

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037971.D
 Acq On : 29 Sep 2023 13:27
 Operator : JC/MD
 Sample : 04656-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

Quant Time: Sep 29 23:04:06 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)

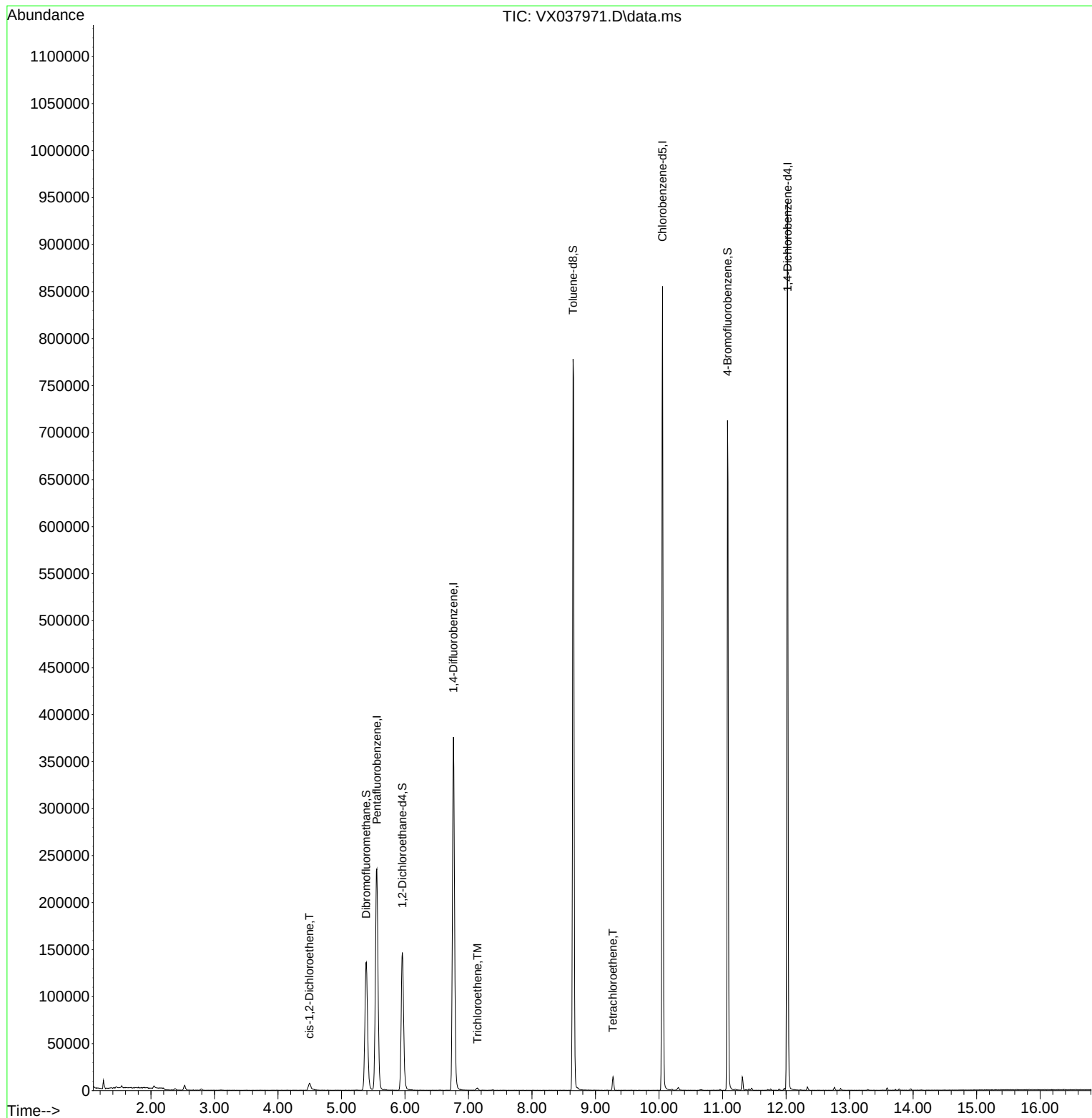
Internal Standards						
1) Pentafluorobenzene	5.556	168	228988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	390551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140487	46.696	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	121508	46.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.647	98	484539	49.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	183023	51.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.740%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	4.495	96	5116	1.682	ug/l	81
44) Trichloroethene	7.141	130	1271	0.412	ug/l	72
64) Tetrachloroethene	9.275	164	1049	0.400	ug/l	# 90

