

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048174.D
 Acq On : 14 Oct 2025 17:57
 Operator : JC/MD
 Sample : Q3325-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 15 02:49:57 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	119484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104185	54.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.560%
35) Dibromofluoromethane	5.379	113	84957	51.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	8.634	98	283894	49.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.061	95	122581	56.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.020%

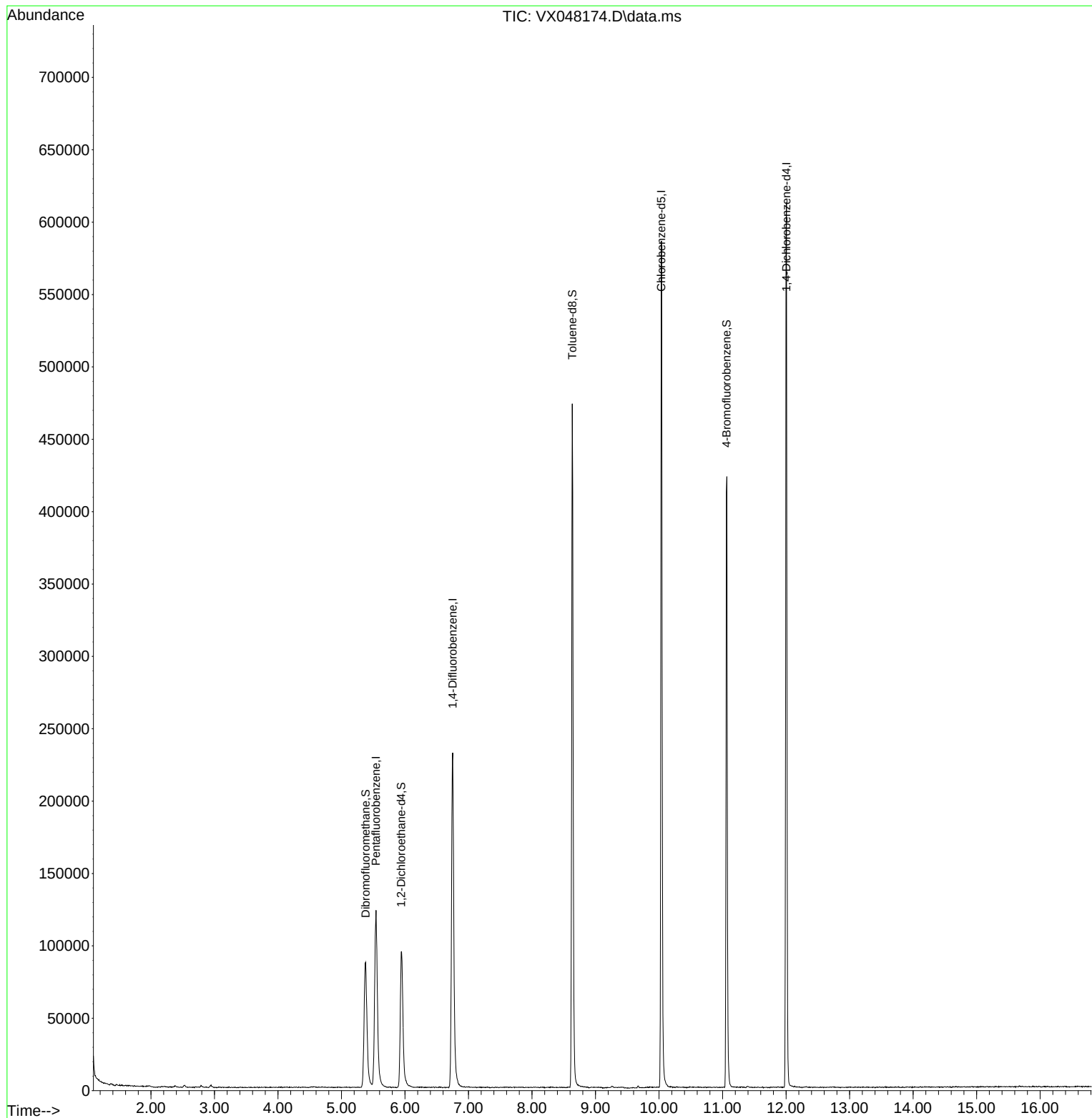
Target Compounds	Qvalue

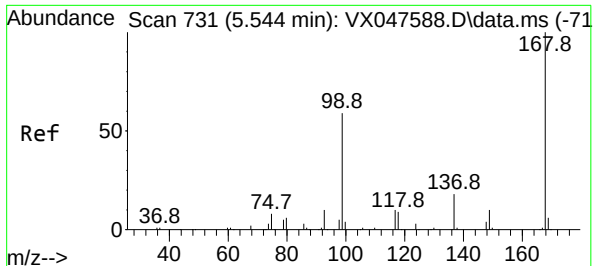
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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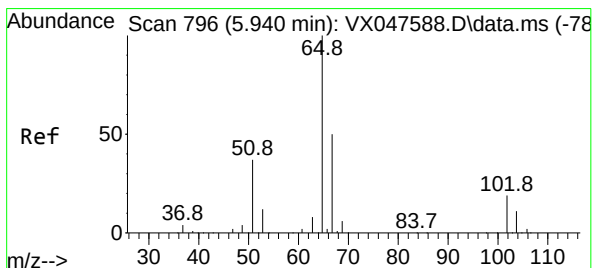
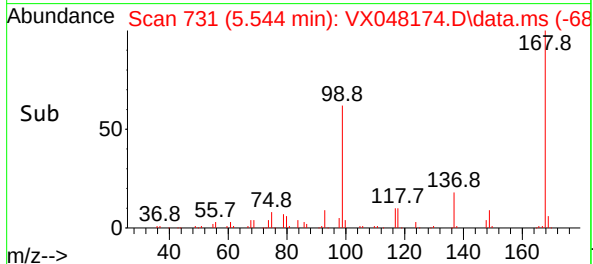
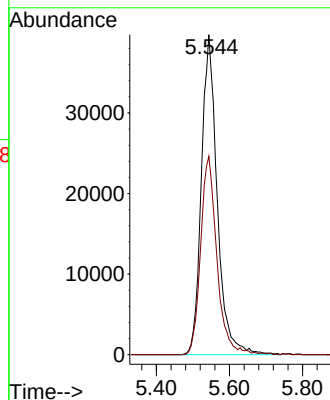
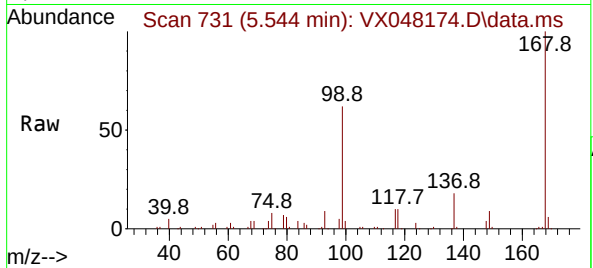




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

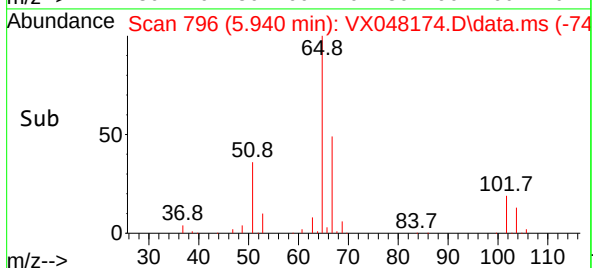
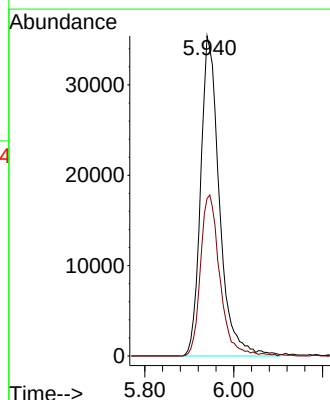
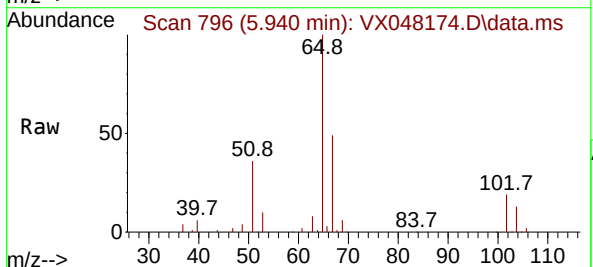
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

