

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048620.D
 Acq On : 17 Nov 2025 14:13
 Operator : JC/MD
 Sample : Q3640-03
 Misc : 2.68g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0182

Quant Time: Nov 17 14:31:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.531	168	120479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	245578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	108522	64.643	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	129.280%#
35) Dibromofluoromethane	5.373	113	86950	46.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.634	98	338453	58.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	116.760%#
62) 4-Bromofluorobenzene	11.067	95	140659	65.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.220%#

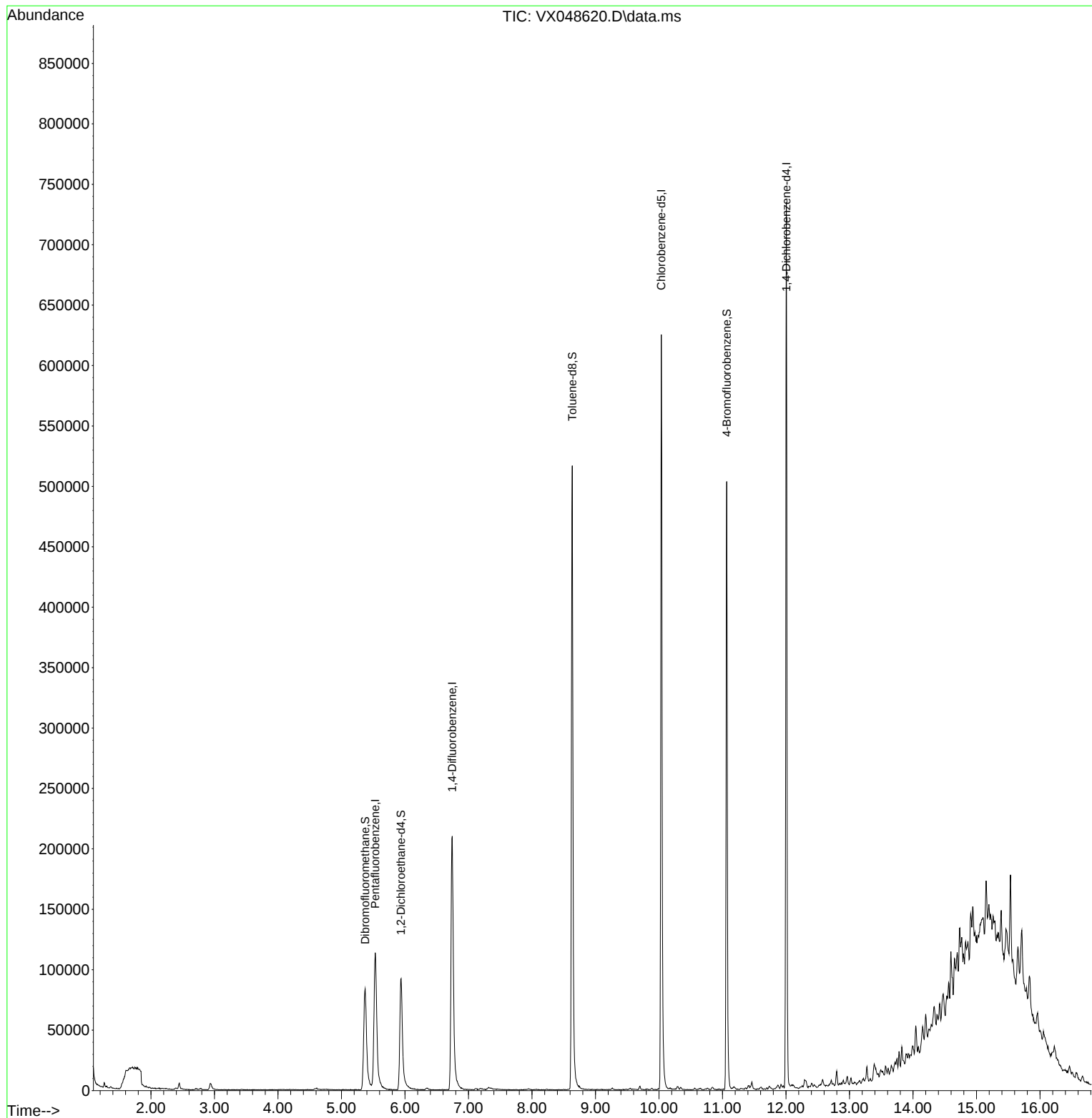
Target Compounds	Qvalue

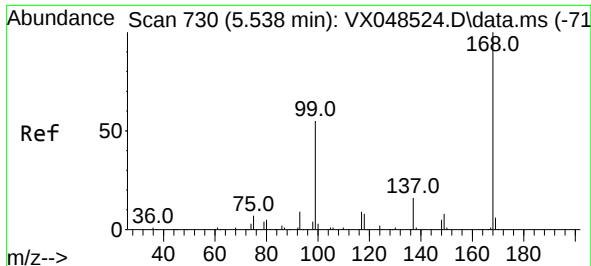
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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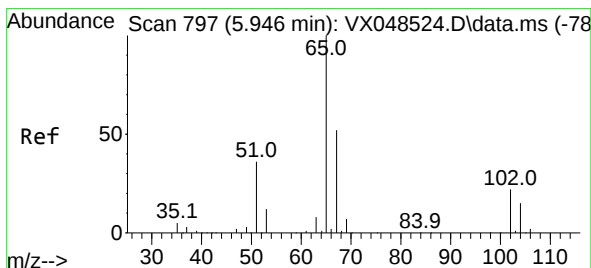
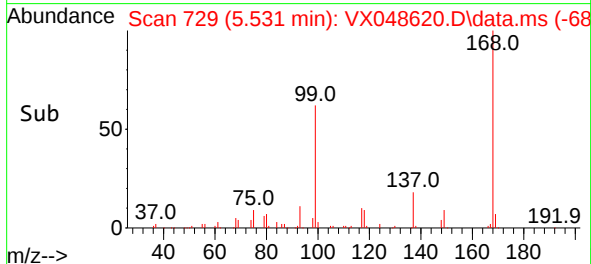
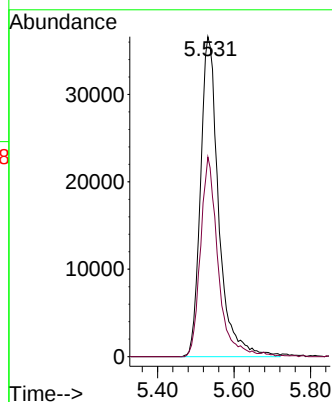
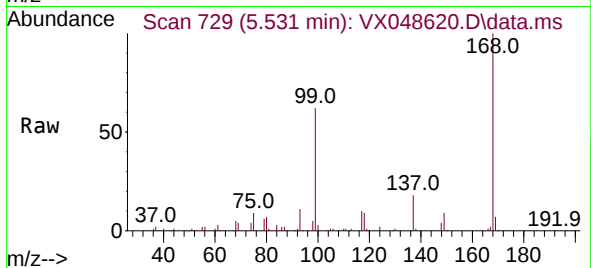




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048620.D
Acq: 17 Nov 2025 14:13

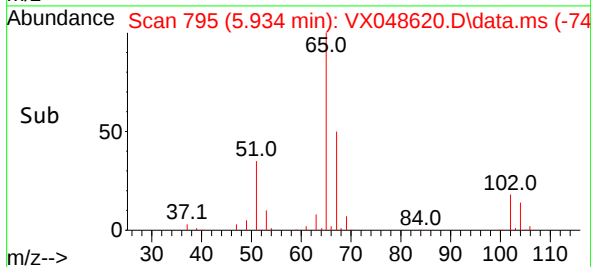
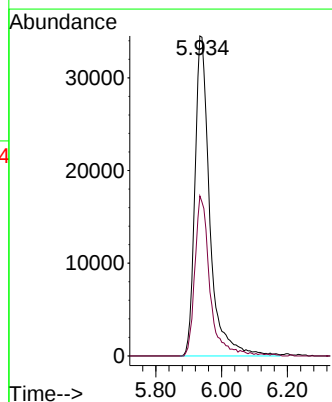
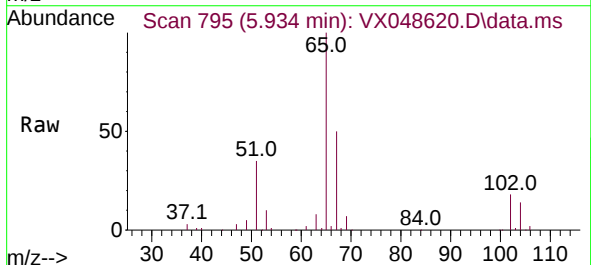
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0182