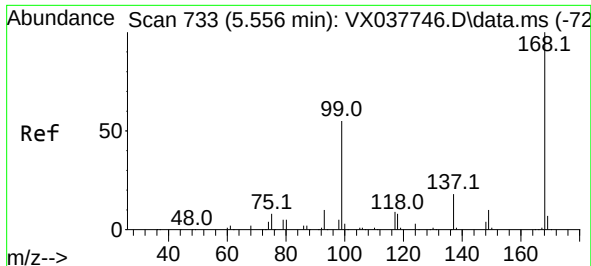
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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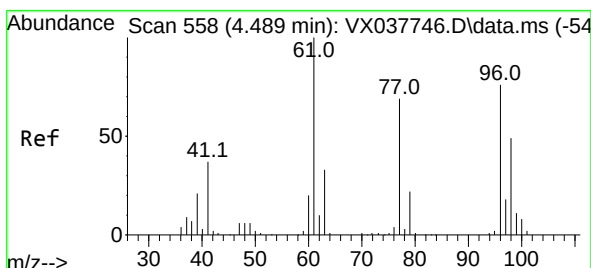
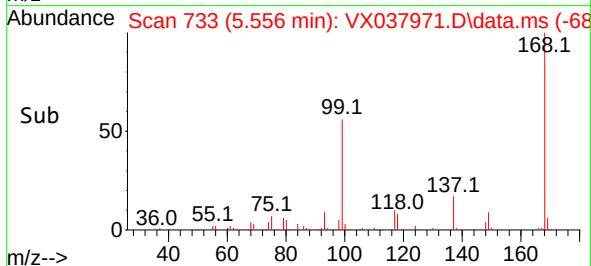
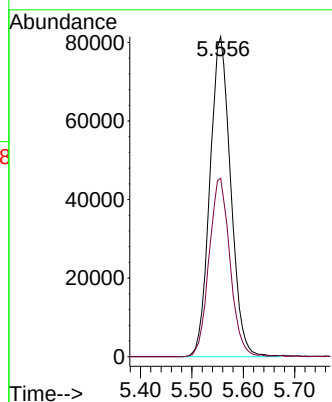
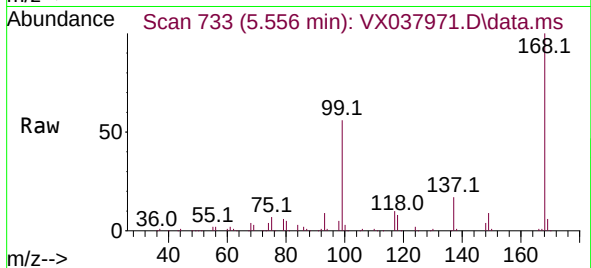




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

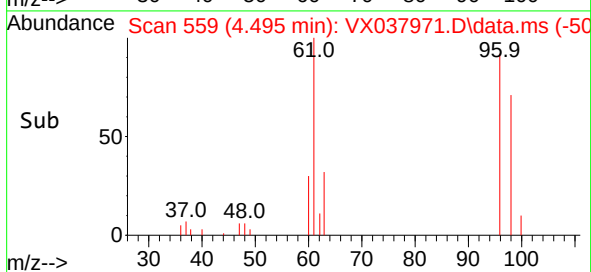
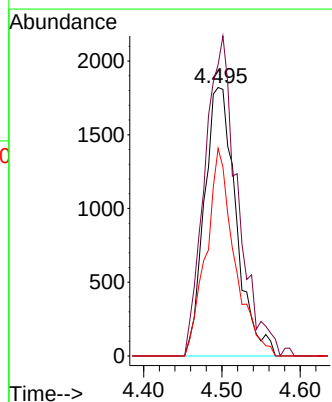
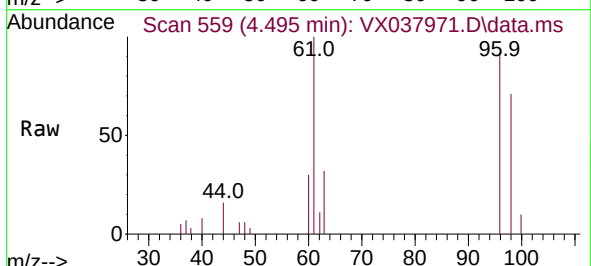
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

