

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048743.D
 Acq On : 08 Dec 2025 09:49
 Operator : JC/MD
 Sample : VX1208MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208MBL01

Quant Time: Dec 09 04:05:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	127655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	262848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	106555	62.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.380%#
35) Dibromofluoromethane	5.361	113	94293	52.101	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.200%
50) Toluene-d8	8.629	98	323464	50.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.980%
62) 4-Bromofluorobenzene	11.061	95	142227	65.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.040%#

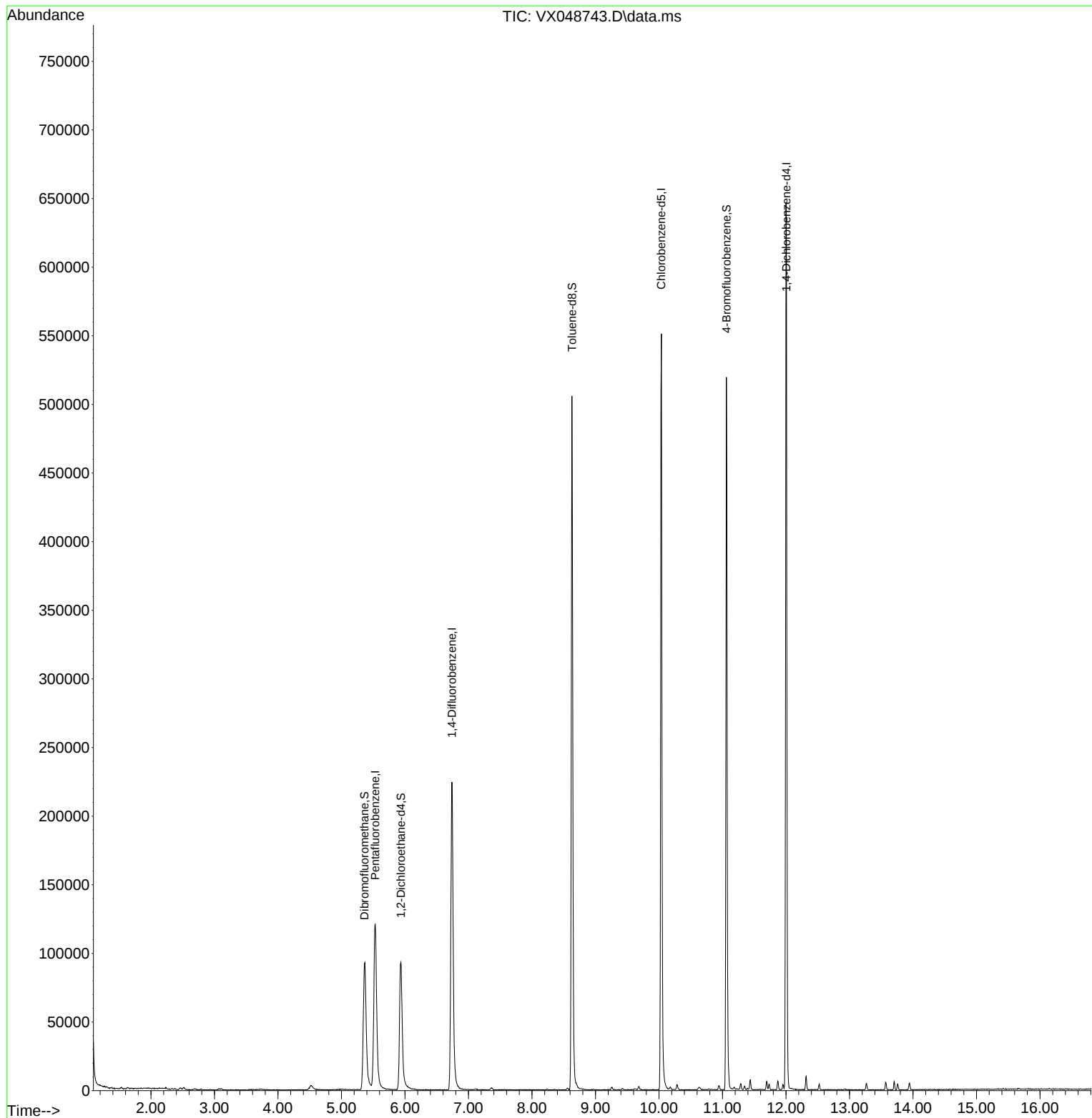
Target Compounds	Qvalue

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

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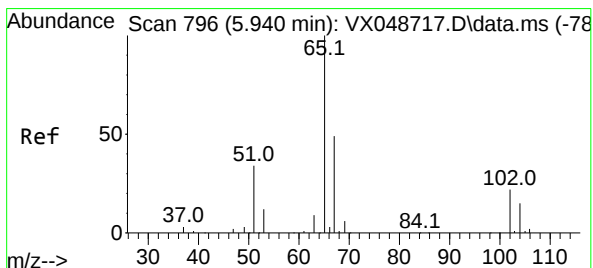
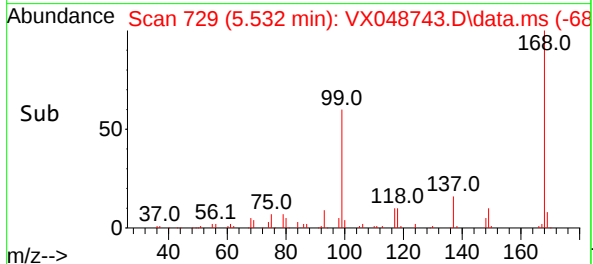
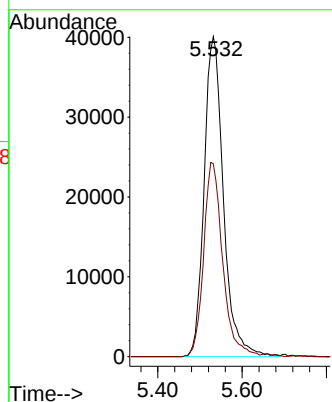
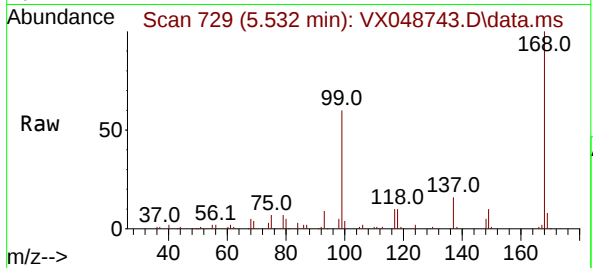




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

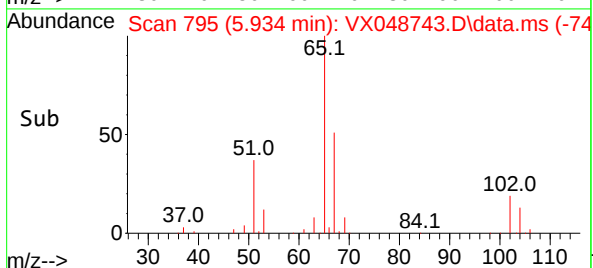
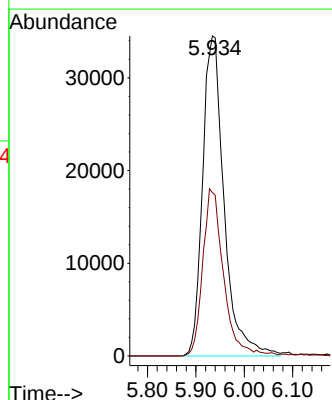
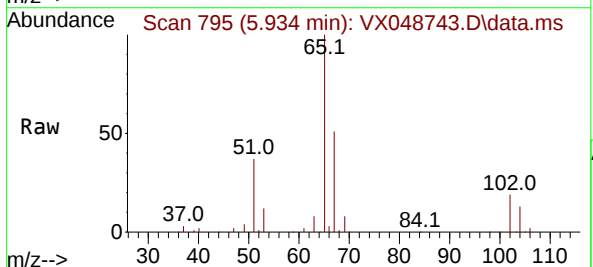
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

