

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048021.D
 Acq On : 06 Oct 2025 14:07
 Operator : JC/MD
 Sample : Q3201-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW15

Quant Time: Oct 07 02:13:53 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)

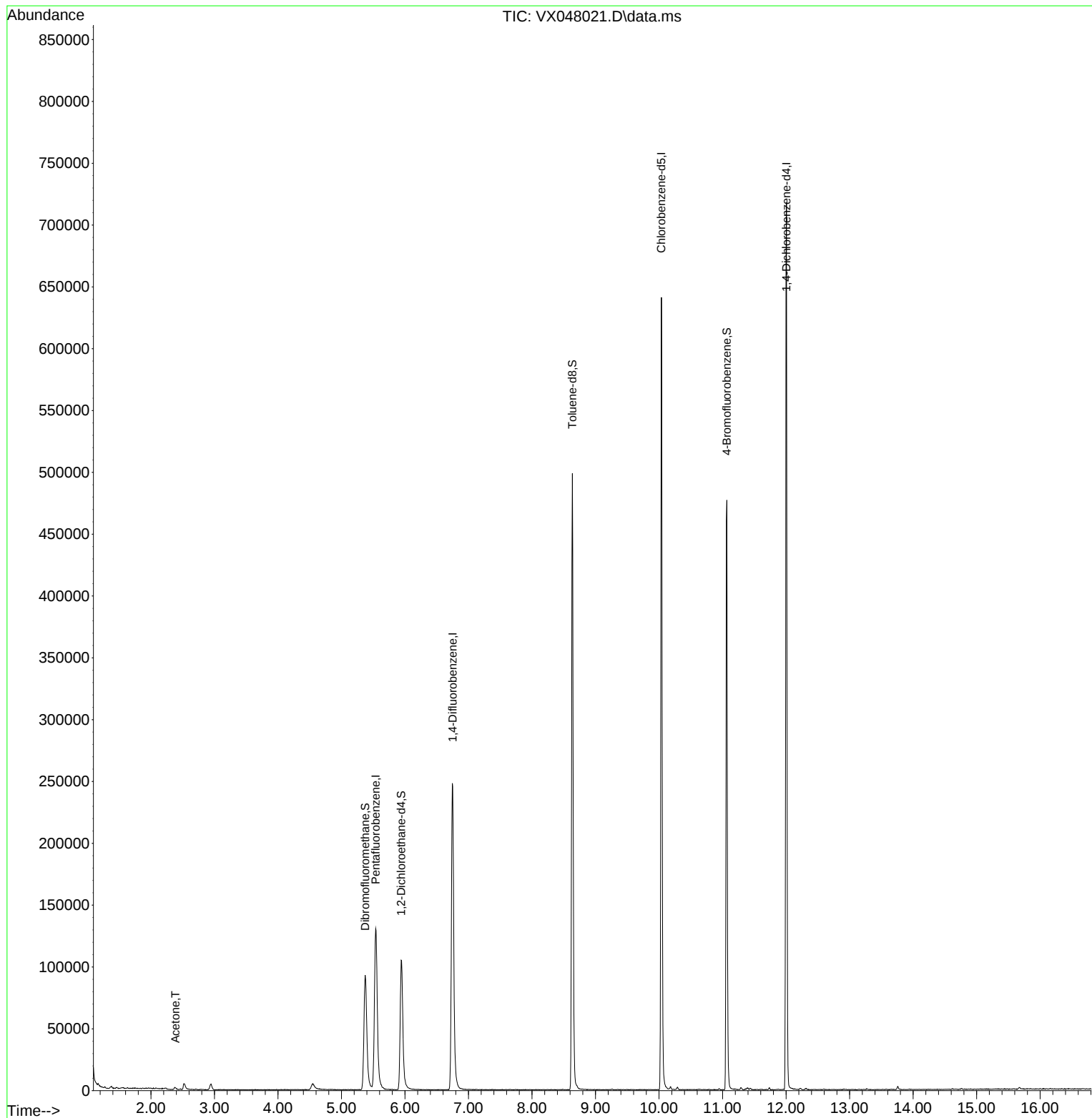
Internal Standards						
1) Pentafluorobenzene	5.538	168	134028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	273148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114515	53.678	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	107.360%	
35) Dibromofluoromethane	5.373	113	91472	49.933	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.860%	
50) Toluene-d8	8.635	98	313165	49.405	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.820%	
62) 4-Bromofluorobenzene	11.067	95	139428	57.959	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	115.920%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2563	2.763	ug/l #	68

