

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048022.D
 Acq On : 06 Oct 2025 14:28
 Operator : JC/MD
 Sample : Q3201-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Quant Time: Oct 07 02:14:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

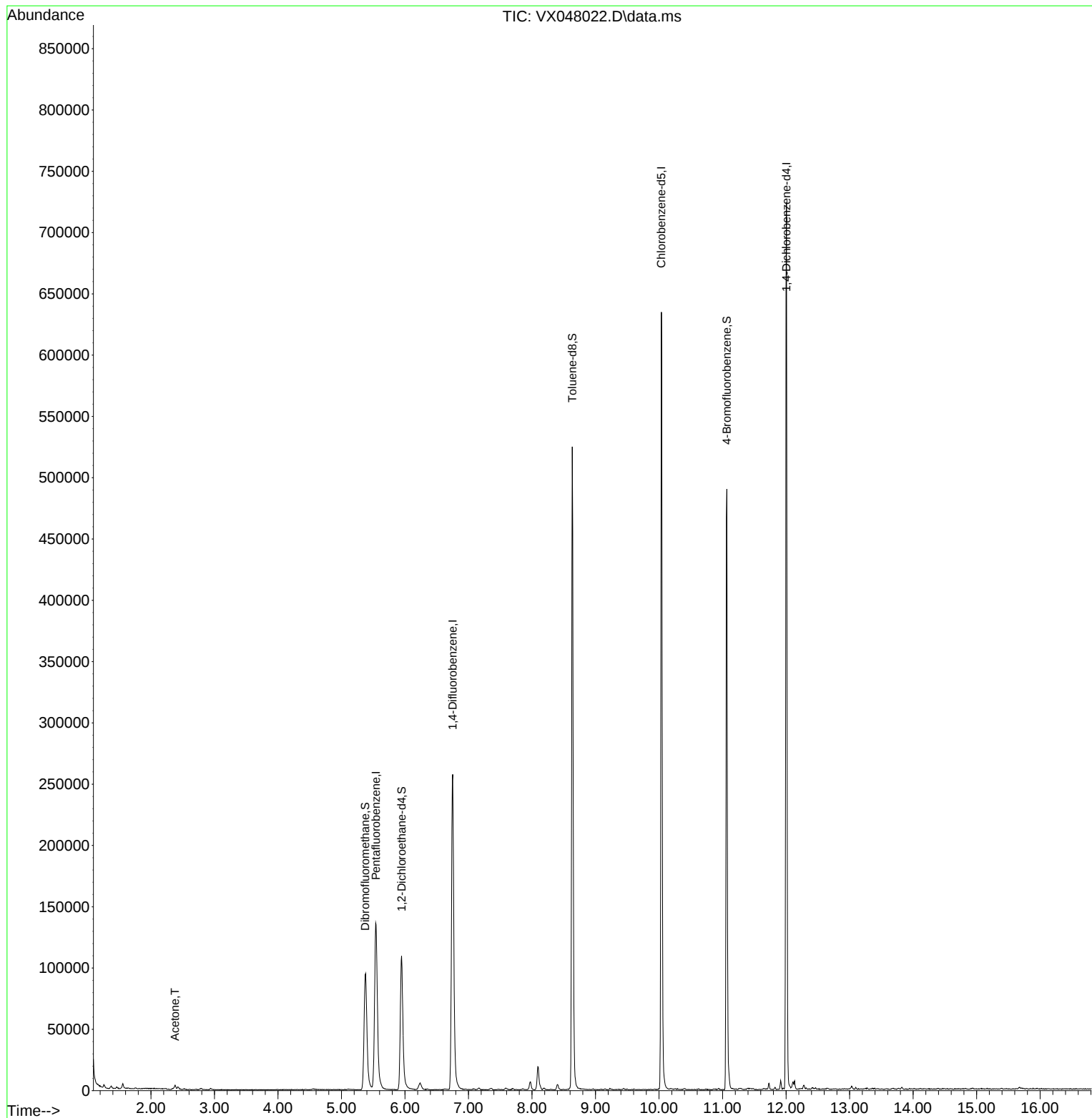
Internal Standards						
1) Pentafluorobenzene	5.544	168	136606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119135	54.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	109.580%	
35) Dibromofluoromethane	5.373	113	92127	49.122	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.240%	
50) Toluene-d8	8.635	98	317920	48.989	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.980%	
62) 4-Bromofluorobenzene	11.067	95	140709	57.131	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	114.260%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4399	4.653	ug/l #	84