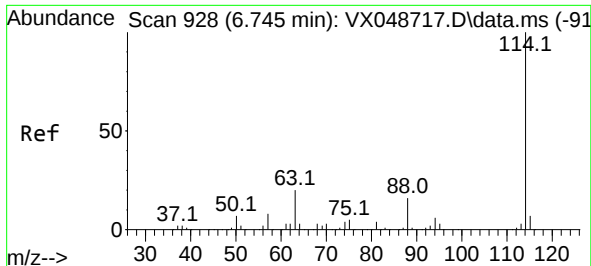
Tgt Ion:168 Resp: 127655
Ion Ratio Lower Upper
168 100
99 60.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 62.191 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

Tgt Ion: 65 Resp: 106555
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.4

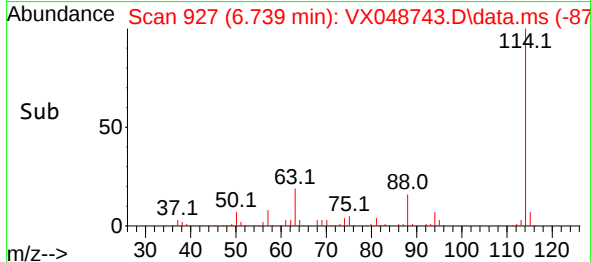
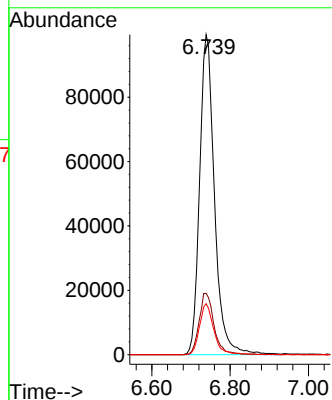
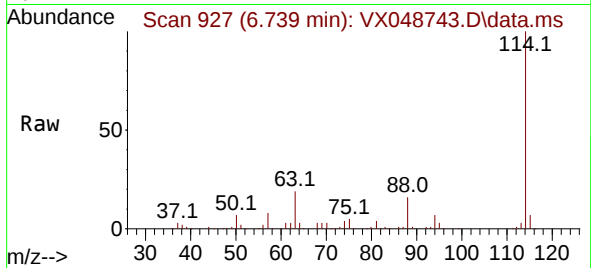




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

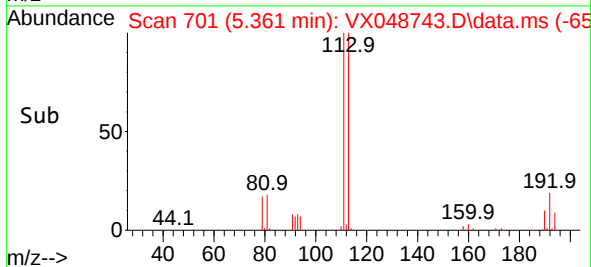
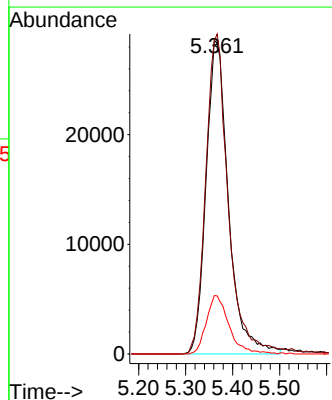
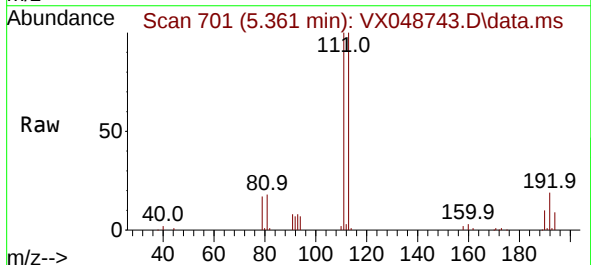
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

