

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048133.D
 Acq On : 13 Oct 2025 12:05
 Operator : JC/MD
 Sample : Q3324-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-DUP-20251009

Quant Time: Oct 14 01:52:41 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)

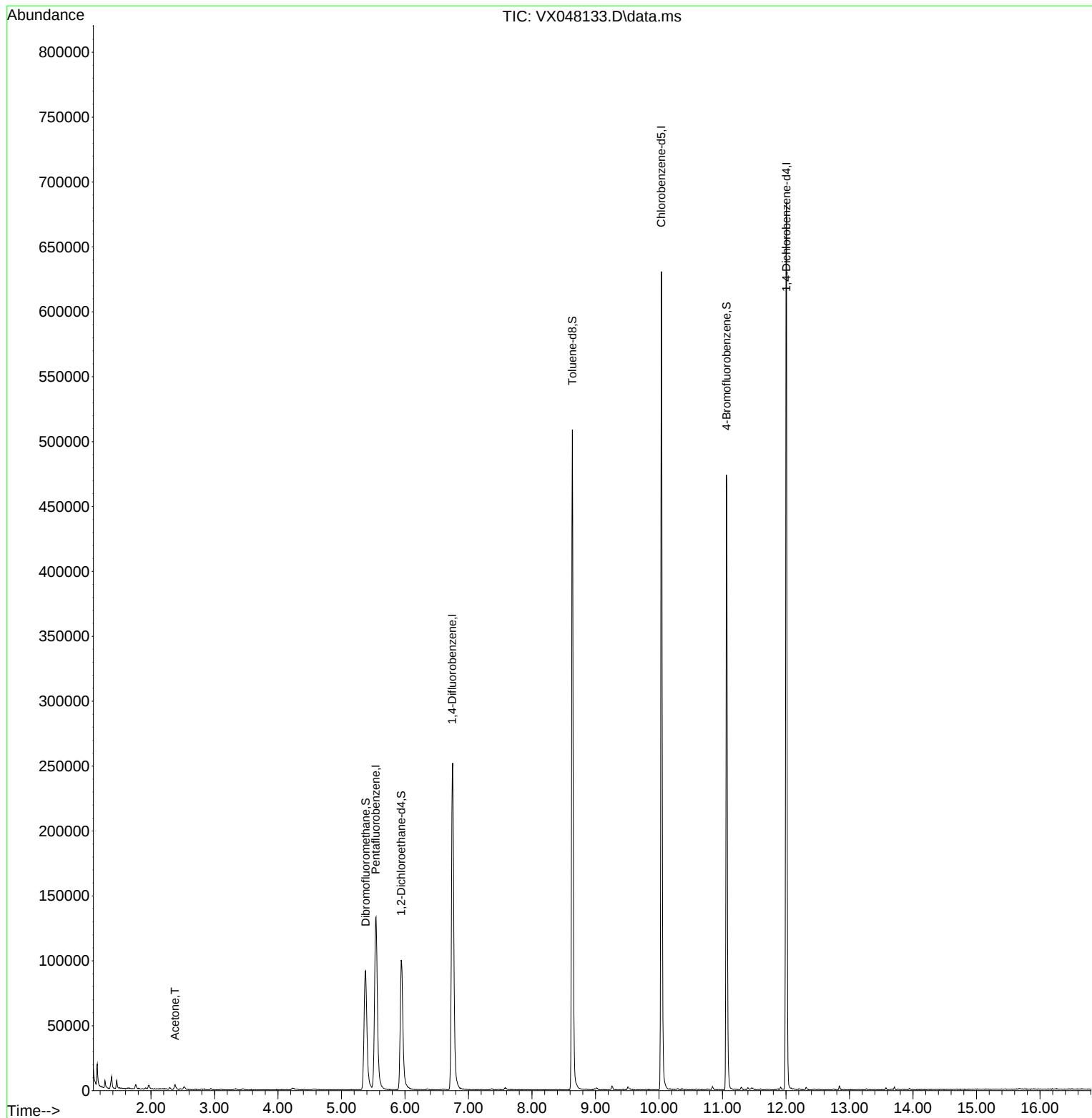
Internal Standards						
1) Pentafluorobenzene	5.538	168	134129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	276039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	289836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111025	52.002	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.000%
35) Dibromofluoromethane	5.379	113	90378	48.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	8.635	98	309909	48.380	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.061	95	137869	56.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.420%
Target Compounds						
16) Acetone	2.380	43	4852	5.227	ug/l	98

