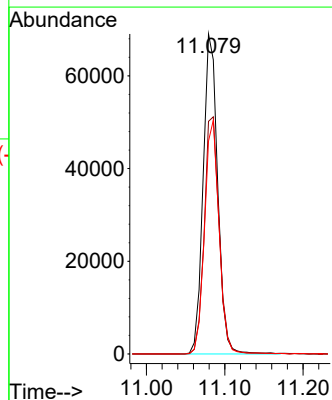
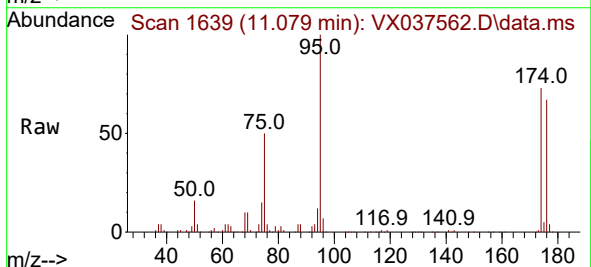
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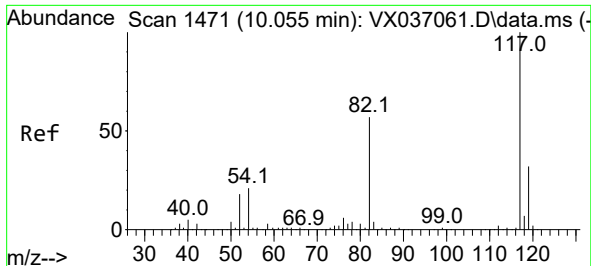
Tgt Ion: 98 Resp: 256590
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.357 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 95 Resp: 88927
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 72.9 0.0 131.0

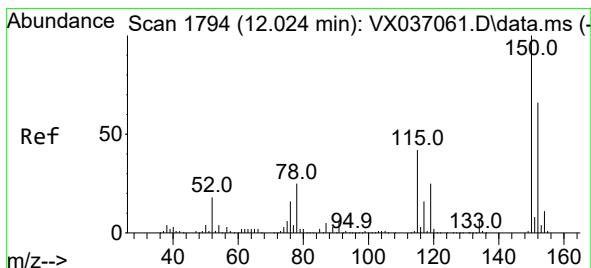
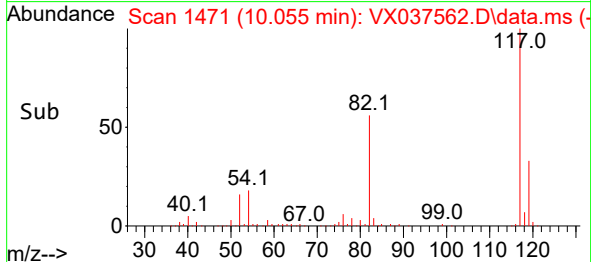
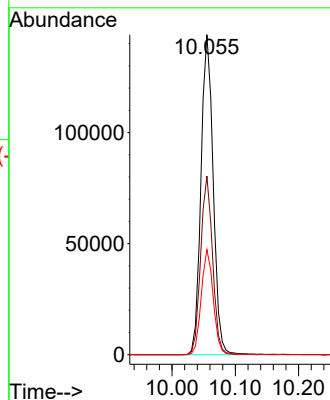
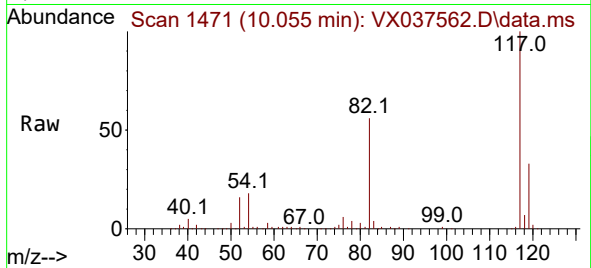




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 193896
Ion Ratio Lower Upper
117 100
82 55.8 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: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion:152 Resp: 80138
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 155.3 0.0 345.0

