

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048132.D
 Acq On : 13 Oct 2025 11:44
 Operator : JC/MD
 Sample : Q3324-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-780-782

Quant Time: Oct 14 01:52:19 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)

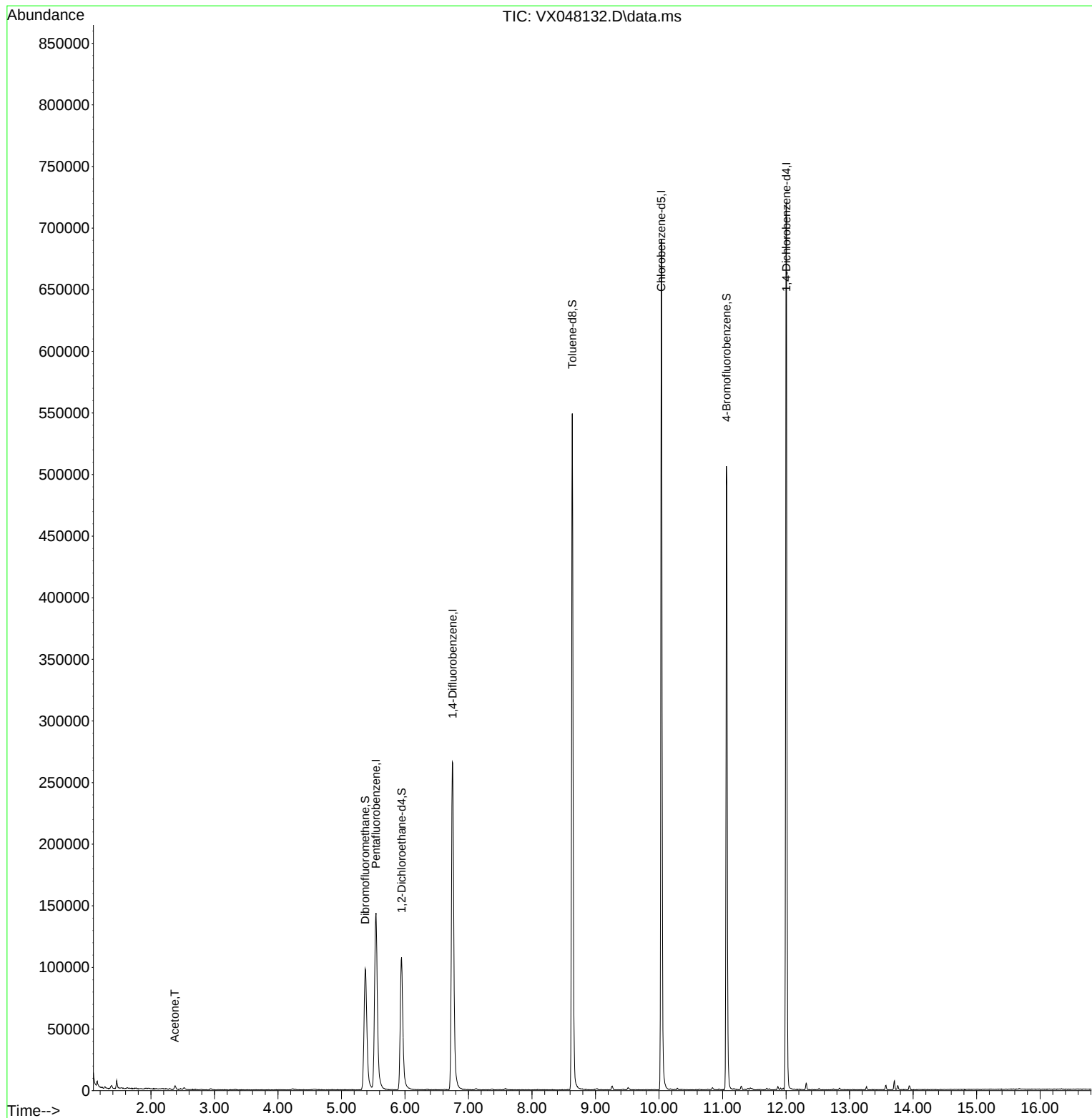
Internal Standards						
1) Pentafluorobenzene	5.544	168	145285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	293131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116568	50.406	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.820%		
35) Dibromofluoromethane	5.373	113	96052	48.859	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.720%		
50) Toluene-d8	8.635	98	331940	48.798	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.600%		
62) 4-Bromofluorobenzene	11.061	95	145147	56.223	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.440%		
Target Compounds						
16) Acetone	2.374	43	3821	3.800	ug/l	Qvalue 96

