

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047968.D
 Acq On : 02 Oct 2025 15:10
 Operator : JC/MD
 Sample : Q3194-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB09-20250912

Quant Time: Oct 03 03:31:55 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	125397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	254057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99788	49.994	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.980%
35) Dibromofluoromethane	5.379	113	82602	48.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.635	98	285299	48.391	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.067	95	120212	53.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.460%

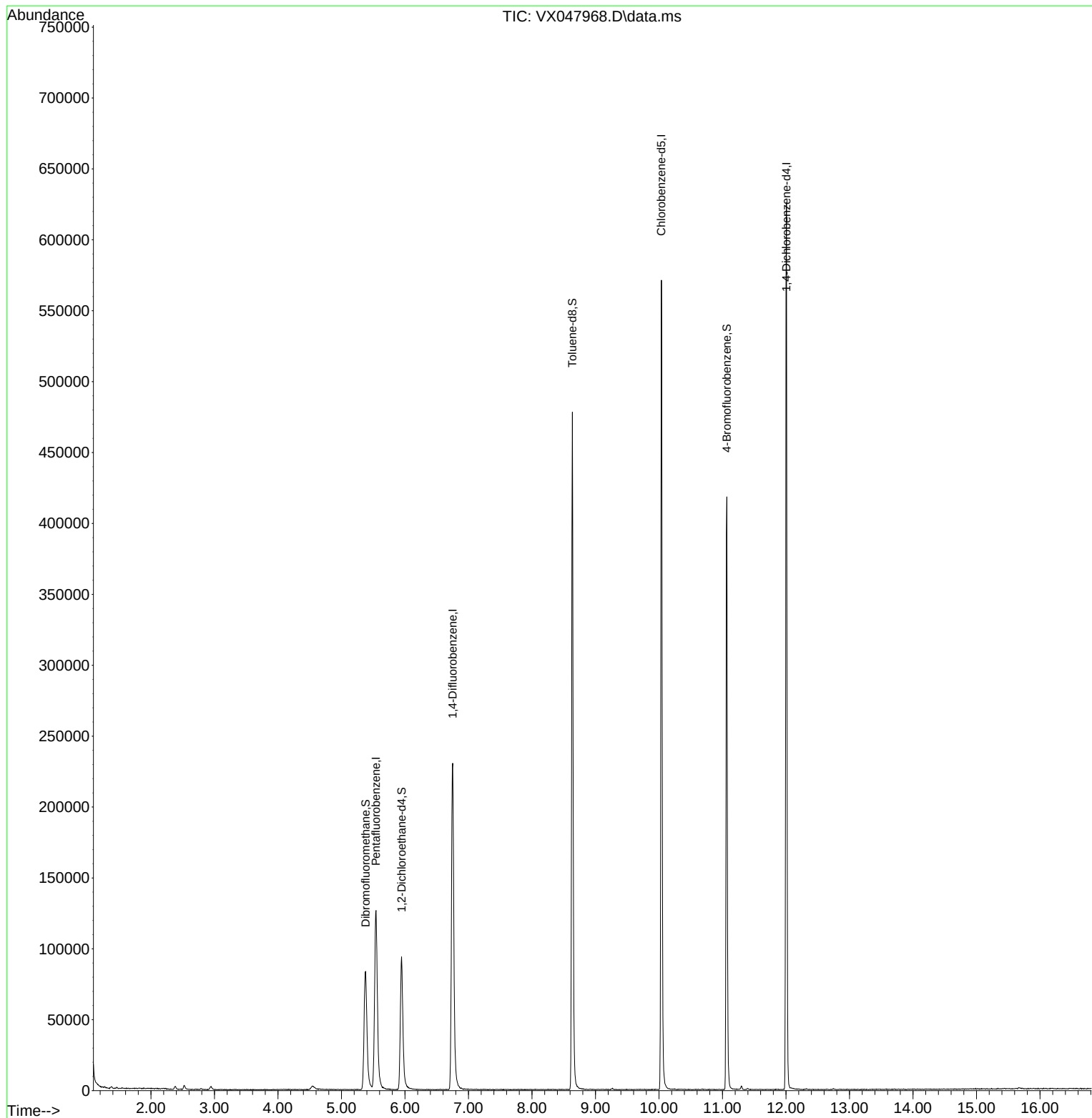
Target Compounds	Qvalue

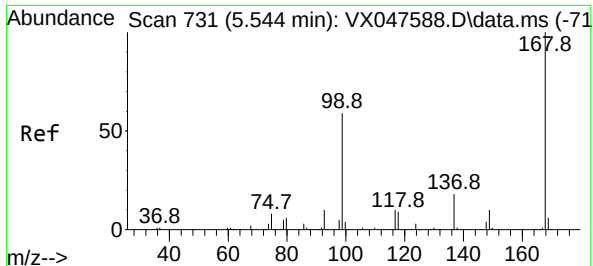
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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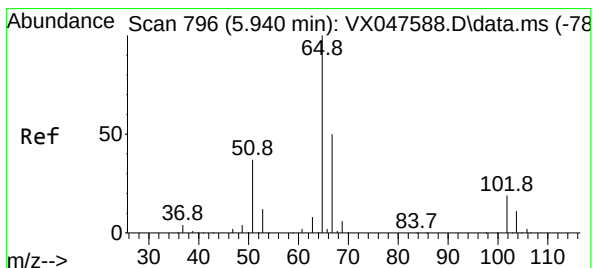
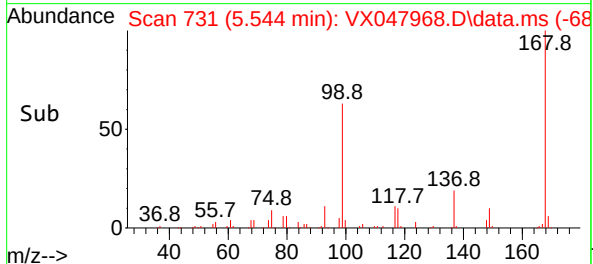
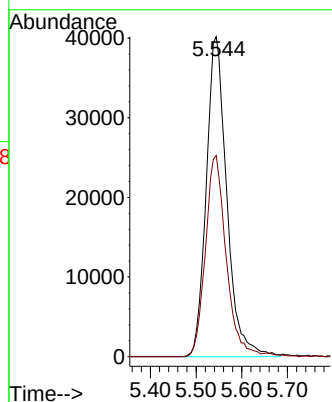
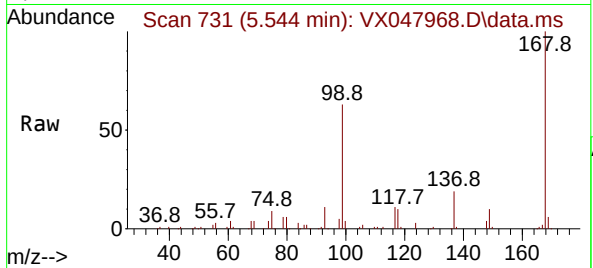




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

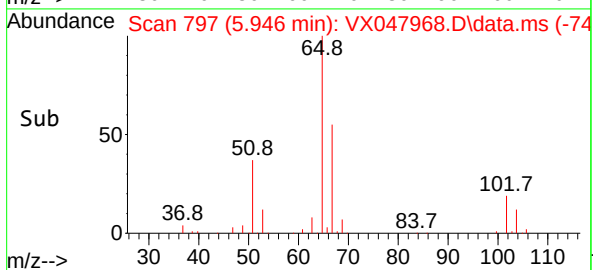
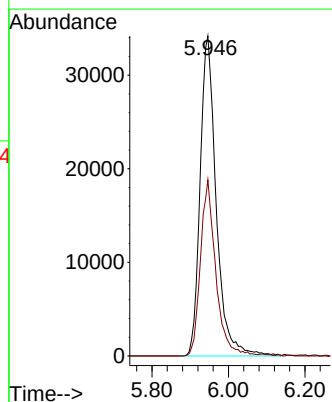
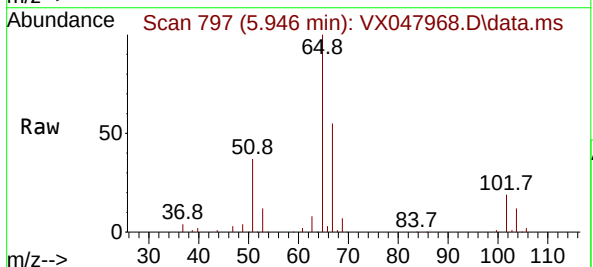
Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

