

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047991.D
 Acq On : 03 Oct 2025 14:11
 Operator : JC/MD
 Sample : Q3202-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

Quant Time: Oct 03 23:48:11 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	5.543	168	129645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	264813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	277682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113474	54.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.980%
35) Dibromofluoromethane	5.379	113	89906	50.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	8.634	98	304608	49.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.067	95	135861	58.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.500%

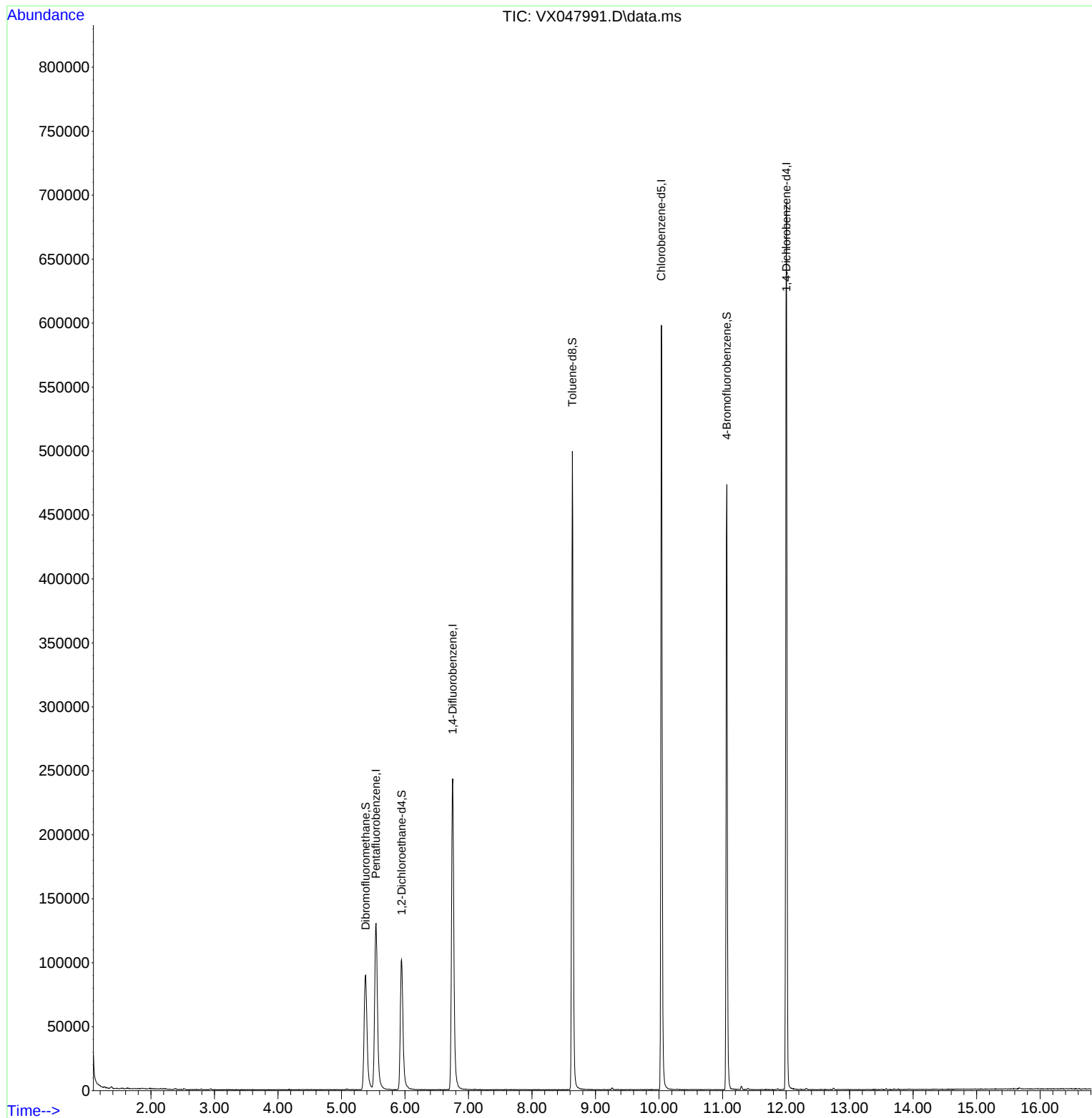
Target Compounds	Qvalue

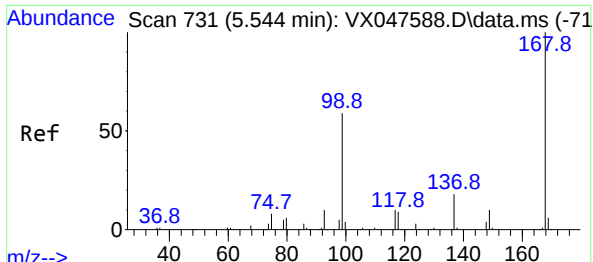
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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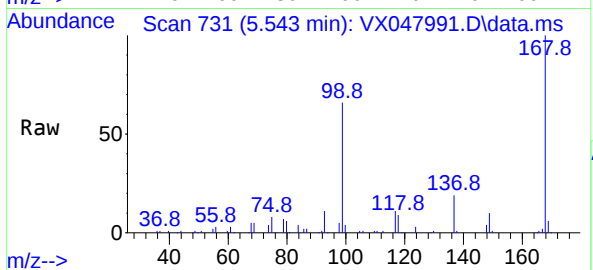
Quant Time: Oct 03 23:48:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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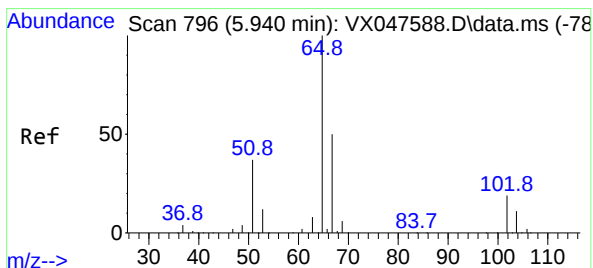
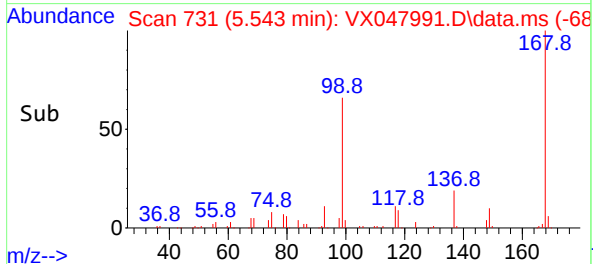
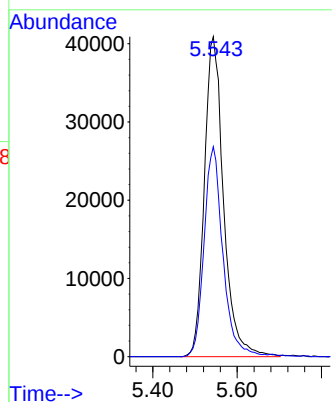


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
SY-6

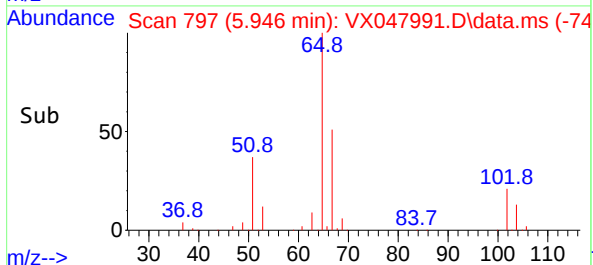
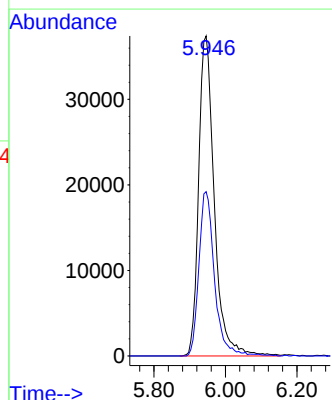
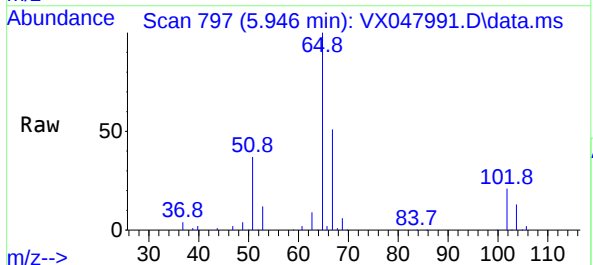