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

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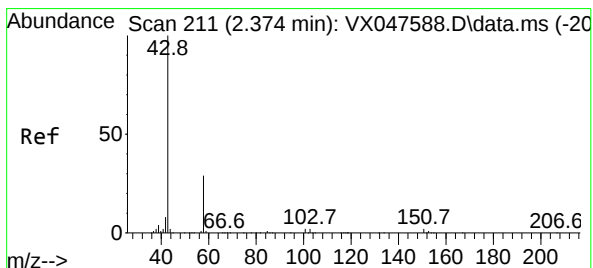
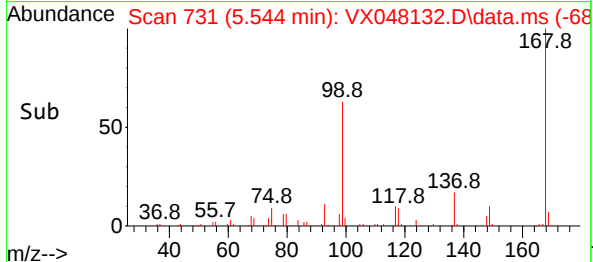
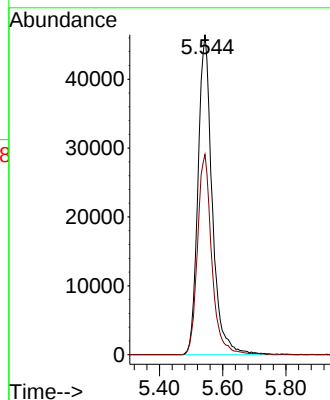
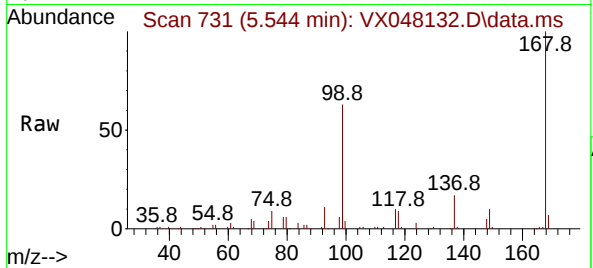




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

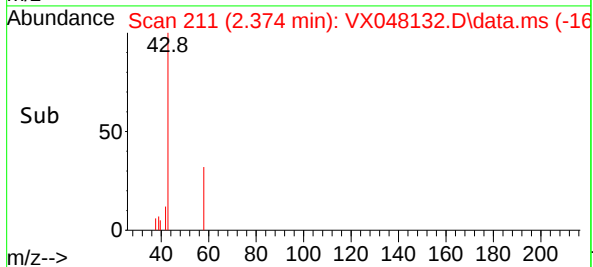
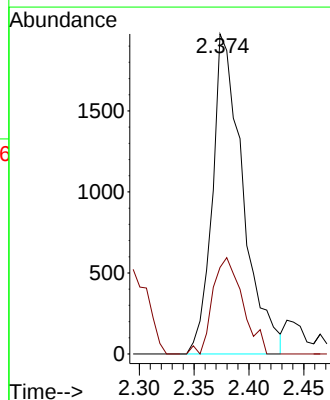
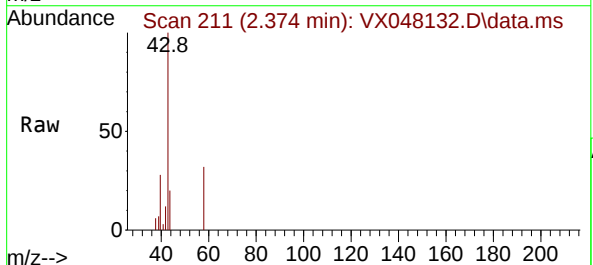
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:168 Resp: 145285
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#16
Acetone
Concen: 3.800 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
58 27.0 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 50.406 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048132.D