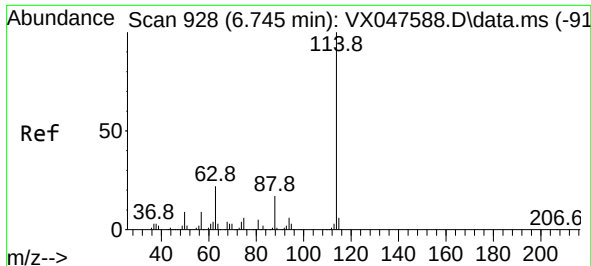
Tgt Ion:168 Resp: 125397
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.994 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 65 Resp: 99788
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

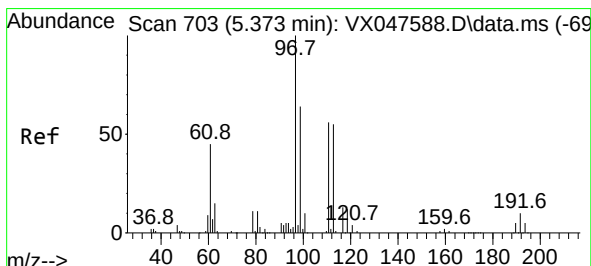
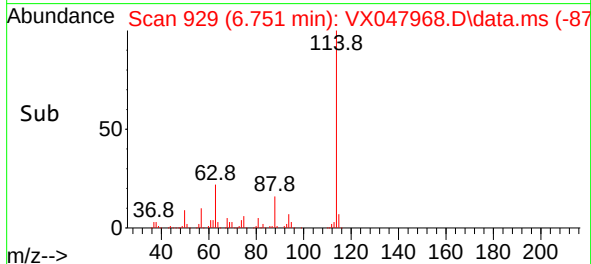
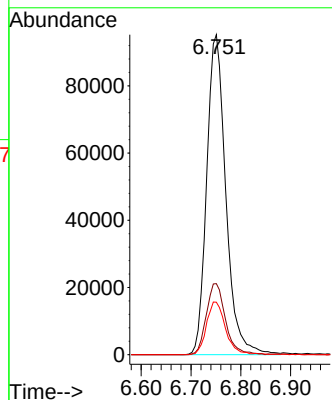
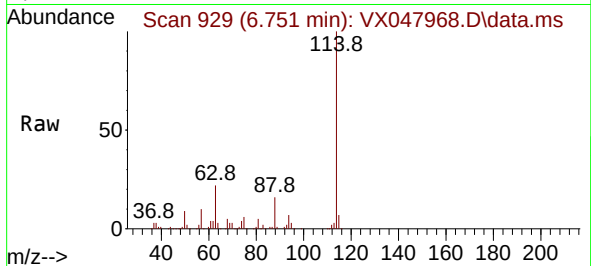




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

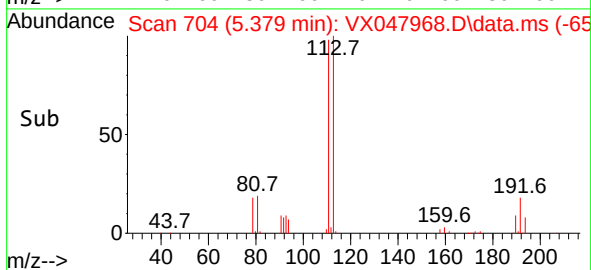
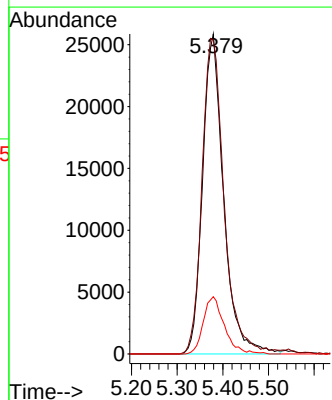
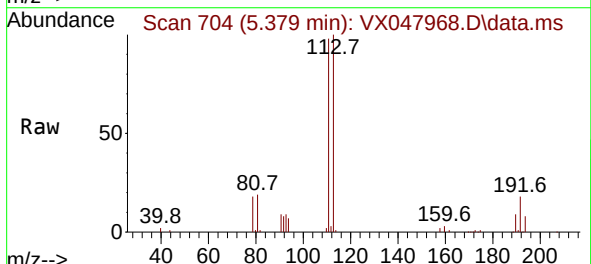
Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