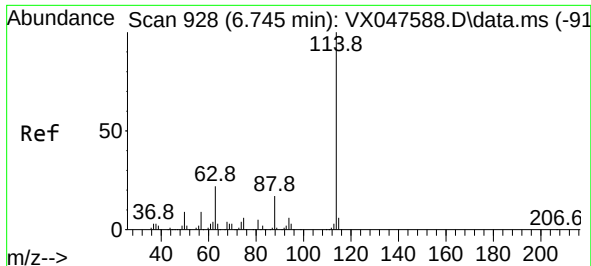
Tgt Ion:168 Resp: 119484
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.780 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion: 65 Resp: 104185
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

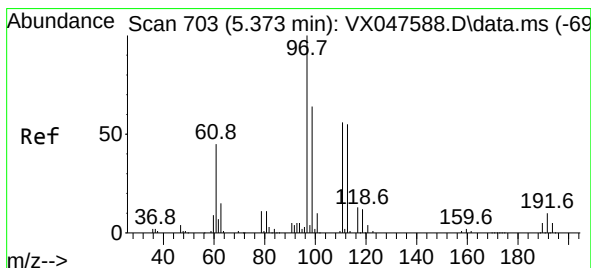
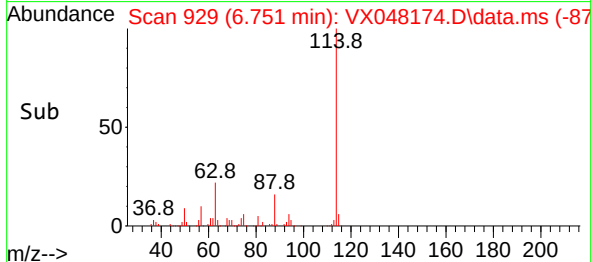
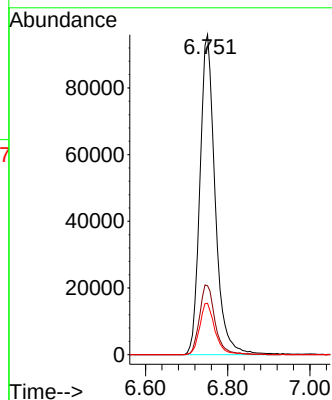
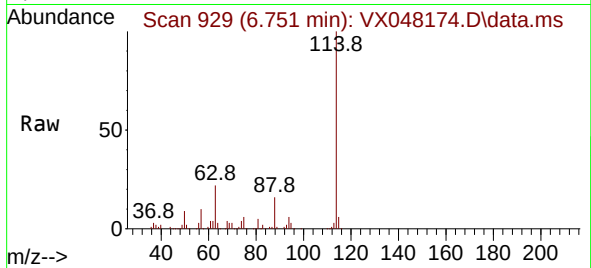