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

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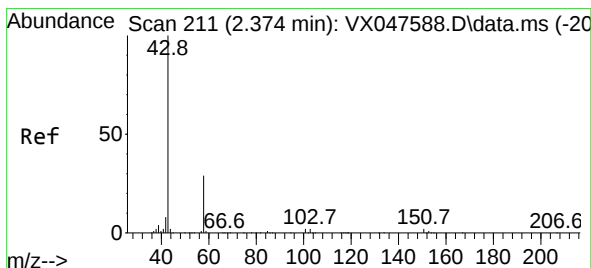
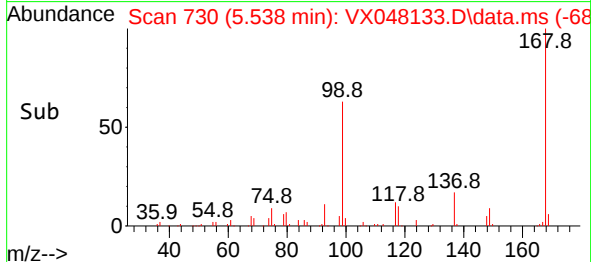
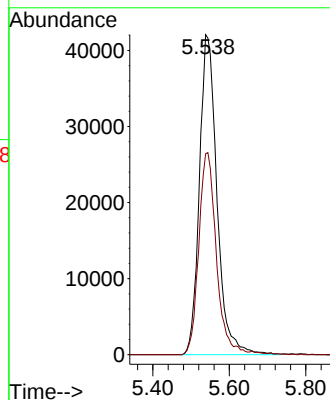
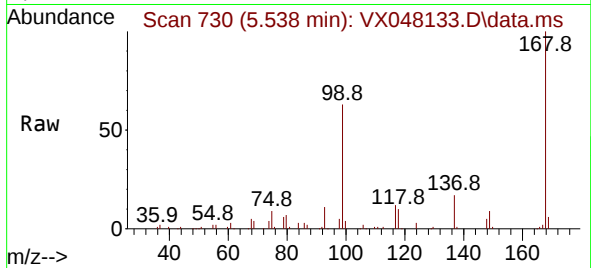




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

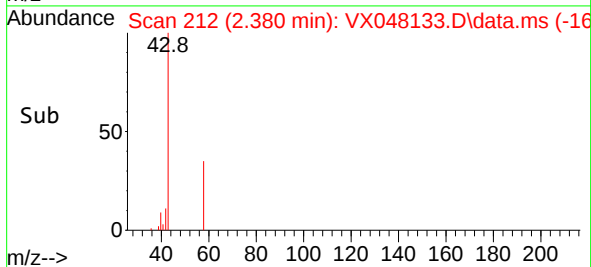
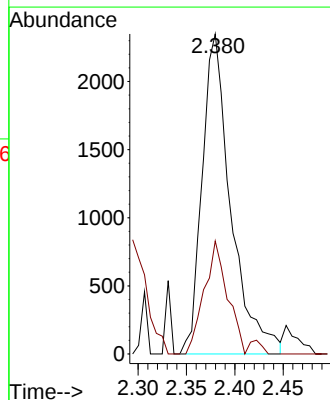
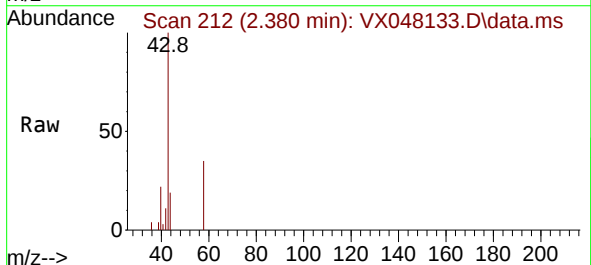
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion:168 Resp: 134129
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#16
Acetone
Concen: 5.227 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Tgt Ion: 43 Resp: 4852
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 52.002 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048133.D