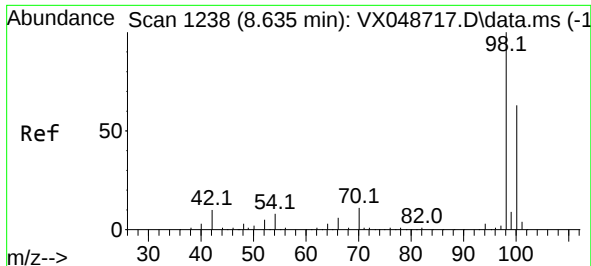
Tgt Ion:114 Resp: 262848
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.0
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.101 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

Tgt Ion:113 Resp: 94293
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 18.9 16.1 24.1

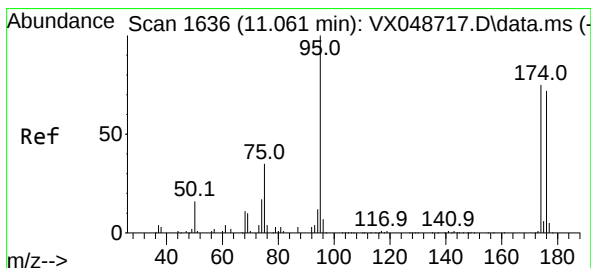
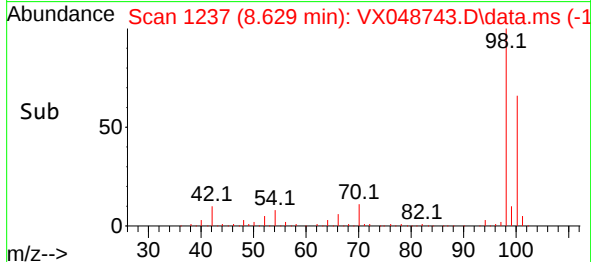
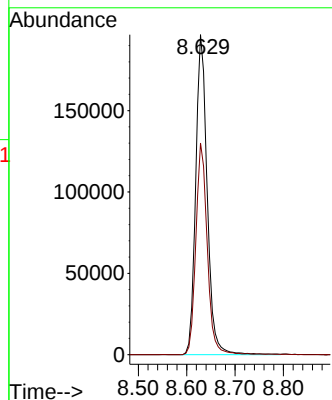
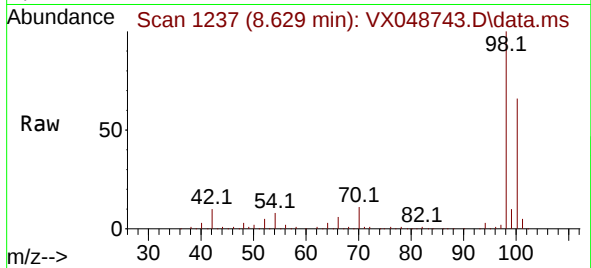




#50
Toluene-d8
Concen: 50.988 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

