

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111425\
 Data File : VX048603.D
 Acq On : 14 Nov 2025 11:19
 Operator : JC/MD
 Sample : VX1114MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL01

Quant Time: Nov 14 22:18:21 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	5.532	168	115819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	230644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	98612	61.104	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	122.200%#
35) Dibromofluoromethane	5.367	113	82524	47.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.629	98	359796	66.085	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	132.180%#
62) 4-Bromofluorobenzene	11.061	95	121001	59.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.280%

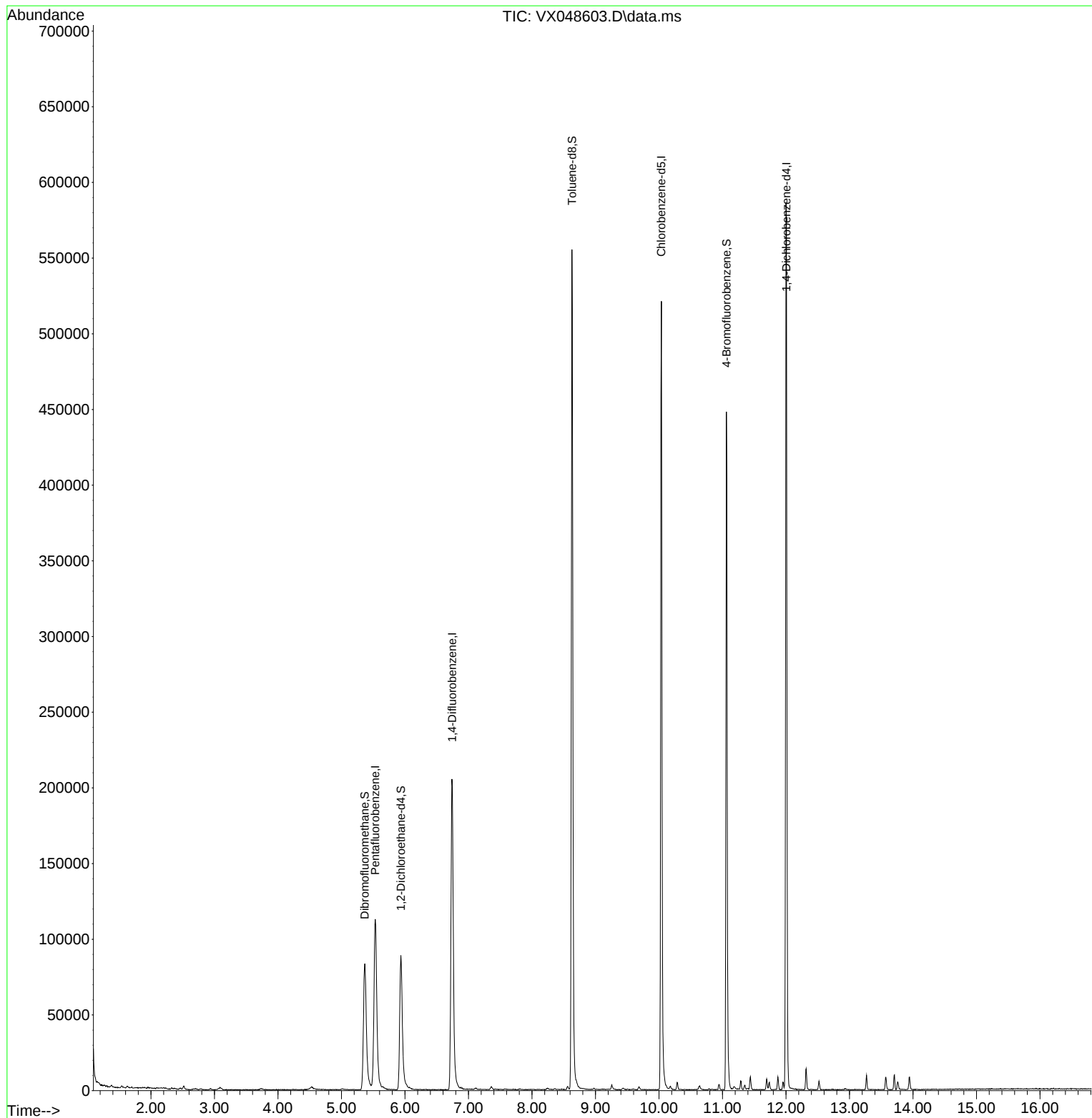
Target Compounds	Qvalue

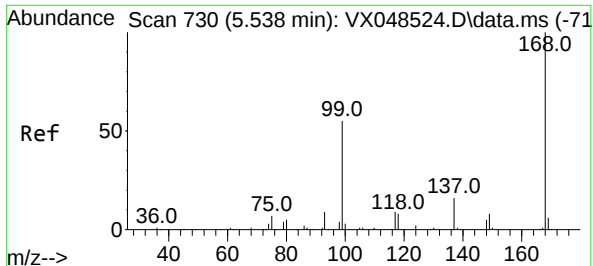
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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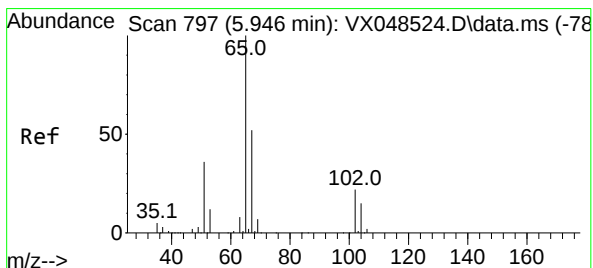
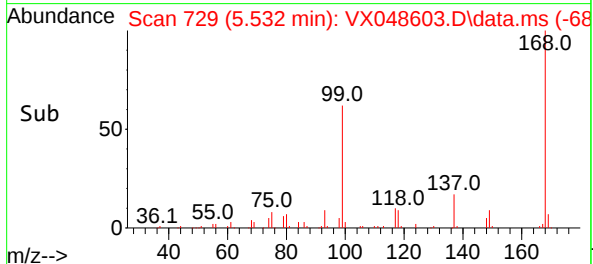
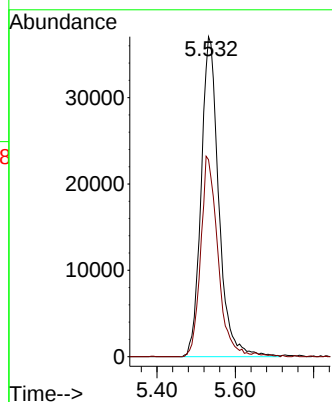
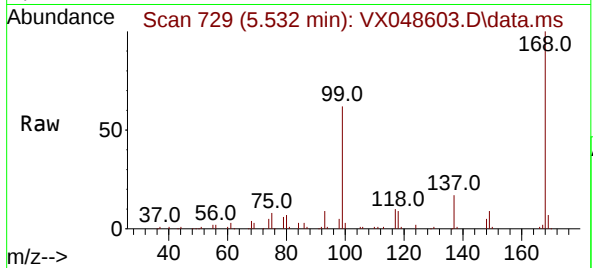




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

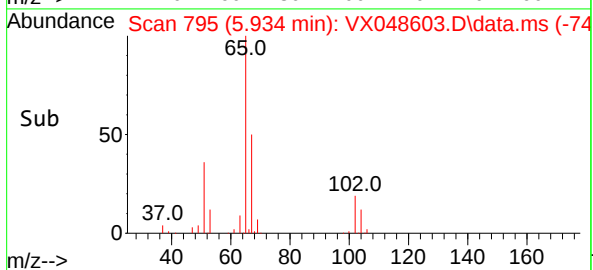
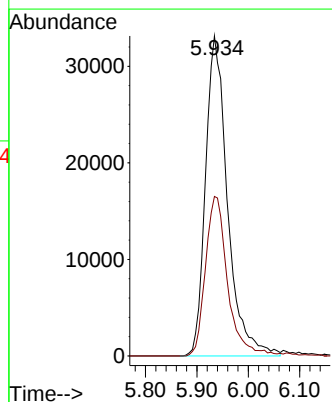
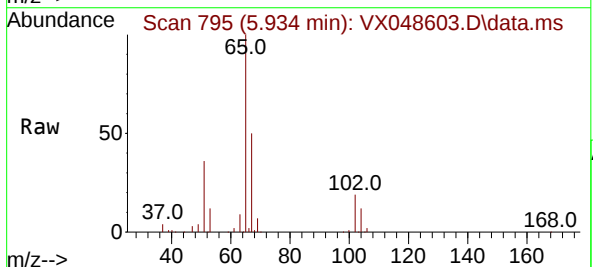
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