Acq: 13 Oct 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

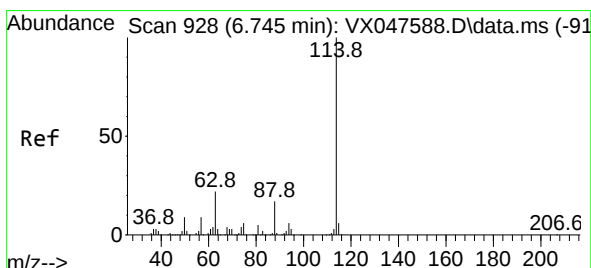
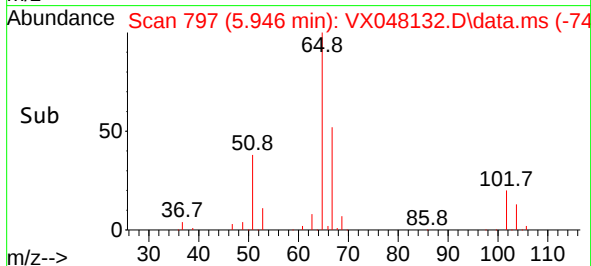
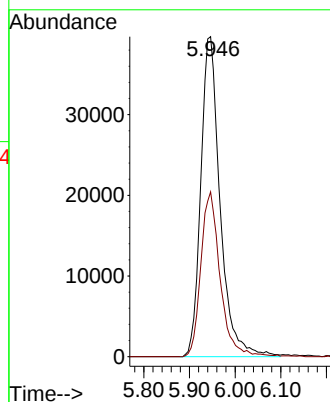
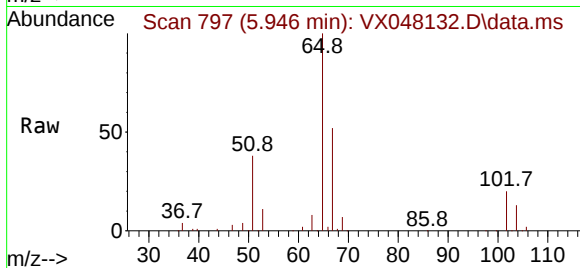
BP-VPB-184-GW-780-782

Tgt Ion: 65 Resp: 116568

Ion Ratio Lower Upper

65 100

67 51.4 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: VX048132.D

Acq: 13 Oct 2025 11:44

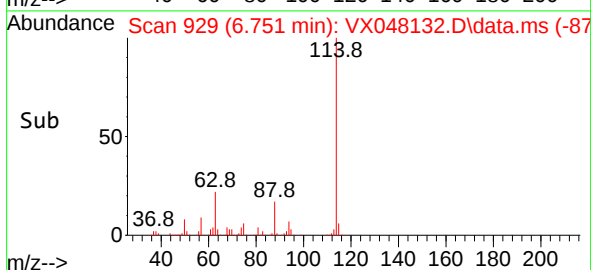
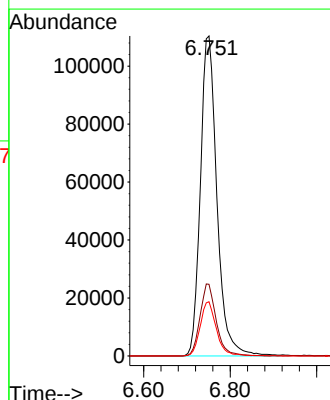
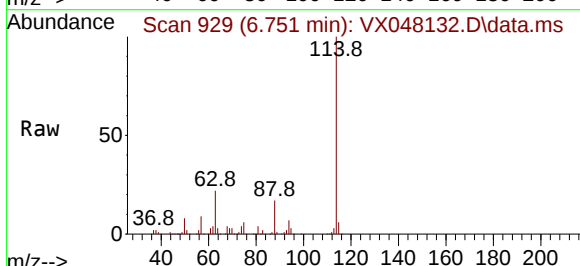
Tgt Ion: 114 Resp: 293131