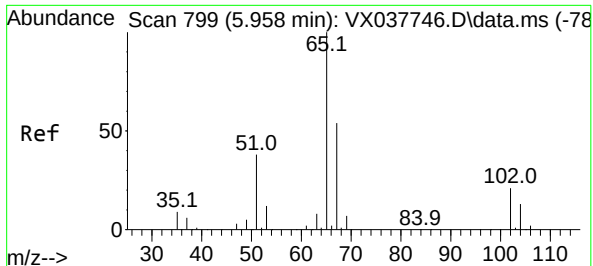
Tgt Ion:168 Resp: 228988
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#27
cis-1,2-Dichloroethene
Concen: 1.682 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 96 Resp: 5116
Ion Ratio Lower Upper
96 100
61 124.5 0.0 312.2
98 69.2 0.0 129.0

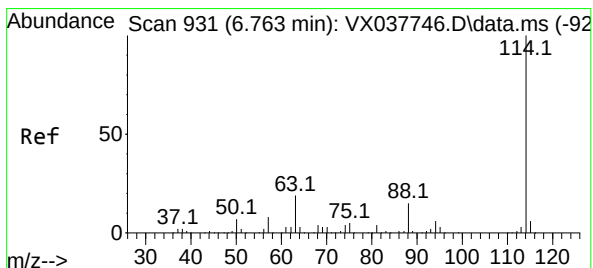
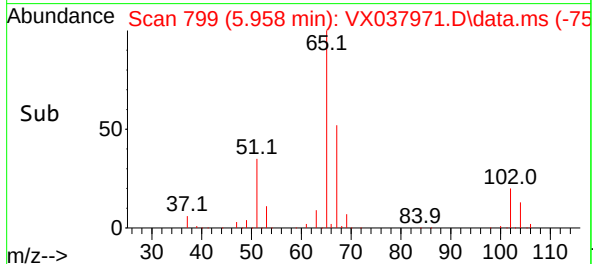
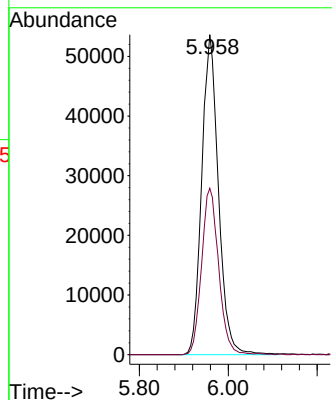
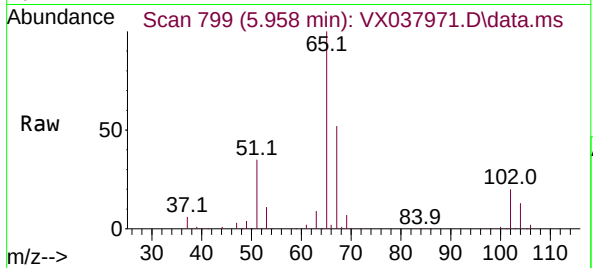




#33
 1,2-Dichloroethane-d4
 Concen: 46.696 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037971.D
 Acq: 29 Sep 2023 13:27