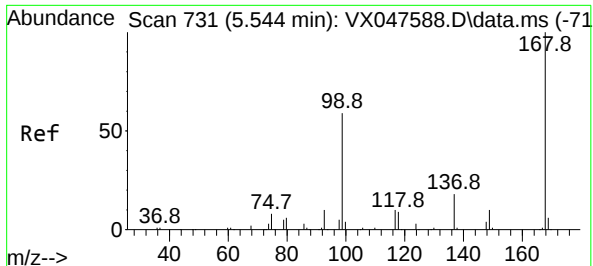
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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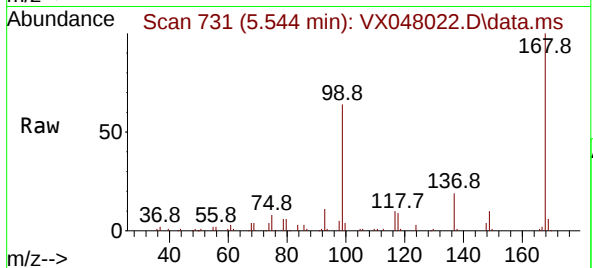
Quant Time: Oct 07 02:14:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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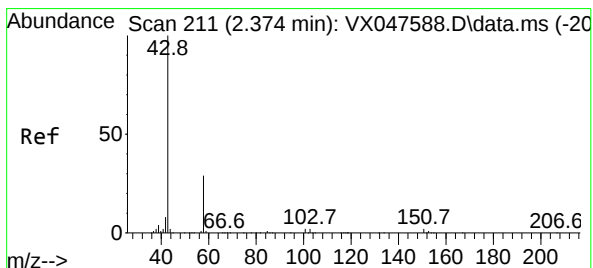
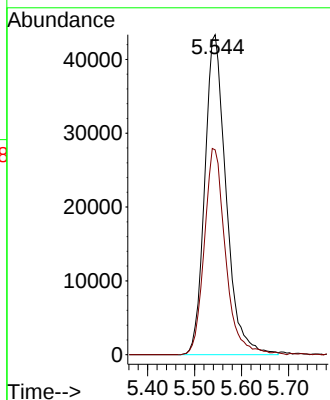
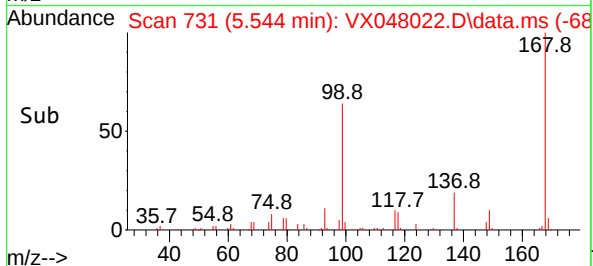


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

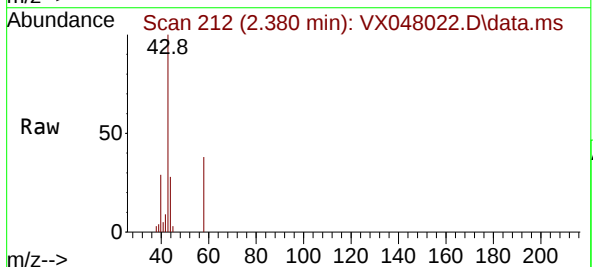
Instrument :
MSVOA_X
ClientSampleId :
MW10



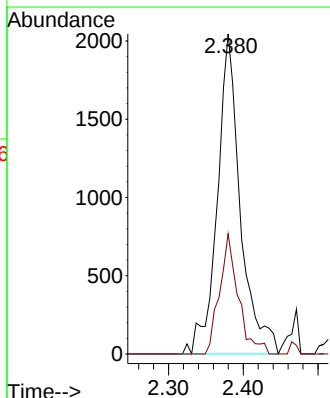
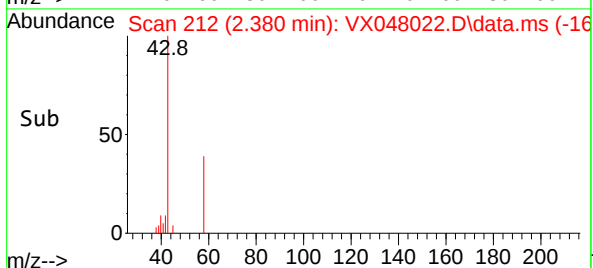
Tgt Ion:168 Resp: 136606
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2