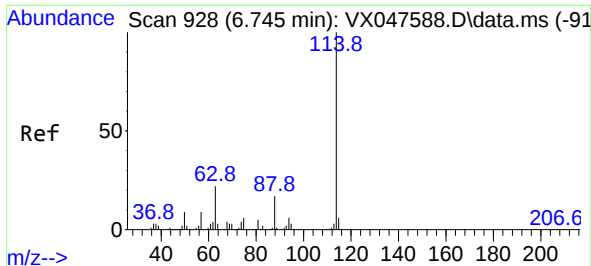
Tgt Ion:168 Resp: 129645
Ion Ratio Lower Upper
168 100
99 65.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.988 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 65 Resp: 113474
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

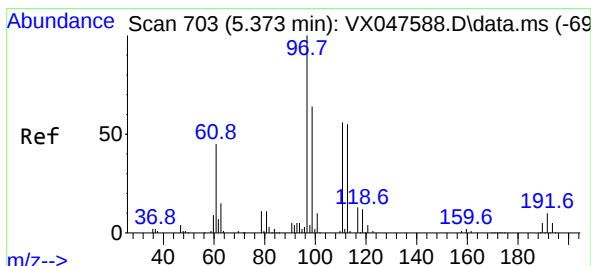
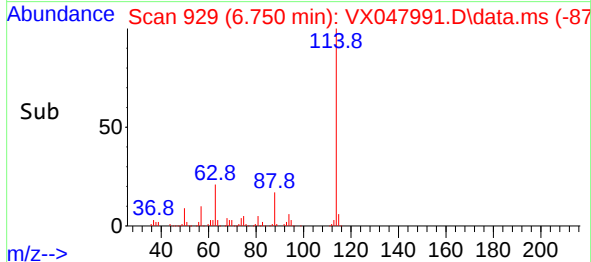
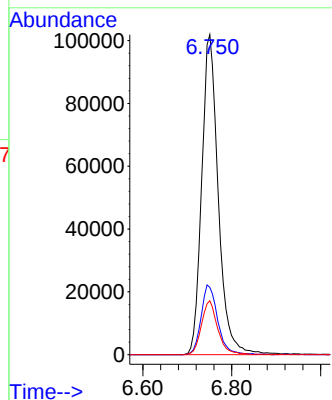
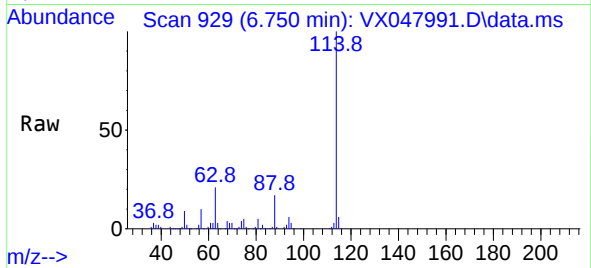




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

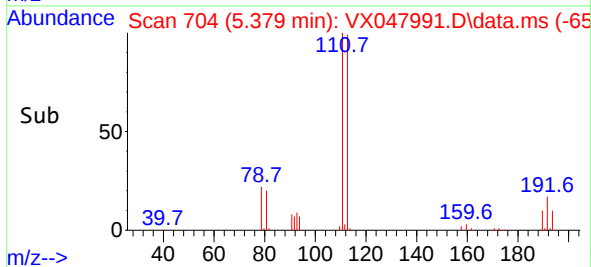
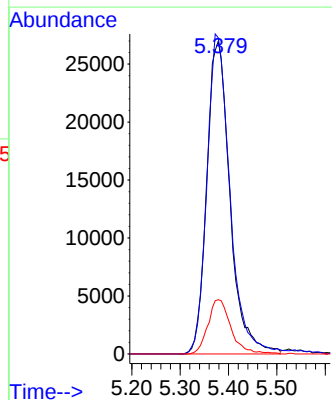
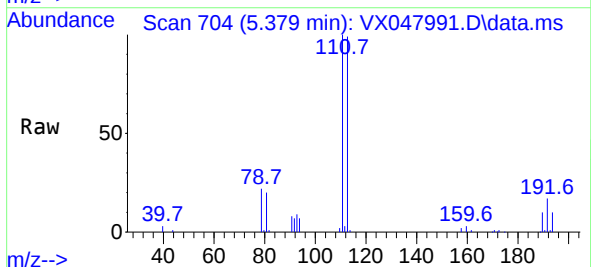
Instrument :
MSVOA_X
ClientSampleId :
SY-6