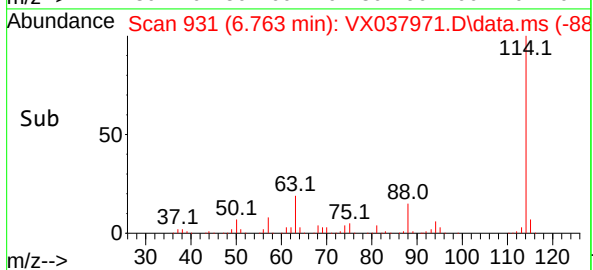
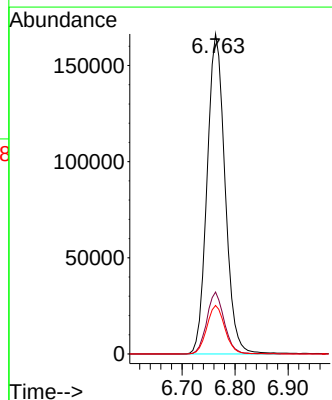
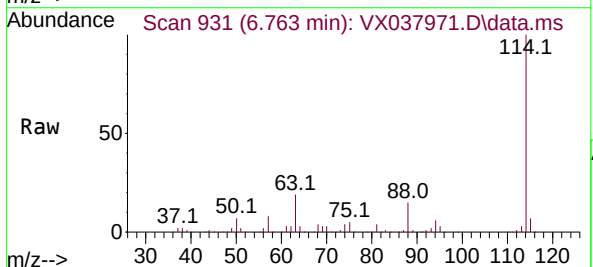
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

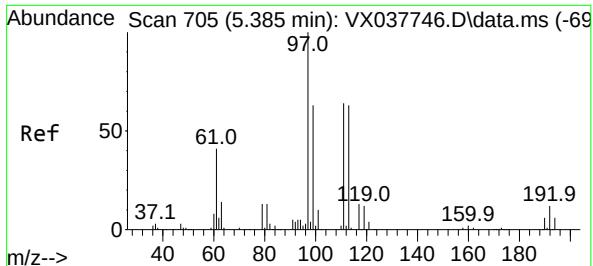
Tgt Ion: 65 Resp: 140487
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037971.D
 Acq: 29 Sep 2023 13:27

Tgt Ion: 114 Resp: 390551
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.0
 88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.498 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037971.D

Acq: 29 Sep 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

MW-106I

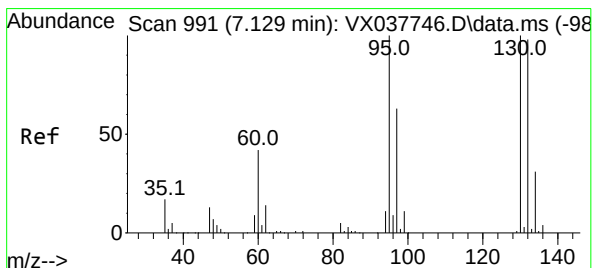
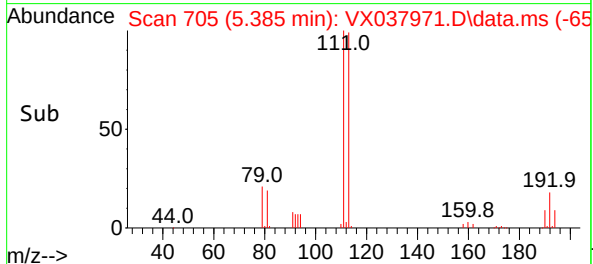
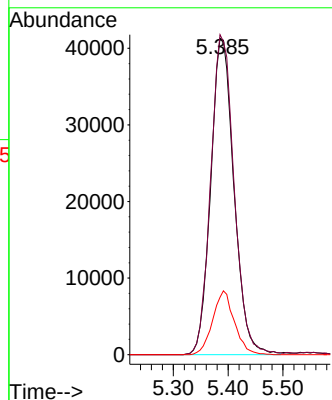
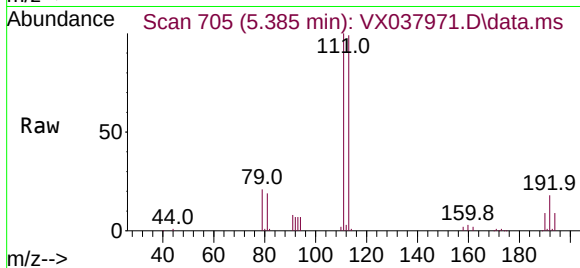
Tgt Ion:113 Resp: 121508