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

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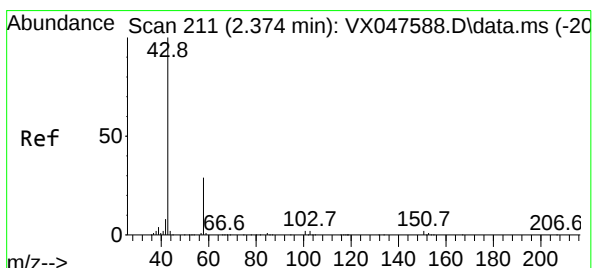
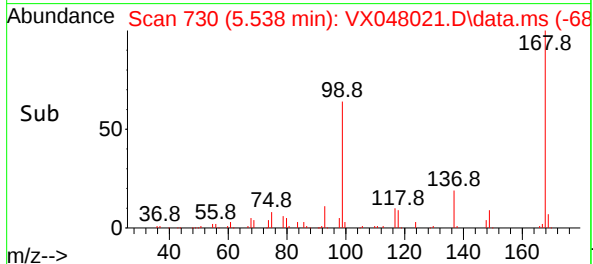
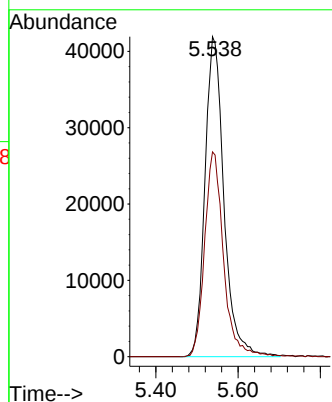
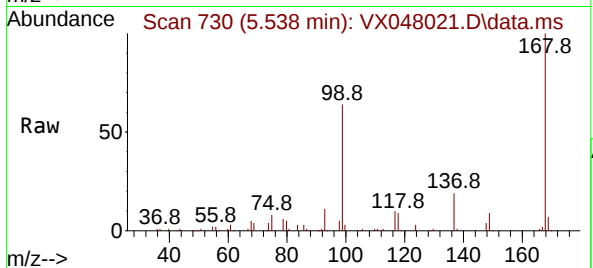




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

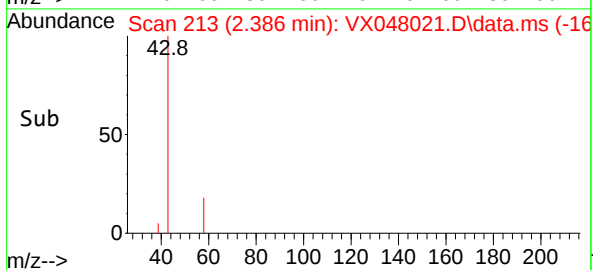
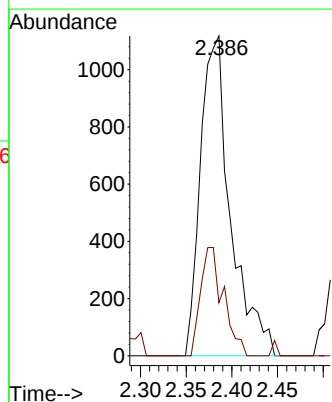
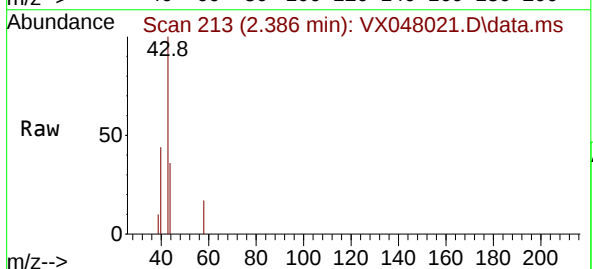
Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion:168 Resp: 134028
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#16
Acetone
Concen: 2.763 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
58 12.2 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 53.678 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048021.D