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

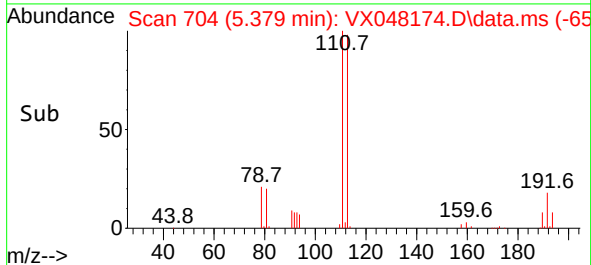
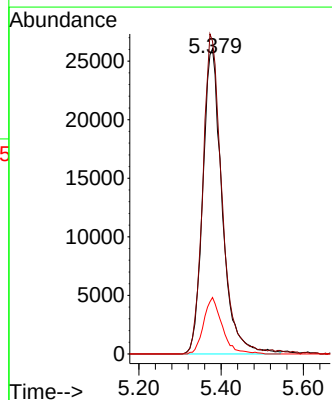
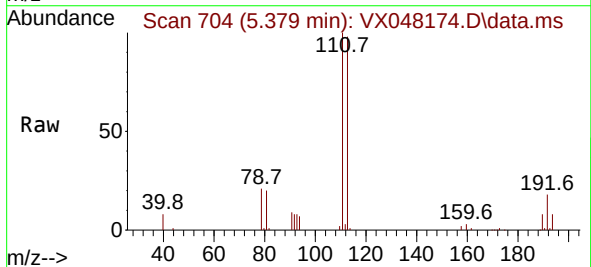
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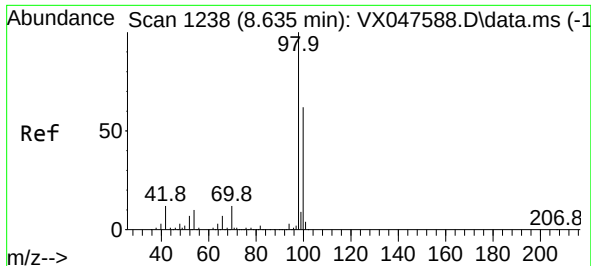
Tgt Ion:114 Resp: 246280
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.436 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion:113 Resp: 84957
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 17.8 14.2 21.4

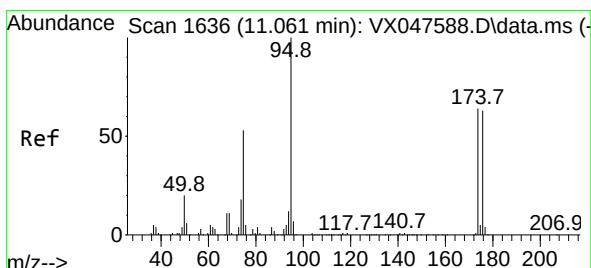
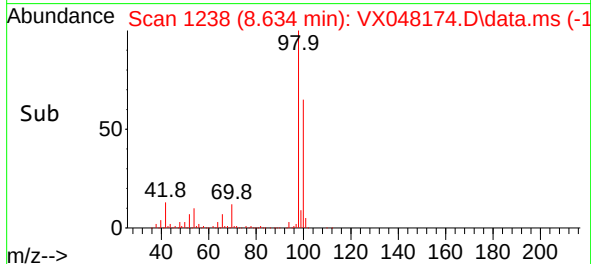
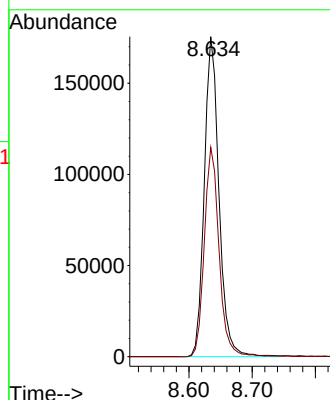
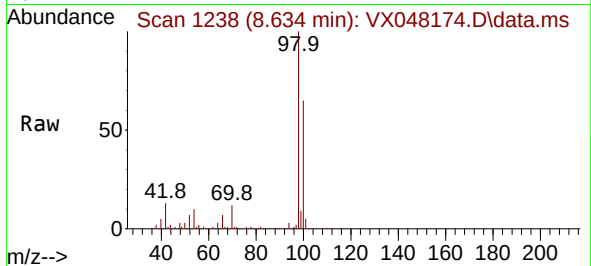