Acq: 13 Oct 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

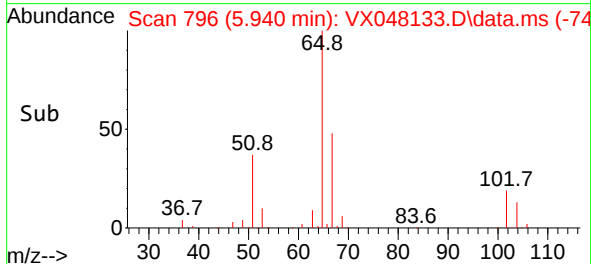
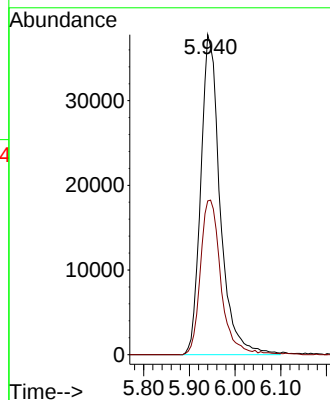
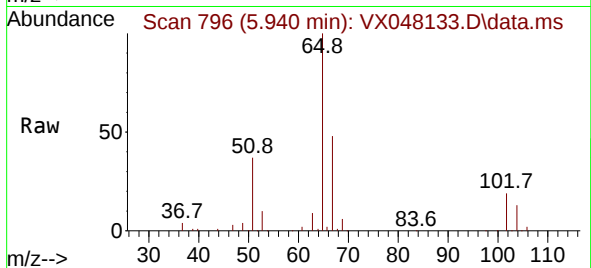
BP-VPB-184-DUP-20251009

Tgt Ion: 65 Resp: 111025

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048133.D

Acq: 13 Oct 2025 12:05

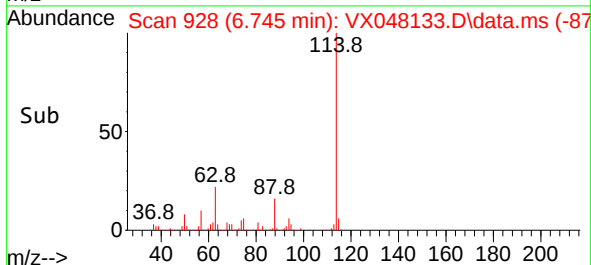
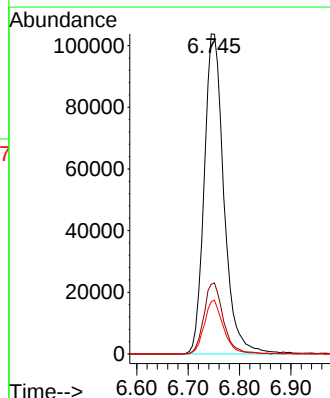
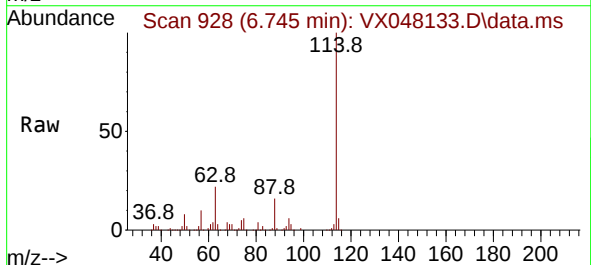
Tgt Ion: 114 Resp: 276039