Acq: 06 Oct 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

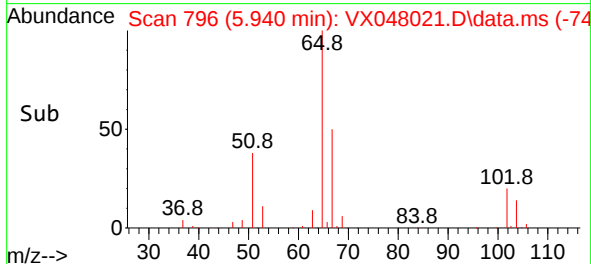
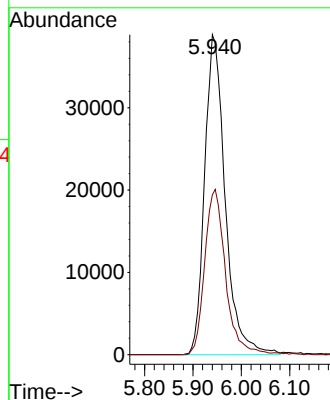
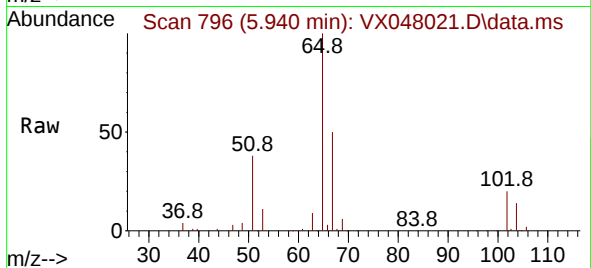
MW15

Tgt Ion: 65 Resp: 114515

Ion Ratio Lower Upper

65 100

67 52.4 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: VX048021.D

Acq: 06 Oct 2025 14:07

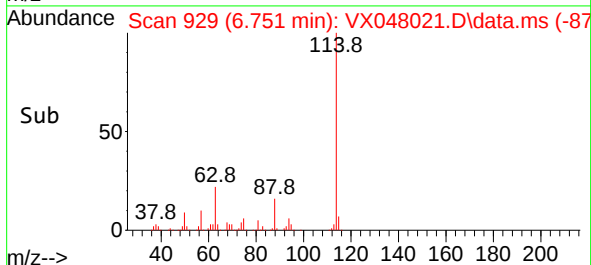
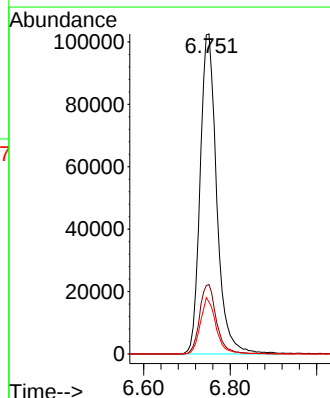
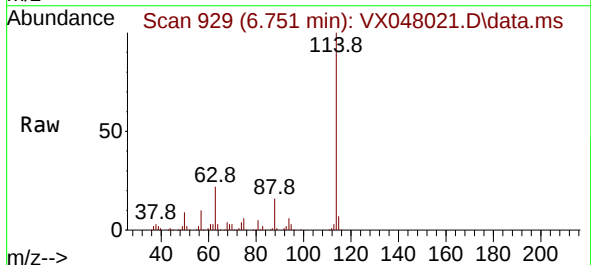
Tgt Ion: 114 Resp: 273148

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.933 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048021.D