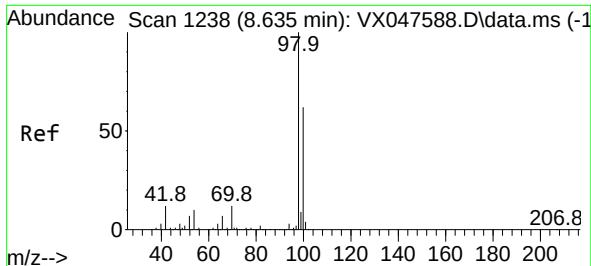
Tgt Ion:114 Resp: 254057
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion:113 Resp: 82602
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 17.5 14.2 21.4

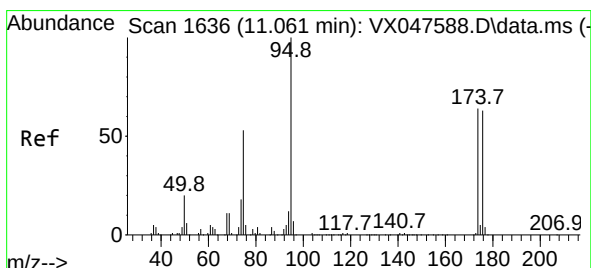
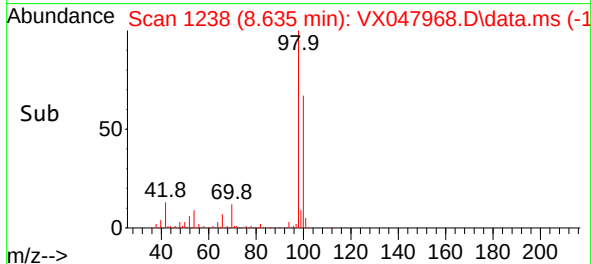
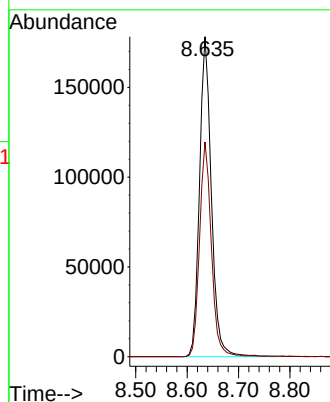
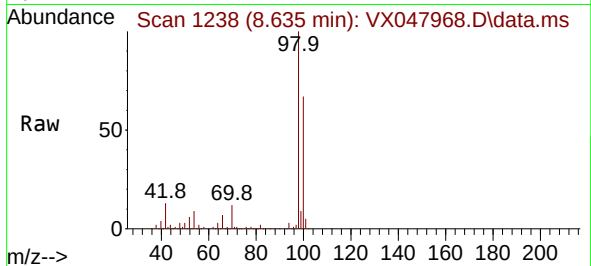