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.8 13.3 19.9



#44

Trichloroethene

Concen: 0.412 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.006 min

Lab File: VX037971.D

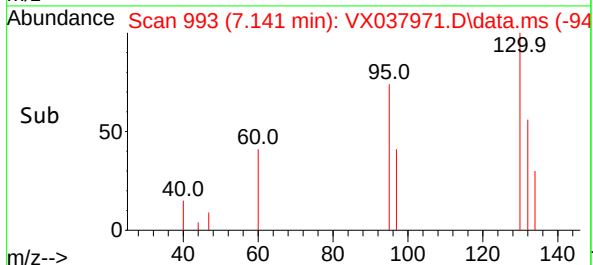
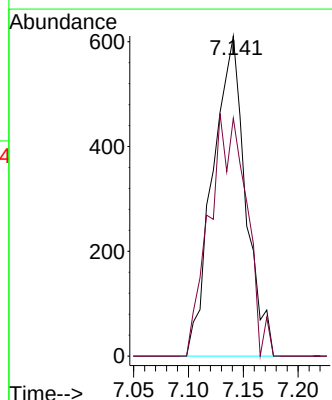
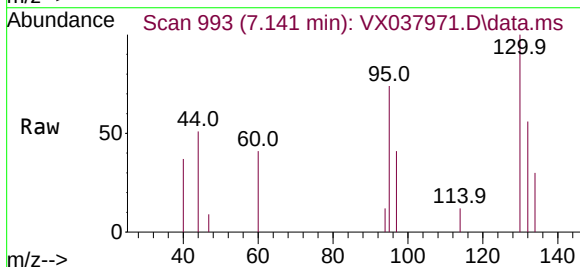
Acq: 29 Sep 2023 13:27

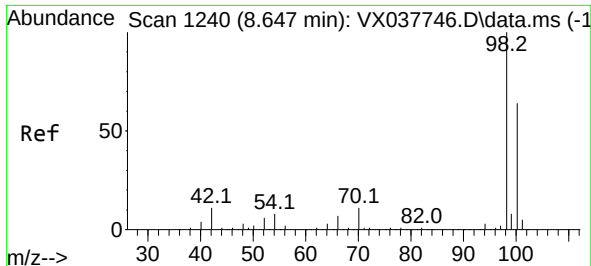
Tgt Ion:130 Resp: 1271

Ion Ratio Lower Upper

130 100

95 74.3 0.0 204.4

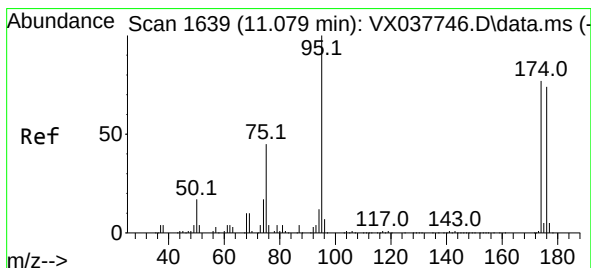
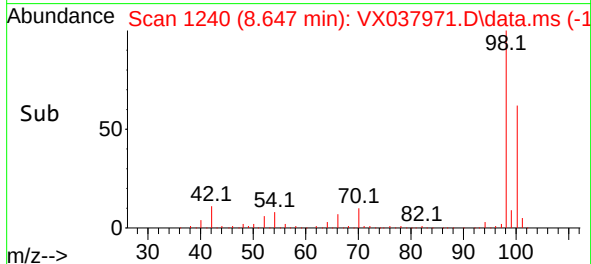
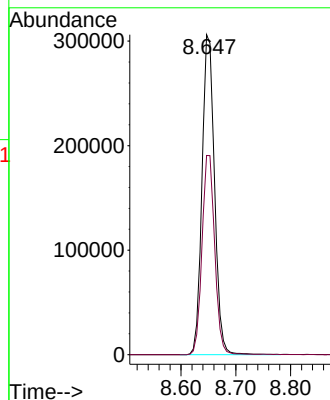
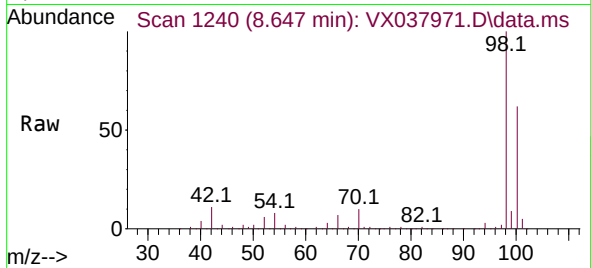