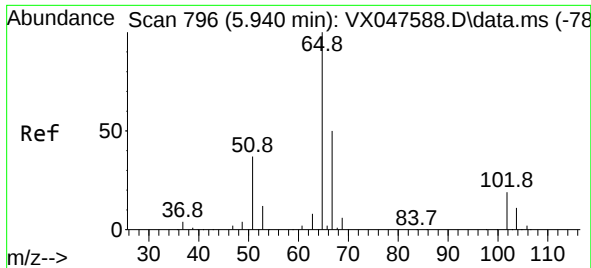


#16
Acetone
Concen: 4.653 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28



Tgt Ion: 43 Resp: 4399
Ion Ratio Lower Upper
43 100
58 37.6 23.4 35.0#

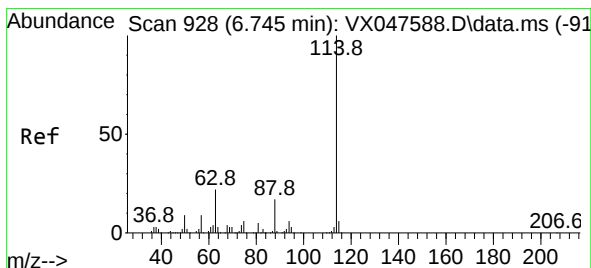
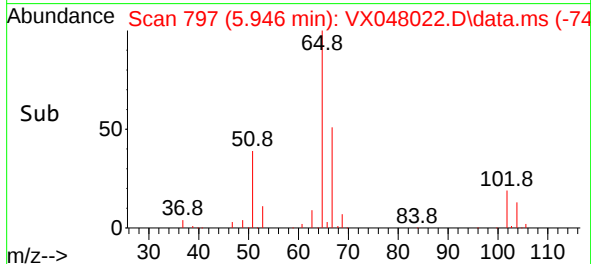
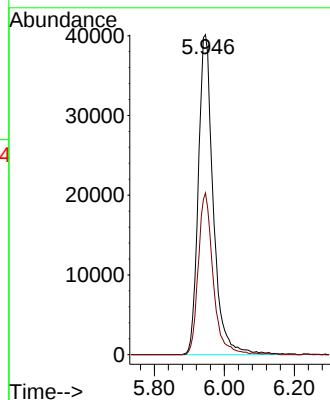
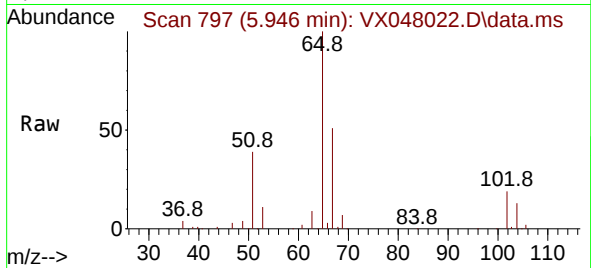




#33
 1,2-Dichloroethane-d4
 Concen: 54.789 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048022.D
 Acq: 06 Oct 2025 14:28

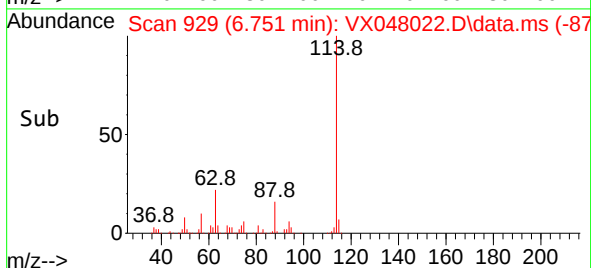
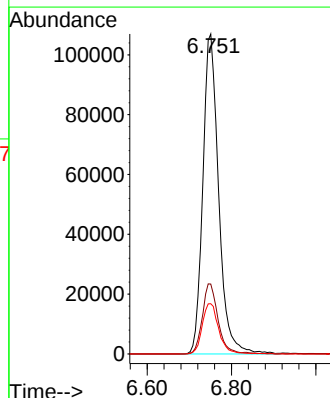
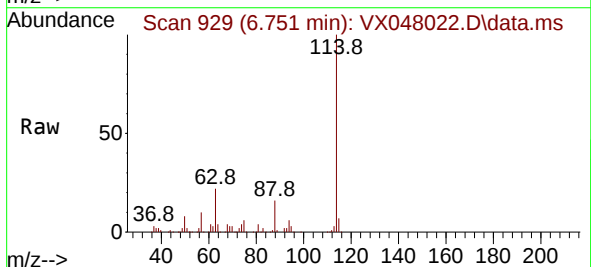
Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Tgt Ion: 65 Resp: 119135
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048022.D
 Acq: 06 Oct 2025 14:28