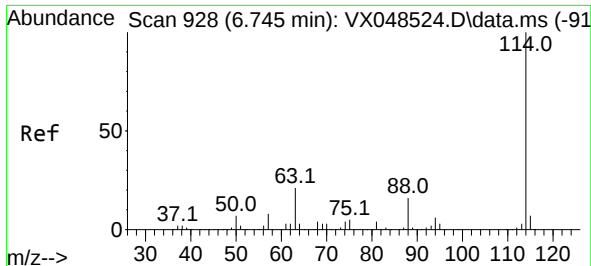
Tgt Ion:168 Resp: 120479
Ion Ratio Lower Upper
168 100
99 62.4 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 64.643 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048620.D
Acq: 17 Nov 2025 14:13

Tgt Ion: 65 Resp: 108522
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

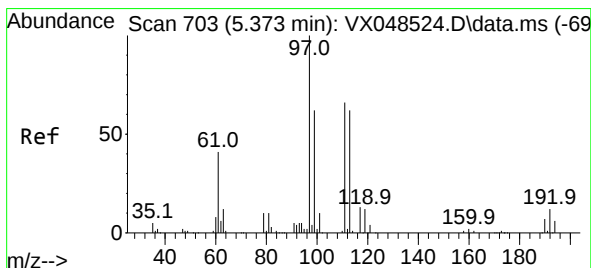
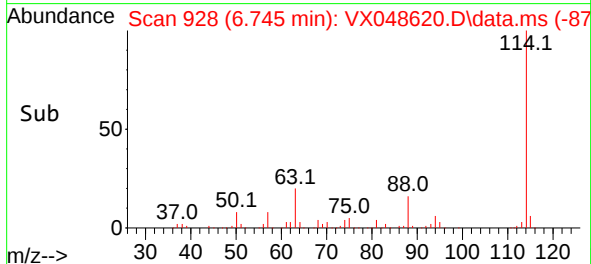
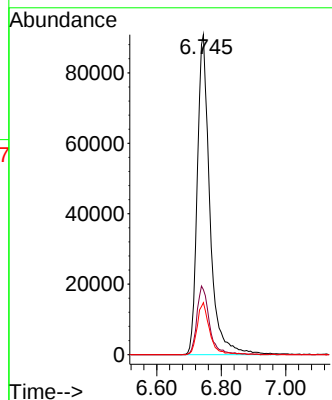
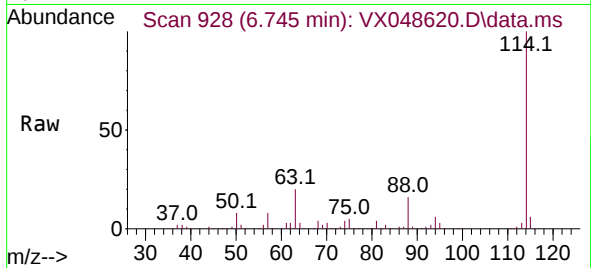




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048620.D
 Acq: 17 Nov 2025 14:13