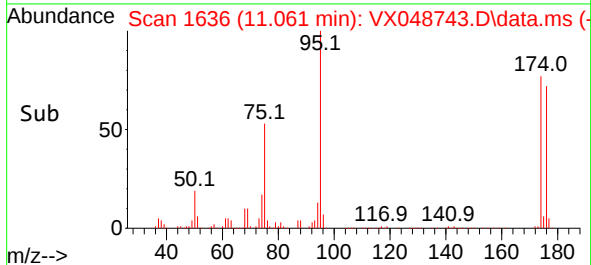
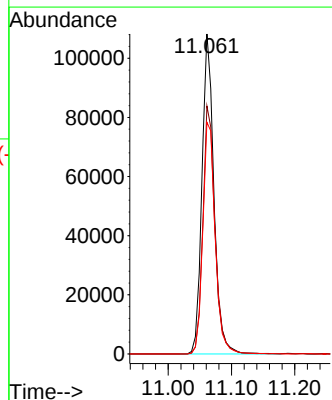
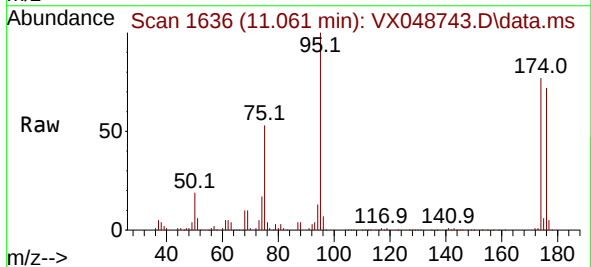
Instrument :
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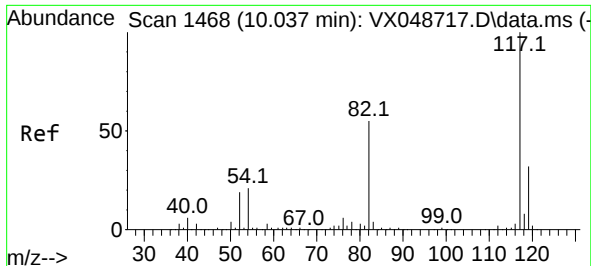
Tgt Ion: 98 Resp: 323464
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 65.015 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

Tgt Ion: 95 Resp: 142227
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.8
176 75.0 0.0 154.0

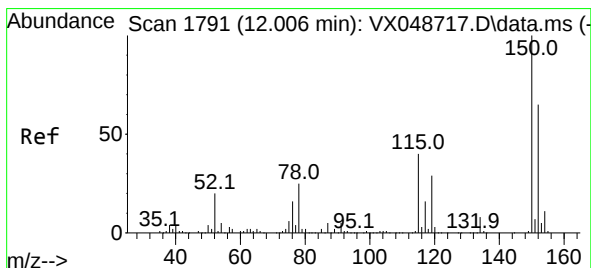
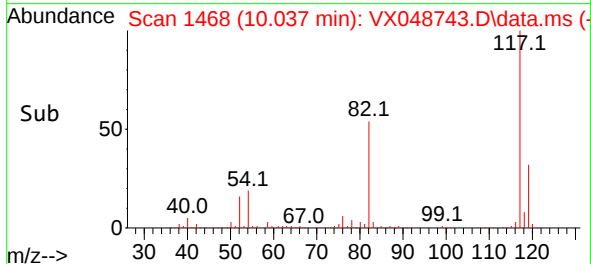
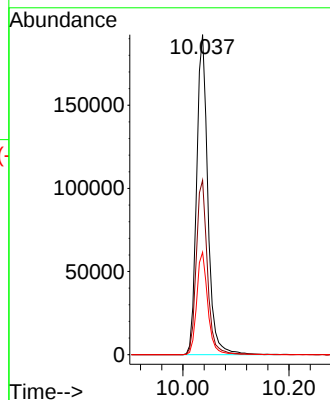
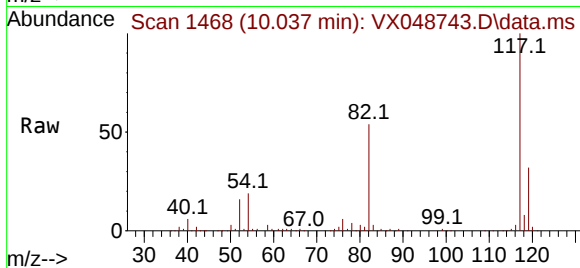




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048743.D
Acq: 08 Dec 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

Tgt Ion:117 Resp: 282266
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
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: VX048743.D
Acq: 08 Dec 2025 09:49

Tgt Ion:152 Resp: 137154
Ion Ratio Lower Upper
152 100
115 59.6 42.1 126.4
150 156.7 0.0 347.8