Acq: 06 Oct 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

MW15

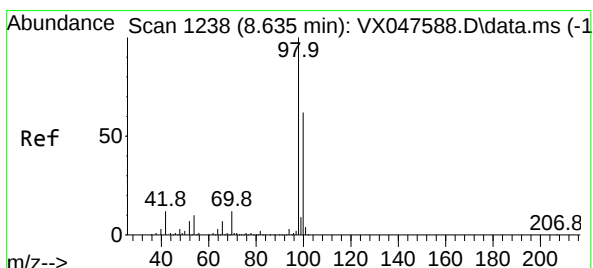
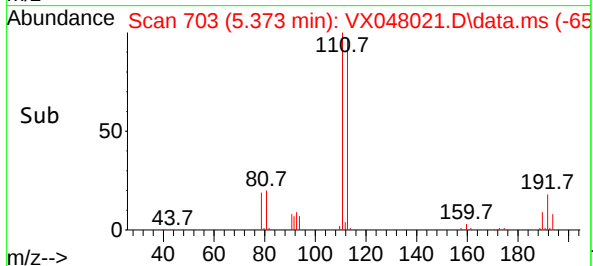
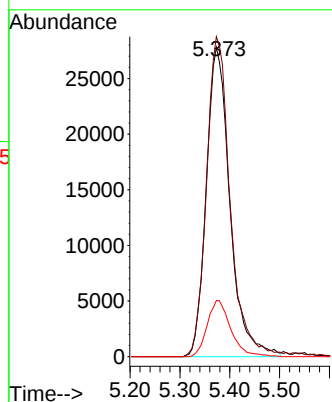
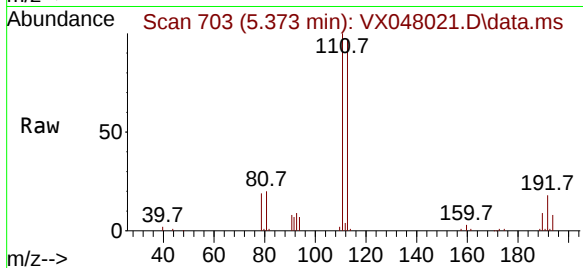
Tgt Ion:113 Resp: 91472

Ion Ratio Lower Upper

113 100

111 103.6 80.9 121.3

192 18.2 14.2 21.4



#50

Toluene-d8

Concen: 49.405 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048021.D

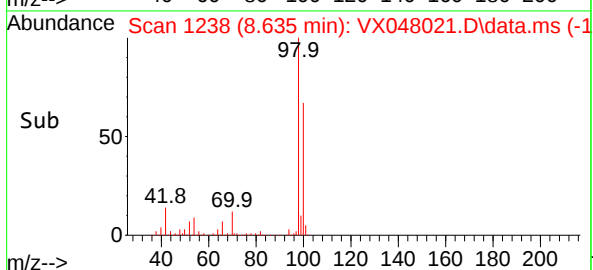
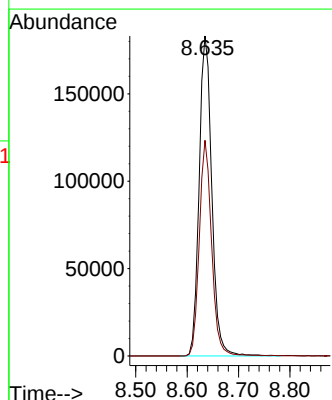
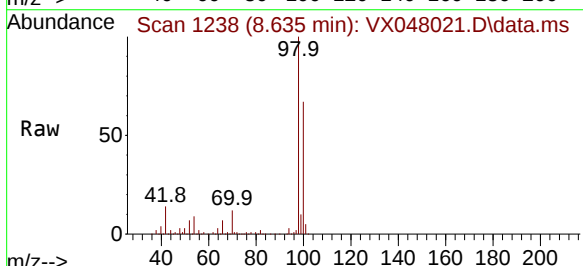
Acq: 06 Oct 2025 14:07