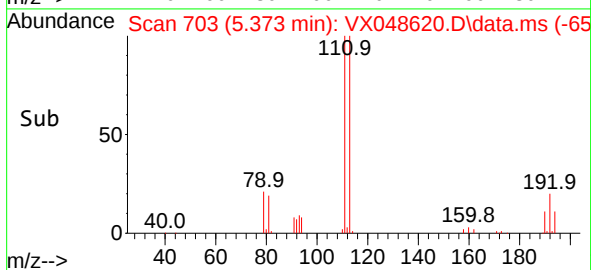
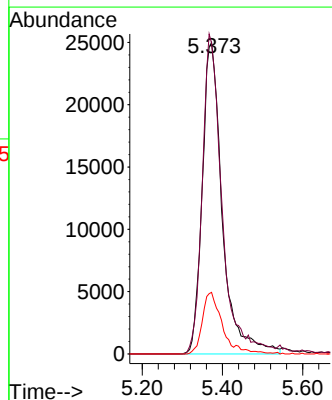
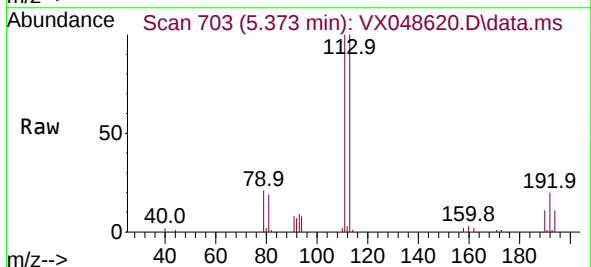
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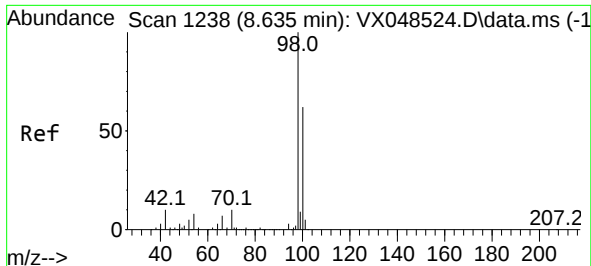
Tgt Ion:114 Resp: 245578
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 16.2 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 46.780 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: VX048620.D
 Acq: 17 Nov 2025 14:13

Tgt Ion:113 Resp: 86950
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 19.6 15.8 23.6

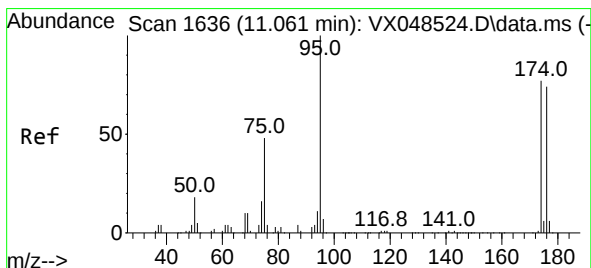
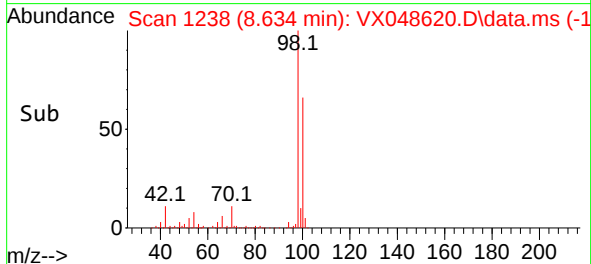
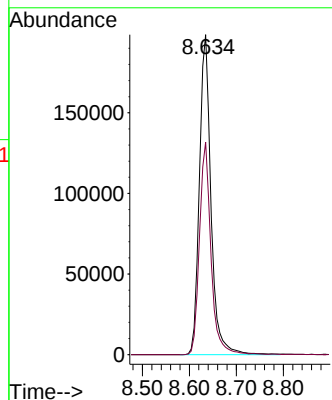
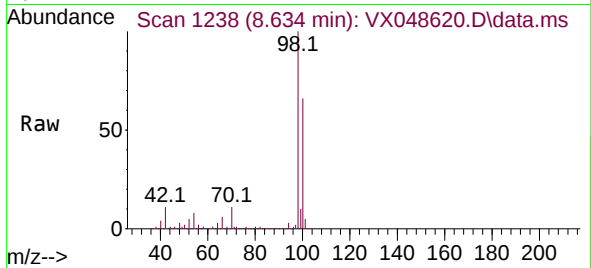




#50
Toluene-d8
Concen: 58.385 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048620.D
Acq: 17 Nov 2025 14:13