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 16.9 0.0 34.2

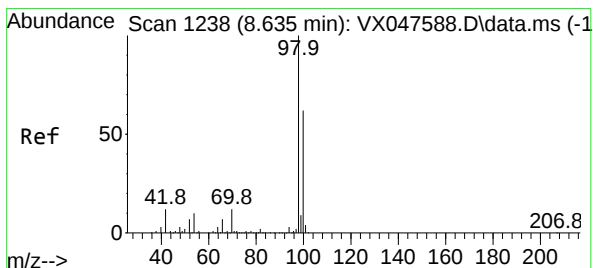
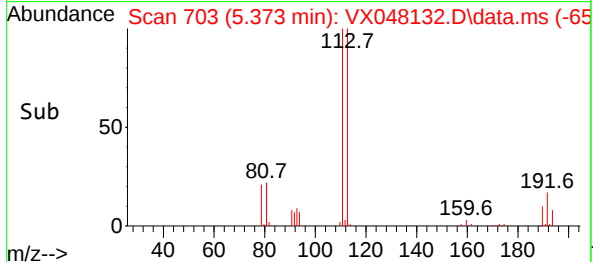
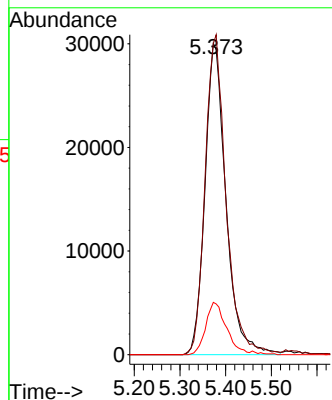
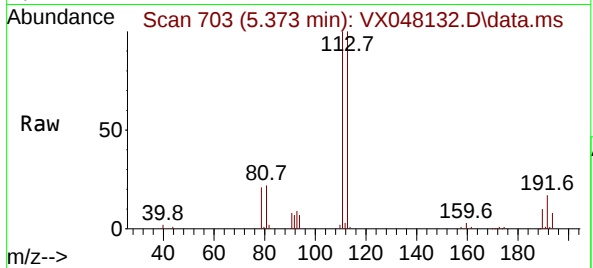




#35
Dibromofluoromethane
Concen: 48.859 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

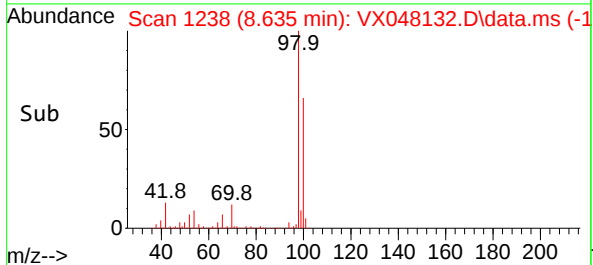
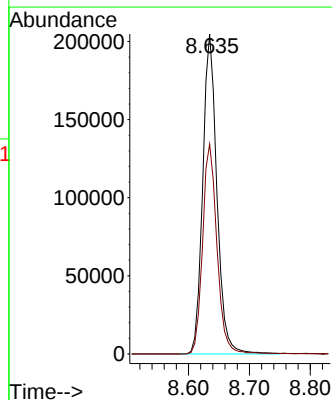
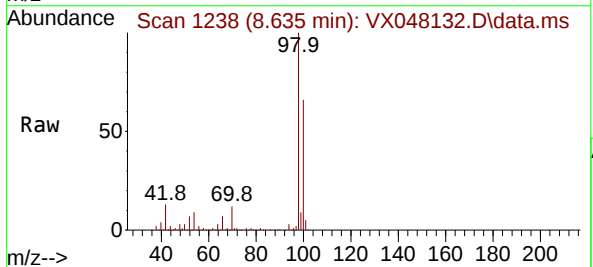
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:113 Resp: 96052
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 16.5 14.2 21.4



#50
Toluene-d8
Concen: 48.798 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Tgt Ion: 98 Resp: 331940
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