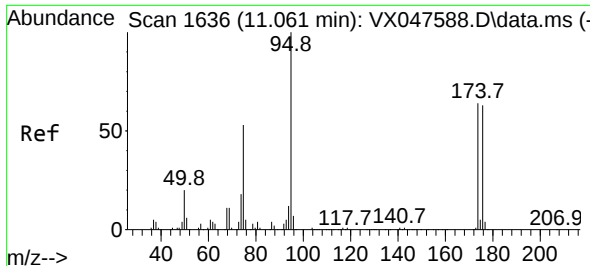
Tgt Ion: 98 Resp: 313165

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4

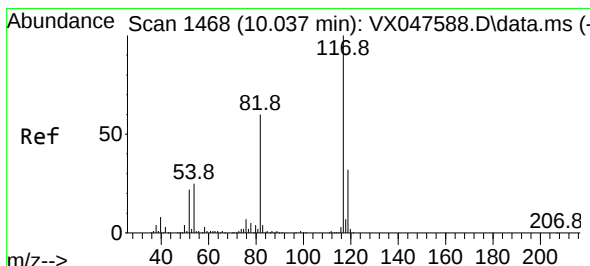
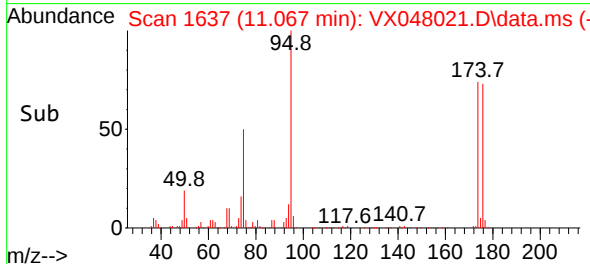
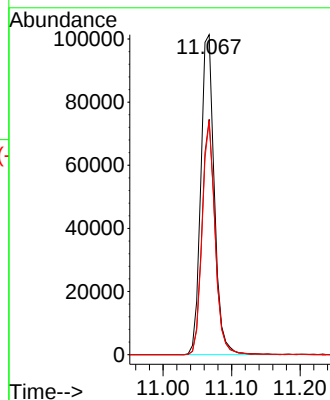
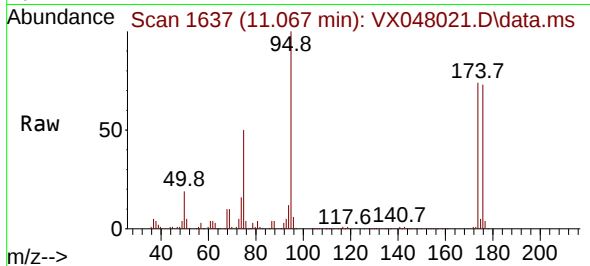




#62
4-Bromofluorobenzene
Concen: 57.959 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

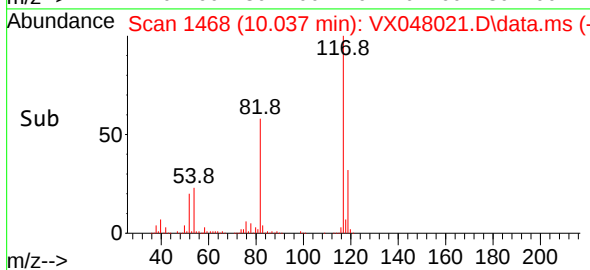
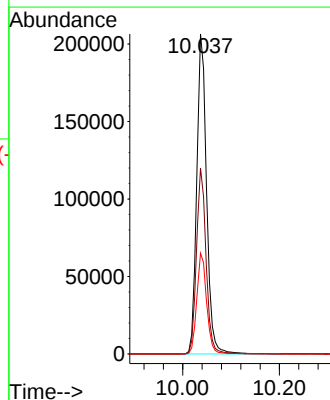
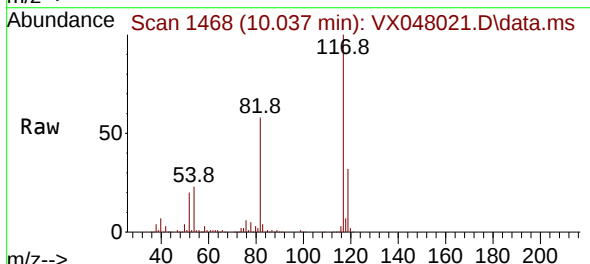
Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion: 95 Resp: 139428
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 69.8 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: VX048021.D
Acq: 06 Oct 2025 14:07

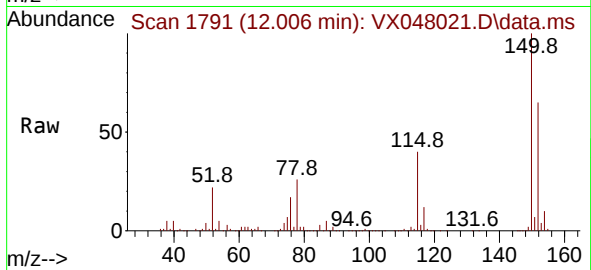
Tgt Ion: 117 Resp: 290347
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 31.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048021.D
 Acq: 06 Oct 2025 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW15



Tgt Ion:152 Resp: 149616
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.9 134.5
 150 158.1 0.0 352.0