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048133.D

Acq: 13 Oct 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-DUP-20251009

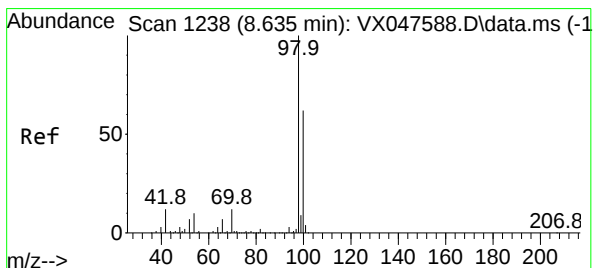
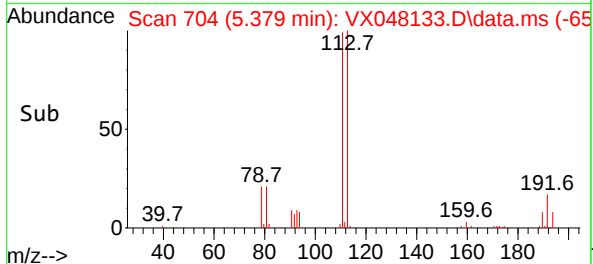
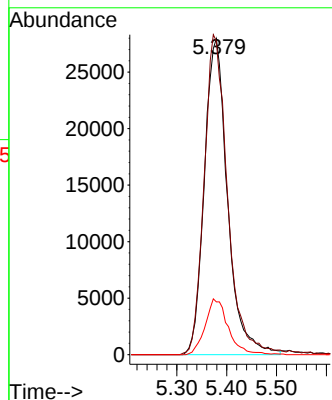
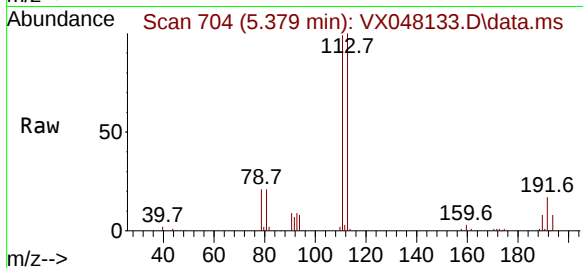
Tgt Ion:113 Resp: 90378

Ion Ratio Lower Upper

113 100

111 102.3 80.9 121.3

192 17.6 14.2 21.4



#50

Toluene-d8

Concen: 48.380 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048133.D

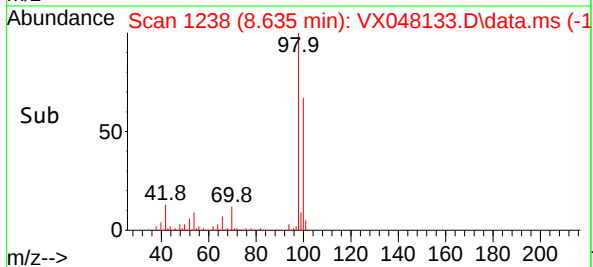
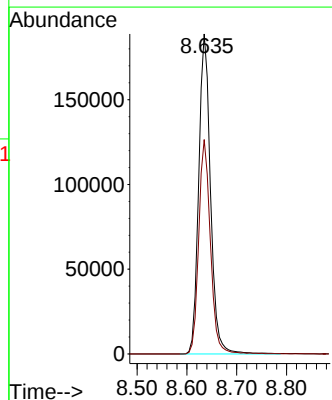
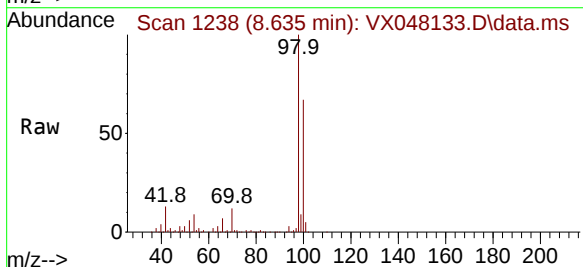
Acq: 13 Oct 2025 12:05