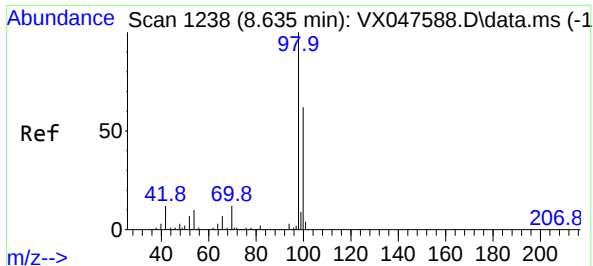
Tgt Ion:114 Resp: 264813
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.623 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion:113 Resp: 89906
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.3 14.2 21.4

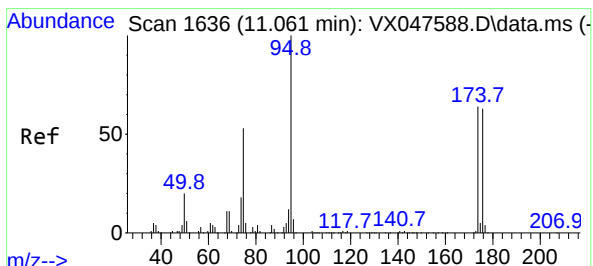
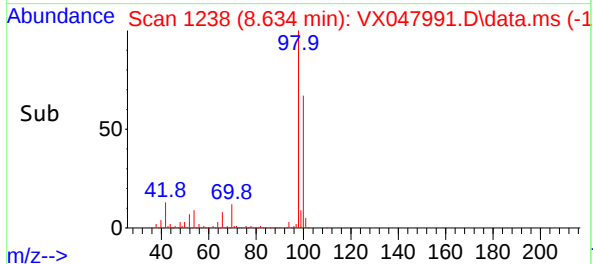
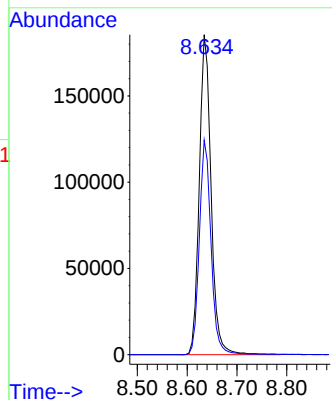
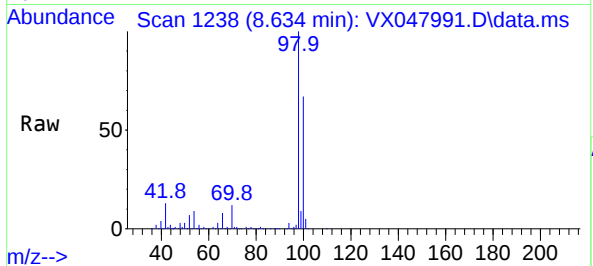




#50
Toluene-d8
Concen: 49.568 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