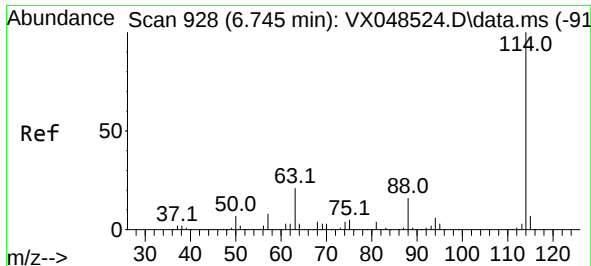
Tgt Ion:168 Resp: 115819
Ion Ratio Lower Upper
168 100
99 61.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 61.104 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

Tgt Ion: 65 Resp: 98612
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.2

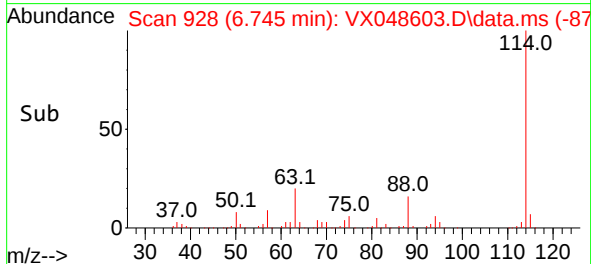
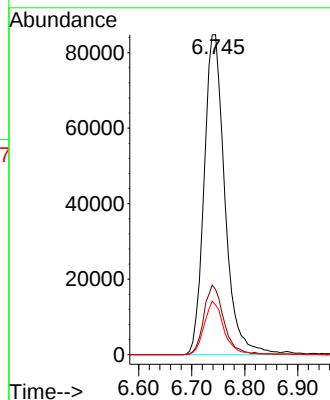
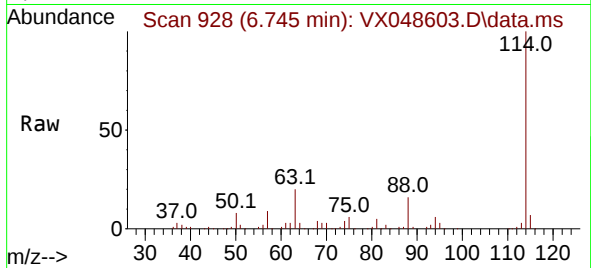




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

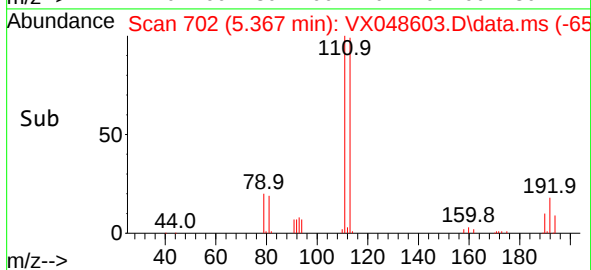
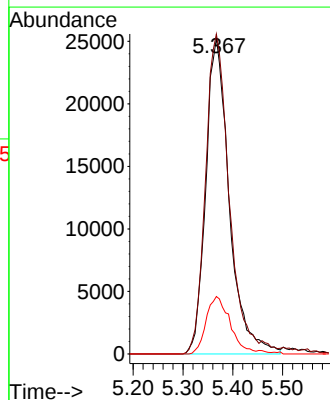
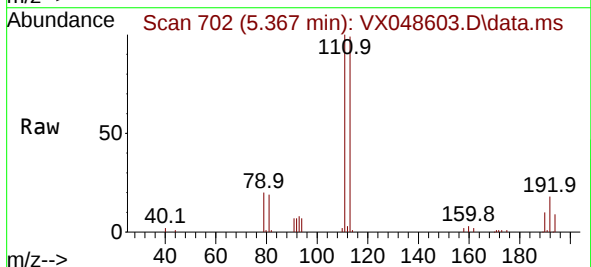
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