#50
Toluene-d8
Concen: 49.903 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

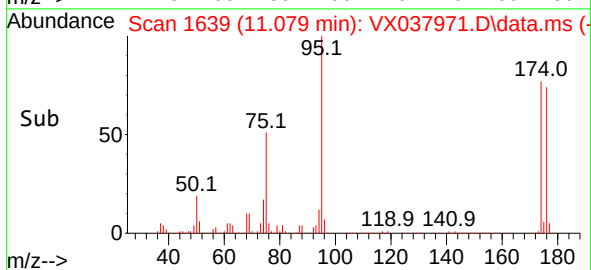
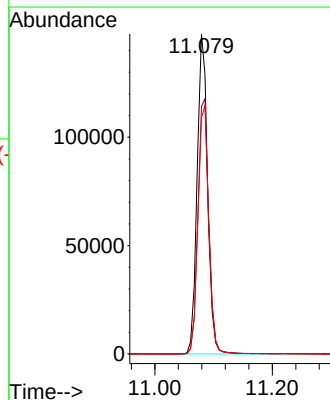
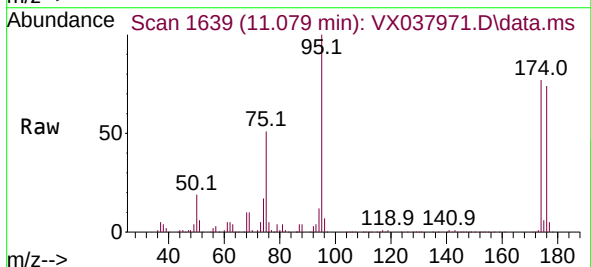
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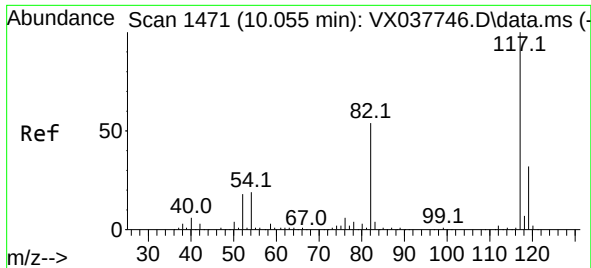
Tgt Ion: 98 Resp: 484539
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 95 Resp: 183023
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.3 0.0 131.0

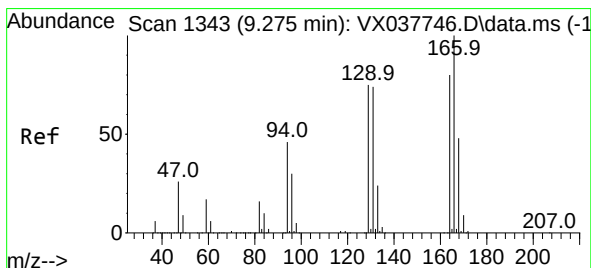
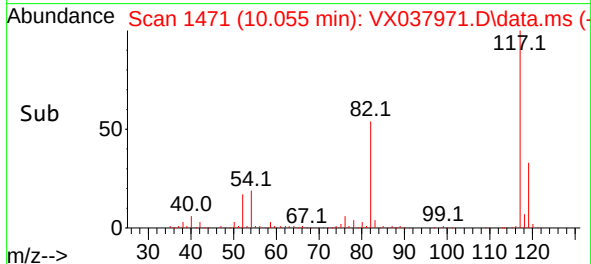
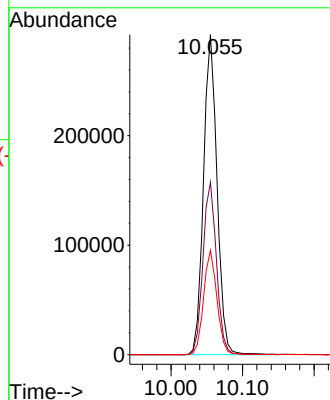
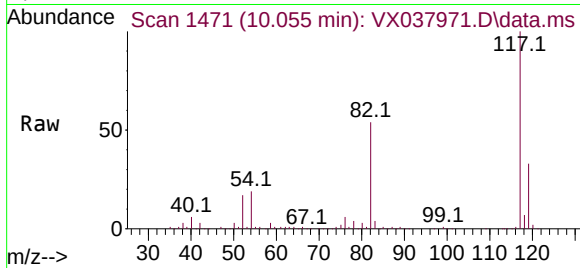