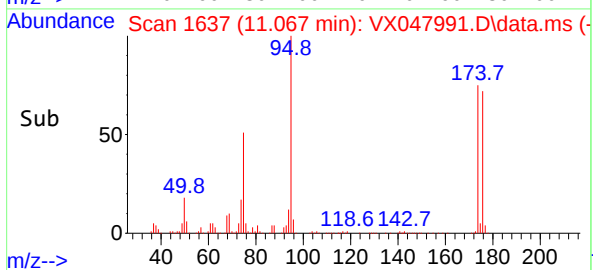
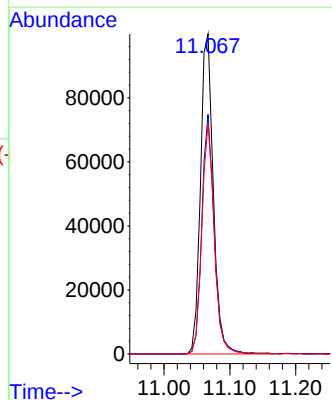
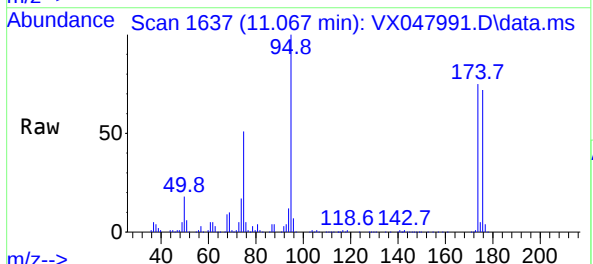
Instrument :
MSVOA_X
ClientSampleId :
SY-6

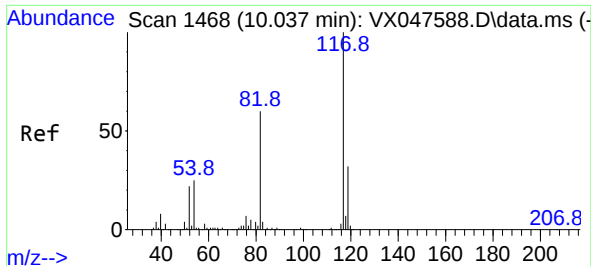
Tgt Ion: 98 Resp: 304608
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.254 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 95 Resp: 135861
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.5 0.0 138.4

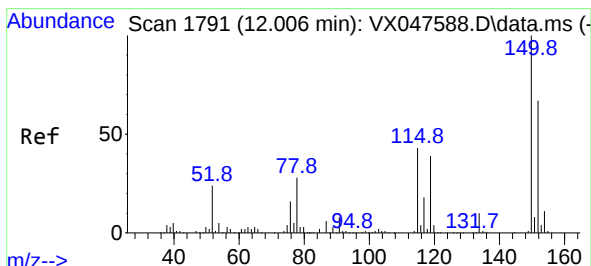
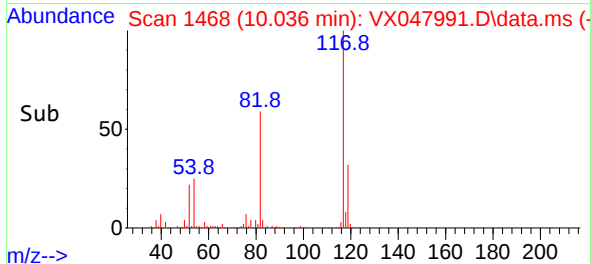
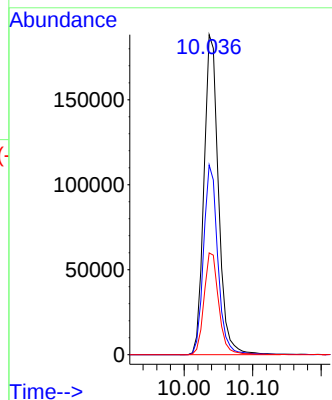
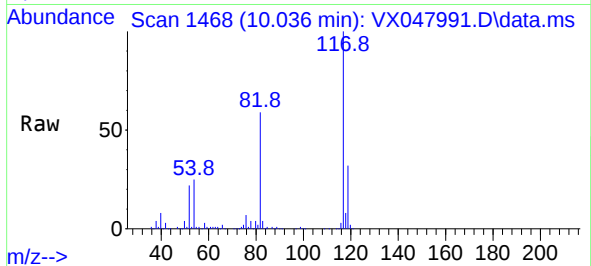




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
SY-6

Tgt Ion:117 Resp: 277682
Ion Ratio Lower Upper
117 100
82 59.3 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# 1791
Delta R.T. -0.000 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion:152 Resp: 147037
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 156.7 0.0 352.0