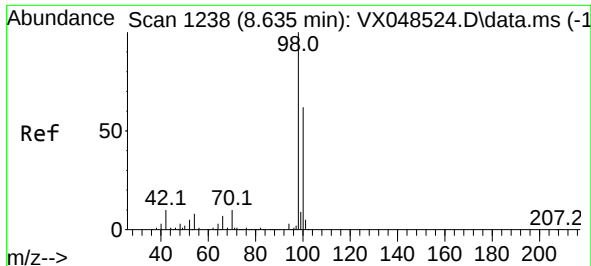
Tgt Ion:114 Resp: 230644
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.274 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

Tgt Ion:113 Resp: 82524
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.5 15.8 23.6

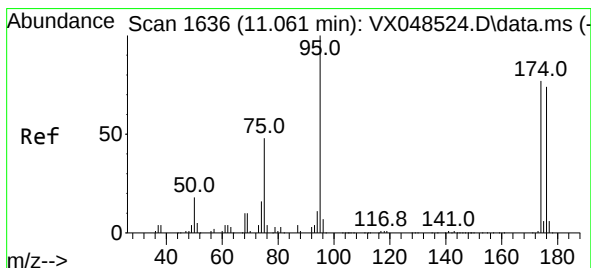
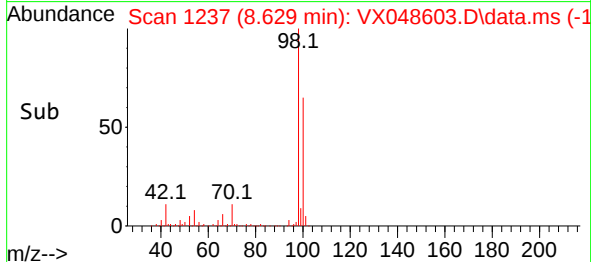
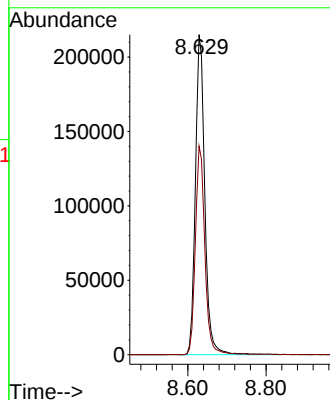
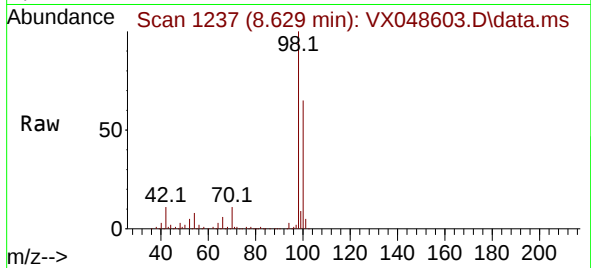




#50
Toluene-d8
Concen: 66.085 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