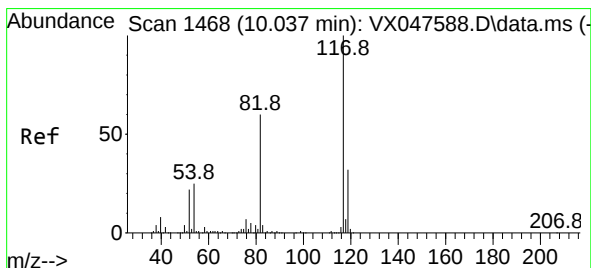
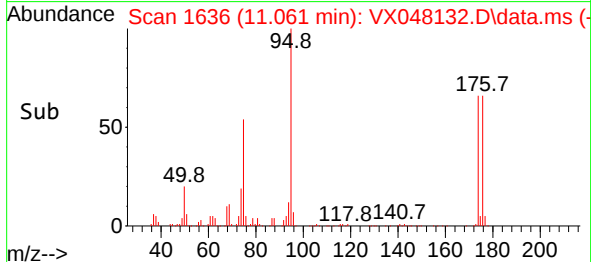
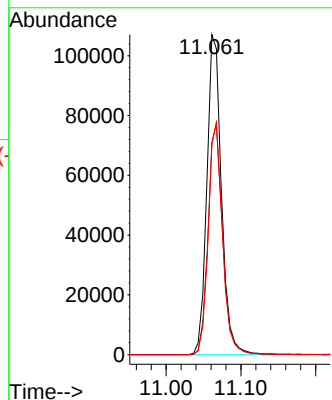
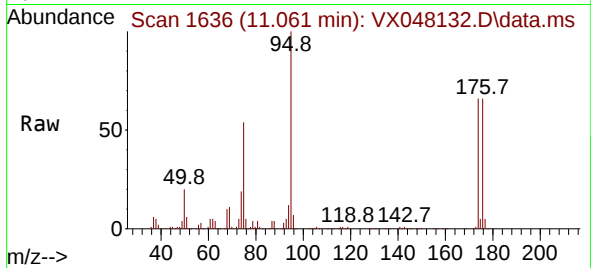




#62
4-Bromofluorobenzene
Concen: 56.223 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

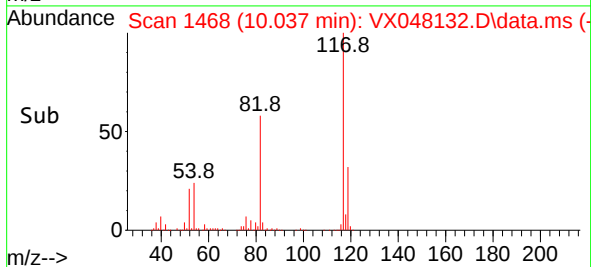
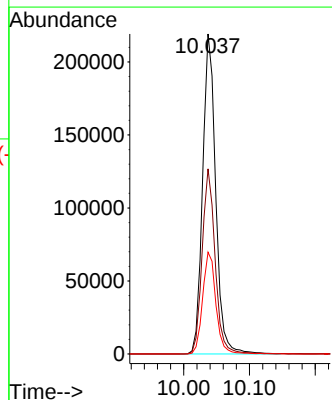
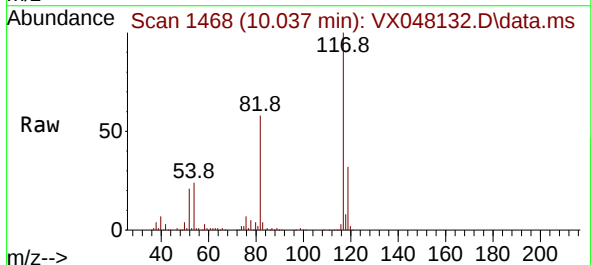
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion: 95 Resp: 145147
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.8 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: VX048132.D
Acq: 13 Oct 2025 11:44

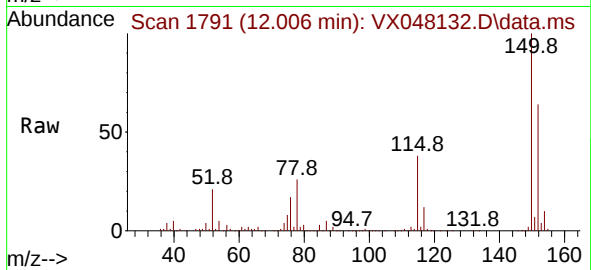
Tgt Ion: 117 Resp: 303093
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048132.D
 Acq: 13 Oct 2025 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-780-782



Tgt Ion:152 Resp: 152502
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 155.6 0.0 352.0