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

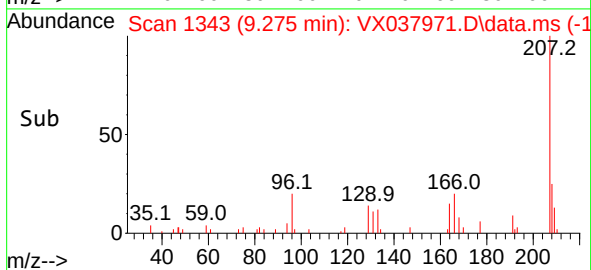
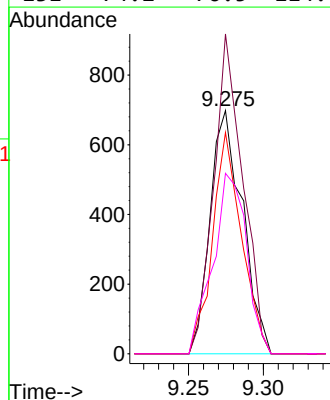
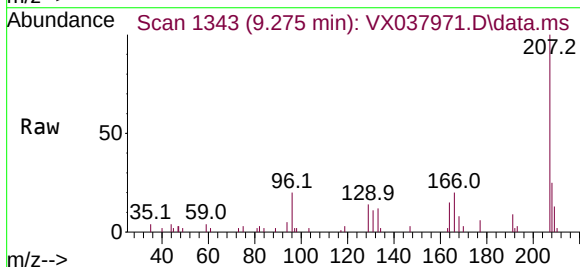
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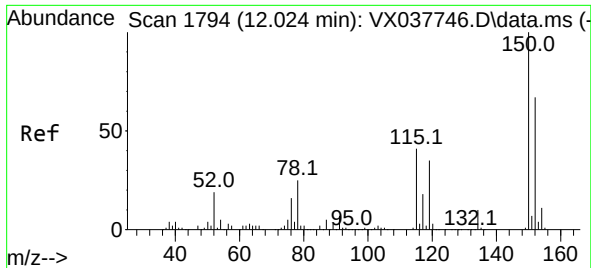
Tgt Ion:117 Resp: 384829
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.400 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion:164 Resp: 1049
Ion Ratio Lower Upper
164 100
166 131.5 102.7 154.1
129 91.0 80.4 120.6
131 74.2 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037971.D

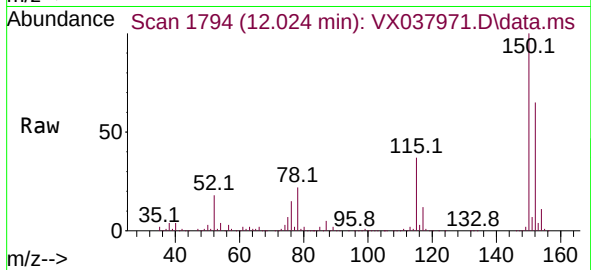
Acq: 29 Sep 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

MW-106I



Tgt Ion:152 Resp: 206139

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 156.4 0.0 345.0