#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

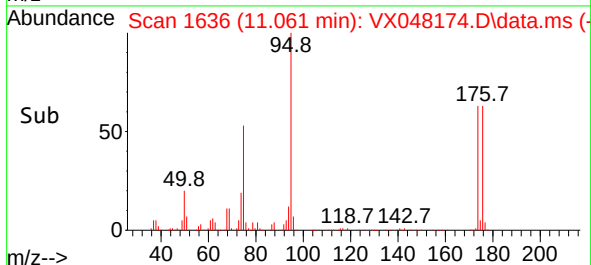
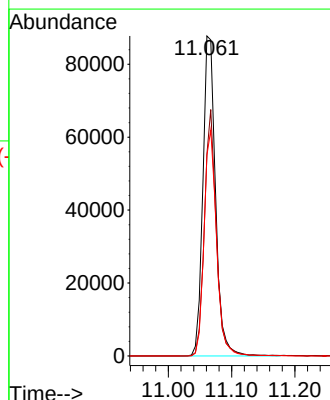
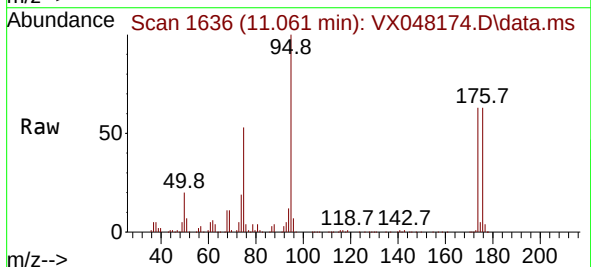
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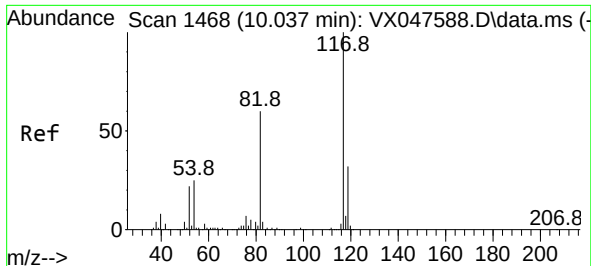
Tgt Ion: 98 Resp: 283894
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.515 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion: 95 Resp: 122581
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.4 0.0 138.4

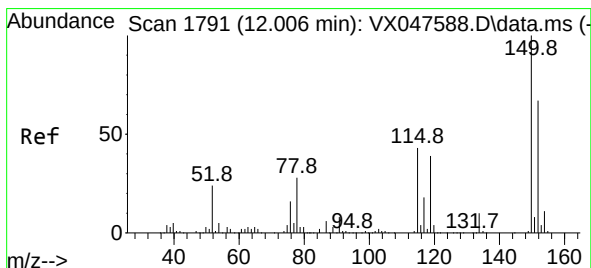
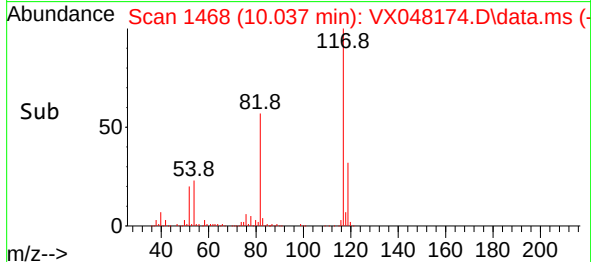
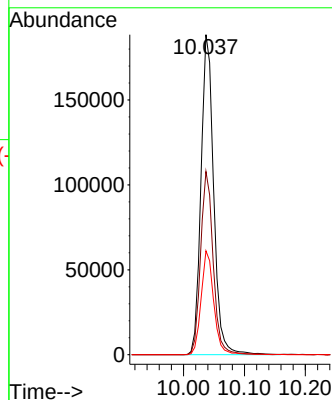
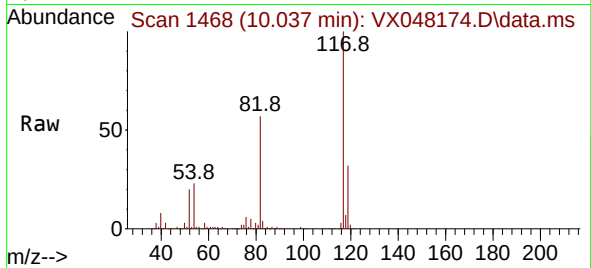




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 273767
Ion Ratio Lower Upper
117 100
82 57.3 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# 1791
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion:152 Resp: 130356
Ion Ratio Lower Upper
152 100
115 62.2 44.9 134.5
150 157.0 0.0 352.0