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

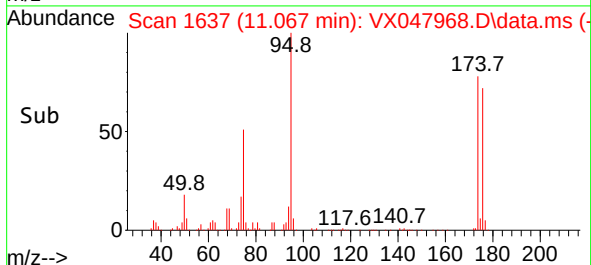
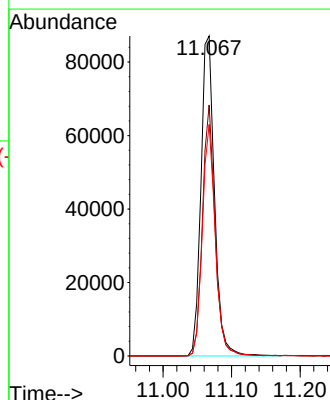
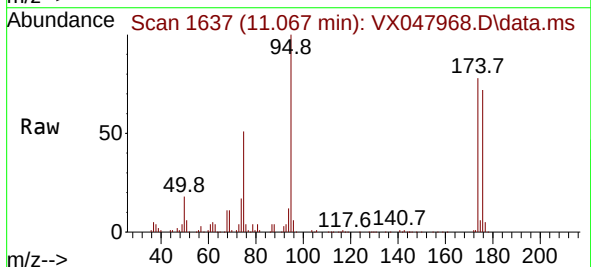
Instrument :
MSVOA_X
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TB09-20250912

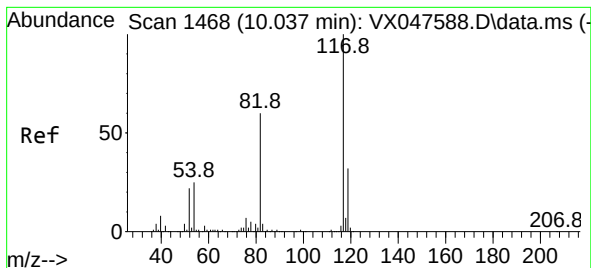
Tgt Ion: 98 Resp: 285299
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.726 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 95 Resp: 120212
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.3 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: VX047968.D

Acq: 02 Oct 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

TB09-20250912

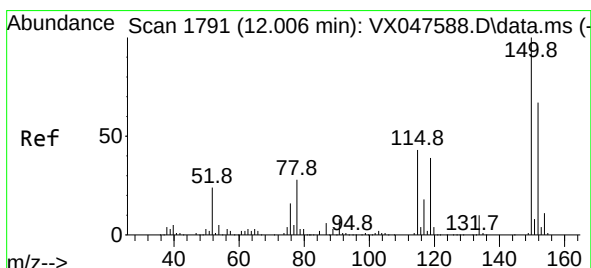
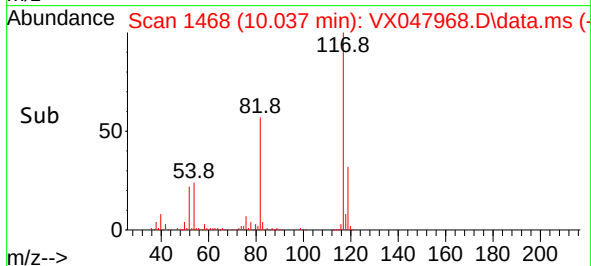
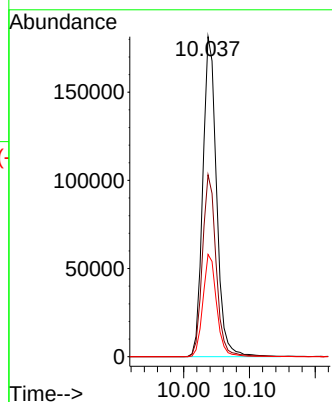
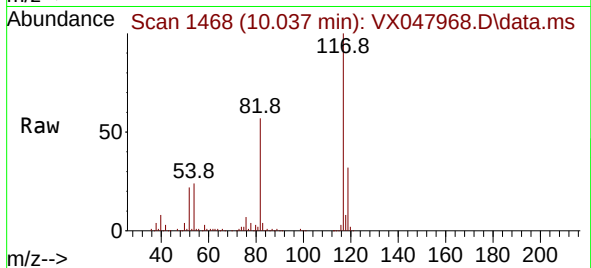
Tgt Ion:117 Resp: 264333

Ion Ratio Lower Upper

117 100

82 56.9 47.8 71.6

119 32.0 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047968.D

Acq: 02 Oct 2025 15:10

Tgt Ion:152 Resp: 130557

Ion Ratio Lower Upper

152 100

115 62.8 44.9 134.5

150 157.0 0.0 352.0