Tgt Ion: 114 Resp: 279650
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 15.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.122 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048022.D

Acq: 06 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW10

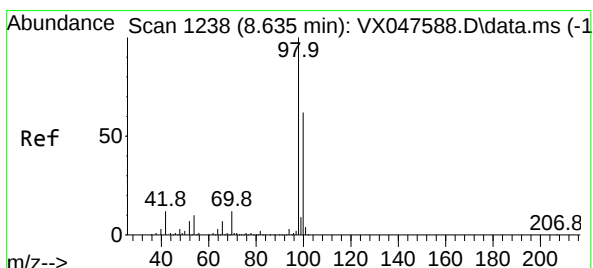
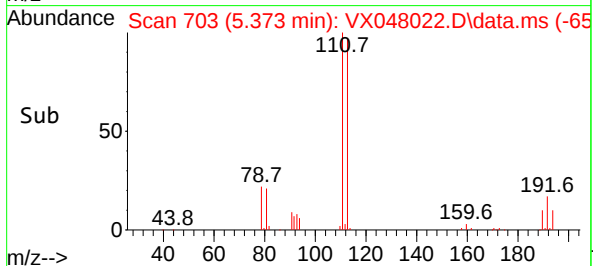
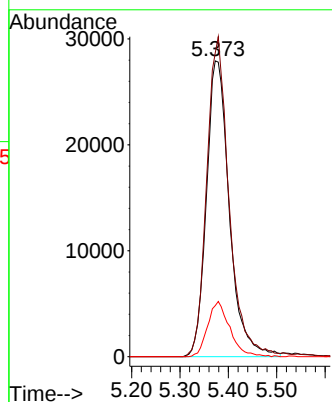
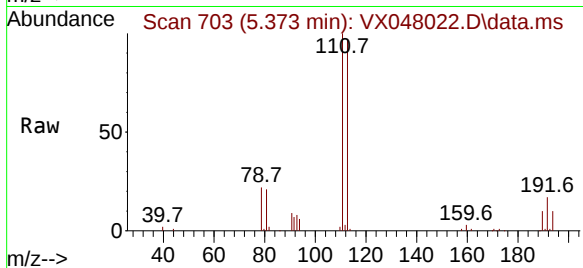
Tgt Ion:113 Resp: 92127

Ion Ratio Lower Upper

113 100

111 105.1 80.9 121.3

192 18.0 14.2 21.4



#50

Toluene-d8

Concen: 48.989 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048022.D

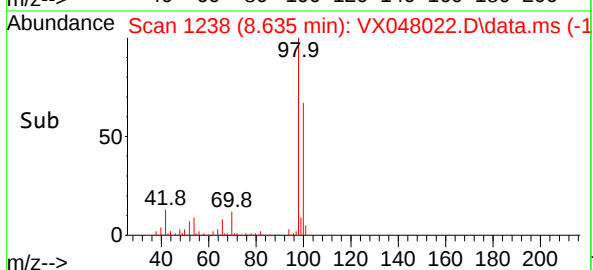
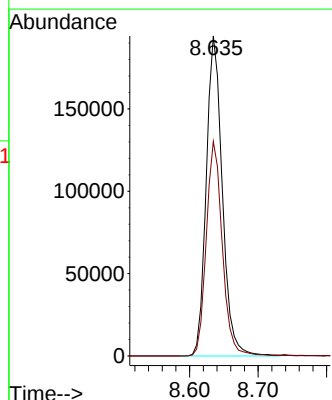
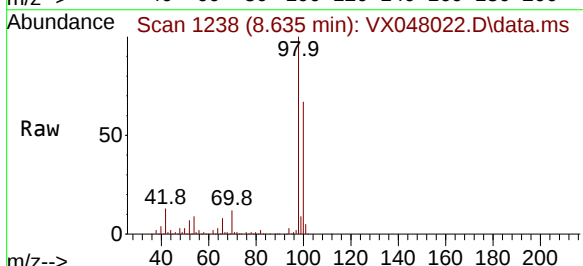
Acq: 06 Oct 2025 14:28