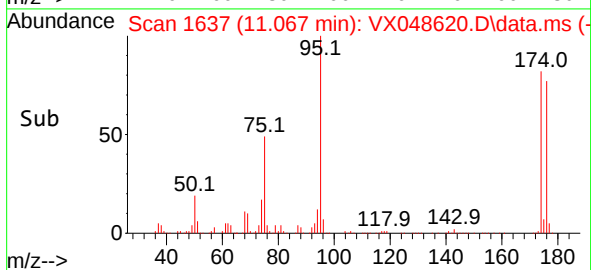
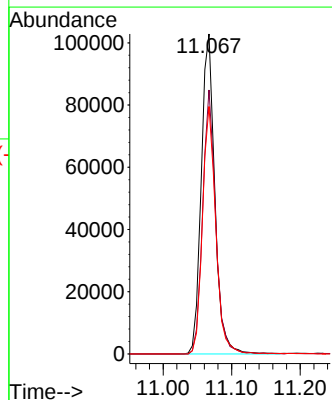
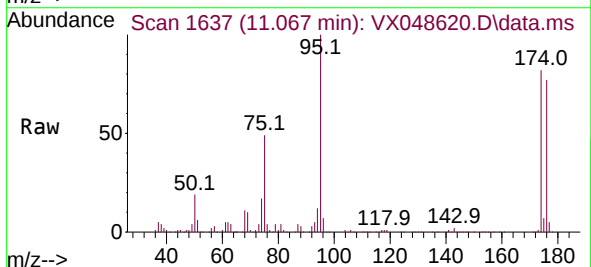
Instrument :
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LAW-25-0182

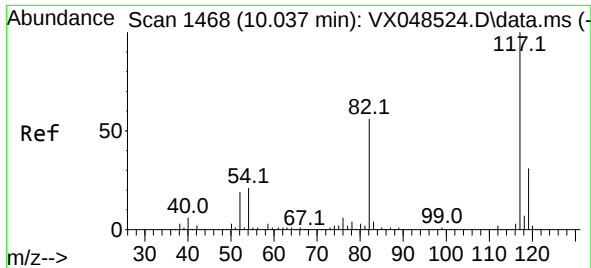
Tgt Ion: 98 Resp: 338453
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 65.110 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048620.D
Acq: 17 Nov 2025 14:13

Tgt Ion: 95 Resp: 140659
Ion Ratio Lower Upper
95 100
174 79.0 0.0 161.8
176 75.6 0.0 153.6

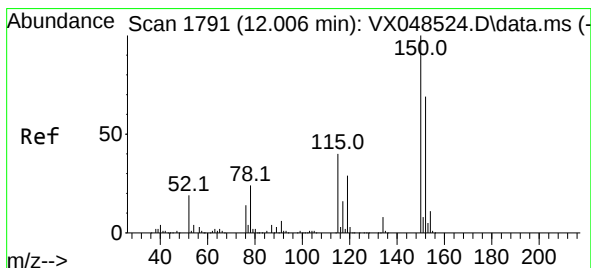
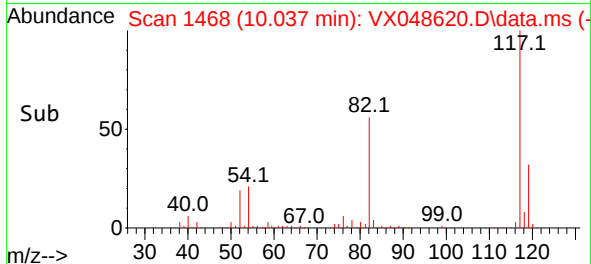
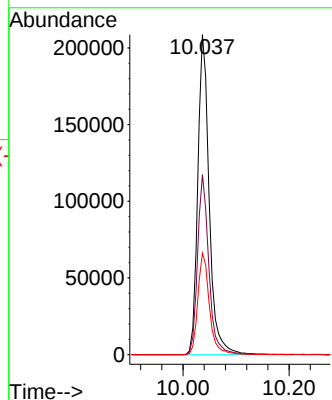
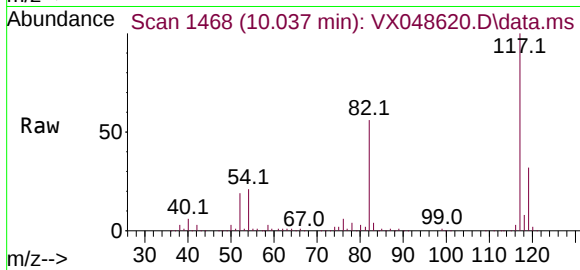




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048620.D
Acq: 17 Nov 2025 14:13

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0182

Tgt Ion:117 Resp: 311532
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048620.D
Acq: 17 Nov 2025 14:13

Tgt Ion:152 Resp: 151511
Ion Ratio Lower Upper
152 100
115 58.5 39.2 117.6
150 158.4 0.0 347.0