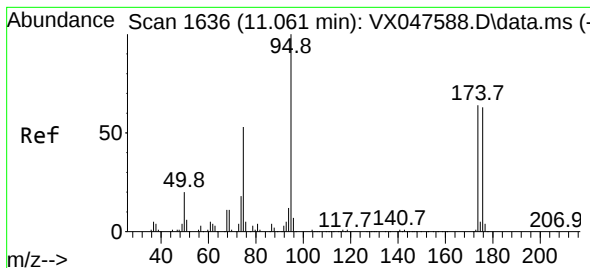
Tgt Ion: 98 Resp: 309909

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

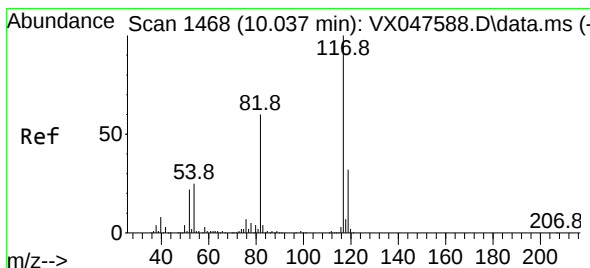
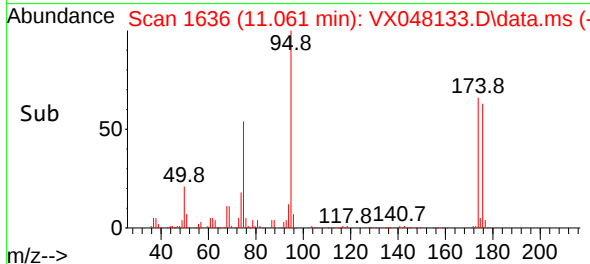
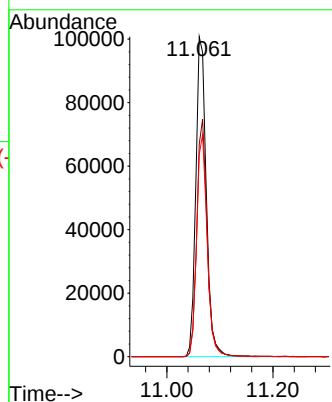
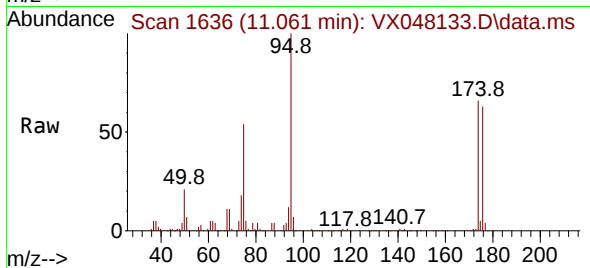




#62
4-Bromofluorobenzene
Concen: 56.711 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

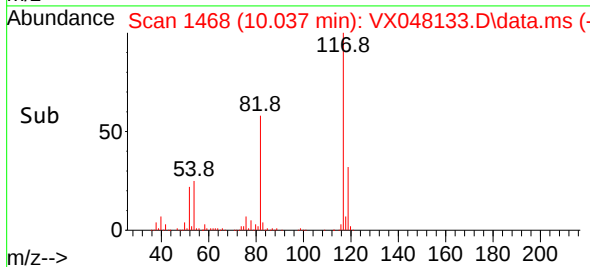
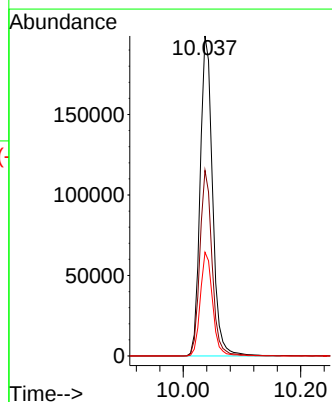
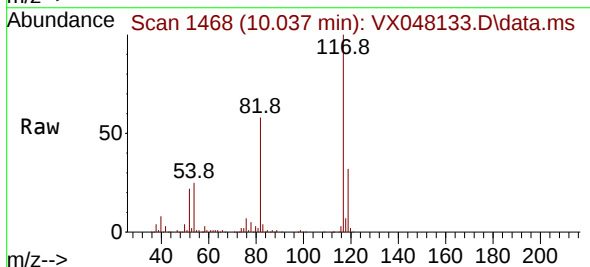
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Tgt Ion: 95 Resp: 137869
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

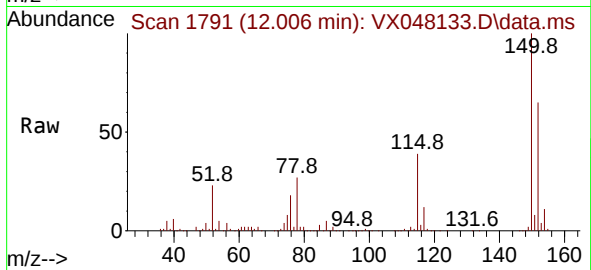
Tgt Ion: 117 Resp: 289836
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.6
119 32.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048133.D
 Acq: 13 Oct 2025 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-DUP-20251009



Tgt Ion:152 Resp: 147242
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 156.6 0.0 352.0