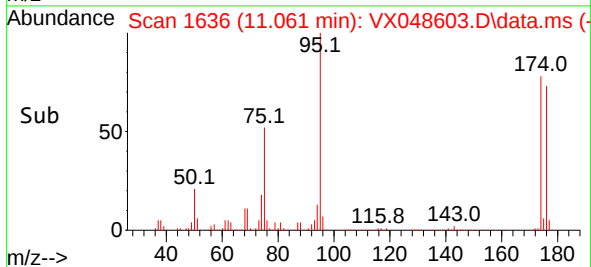
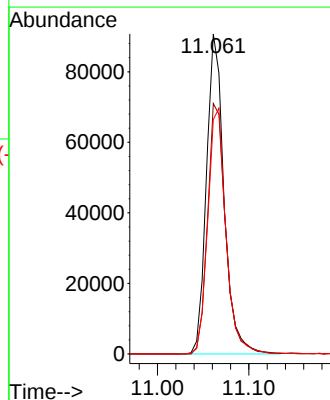
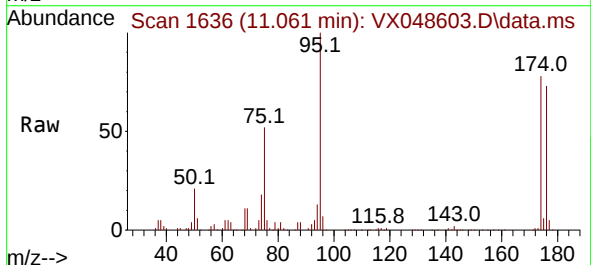
Instrument :
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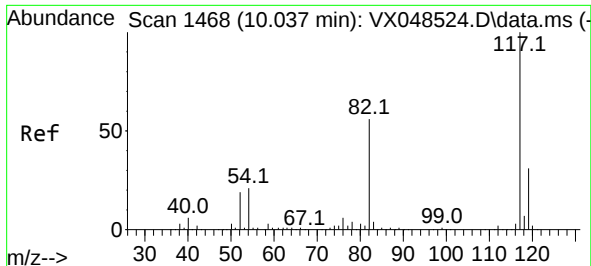
Tgt Ion: 98 Resp: 359796
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 59.637 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

Tgt Ion: 95 Resp: 121001
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.8
176 79.4 0.0 153.6

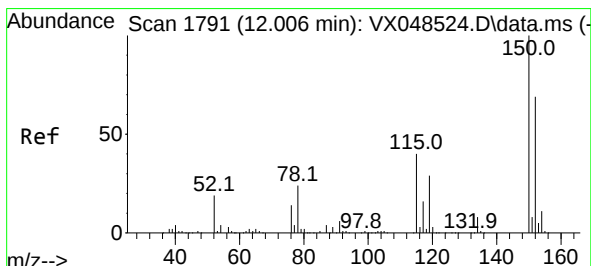
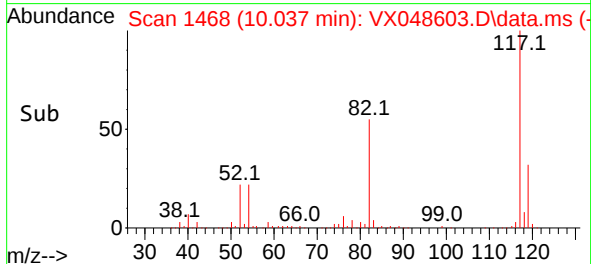
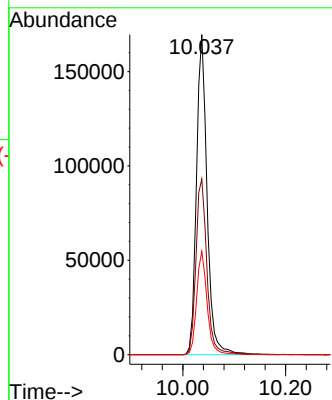
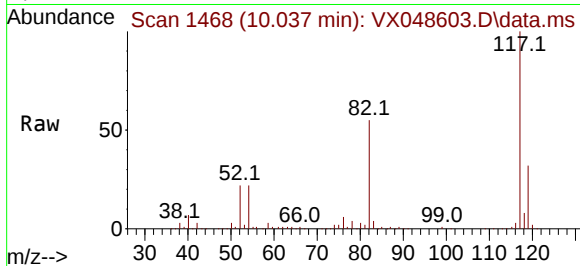




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048603.D
Acq: 14 Nov 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

Tgt Ion:117 Resp: 244089
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 32.3 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: VX048603.D
Acq: 14 Nov 2025 11:19

Tgt Ion:152 Resp: 129077
Ion Ratio Lower Upper
152 100
115 59.2 39.2 117.6
150 155.9 0.0 347.0