Tgt Ion: 98 Resp: 317920

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.4

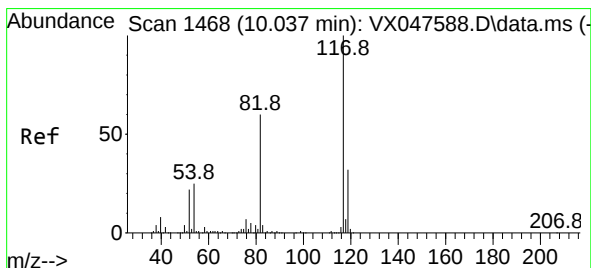
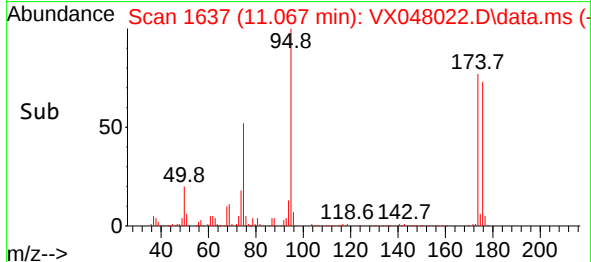
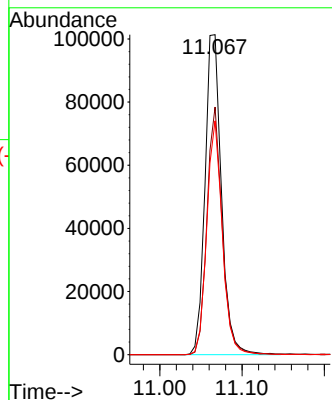
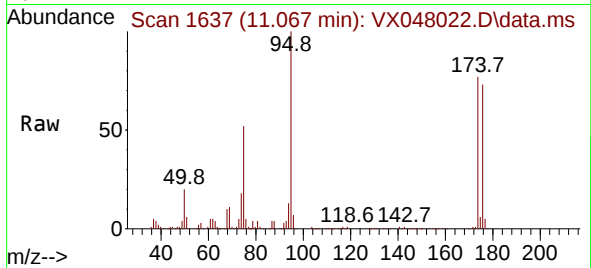




#62
4-Bromofluorobenzene
Concen: 57.131 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

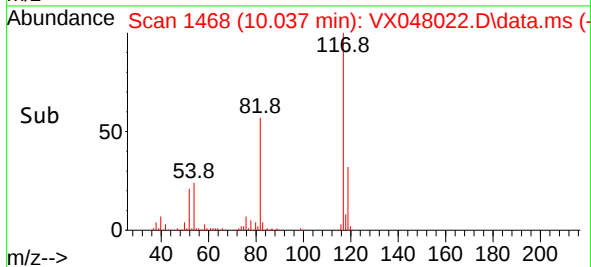
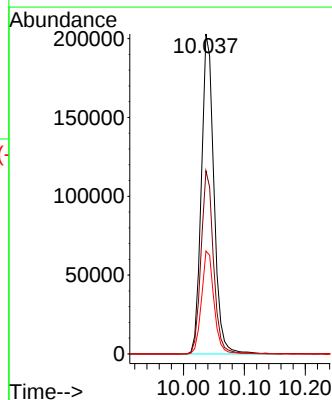
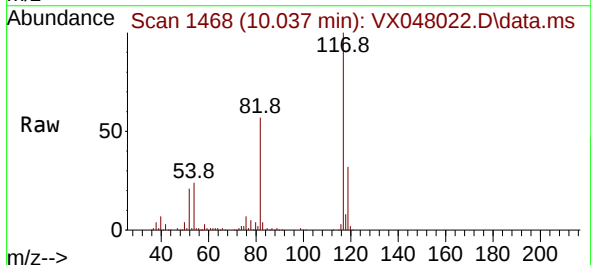
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Tgt Ion: 95 Resp: 140709
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 117 Resp: 291369
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048022.D

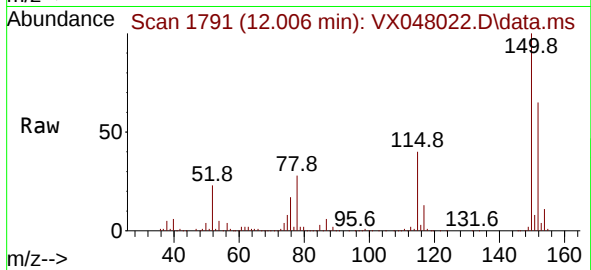
Acq: 06 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW10



Tgt Ion:152 Resp: 151792

Ion Ratio Lower Upper

152 100

115 63.3 44.9 134.5

150 157.8 0.0 352.0

