

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048798.D
 Acq On : 10 Dec 2025 10:31
 Operator : JC/MD
 Sample : VX1210MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210MBL01

Quant Time: Dec 11 00:18:50 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	5.537	168	177328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	367865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	398696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	206043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	134189	56.380	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.760%
35) Dibromofluoromethane	5.379	113	117279	46.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.634	98	413658	46.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.180%
62) 4-Bromofluorobenzene	11.061	95	183765	60.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.040%

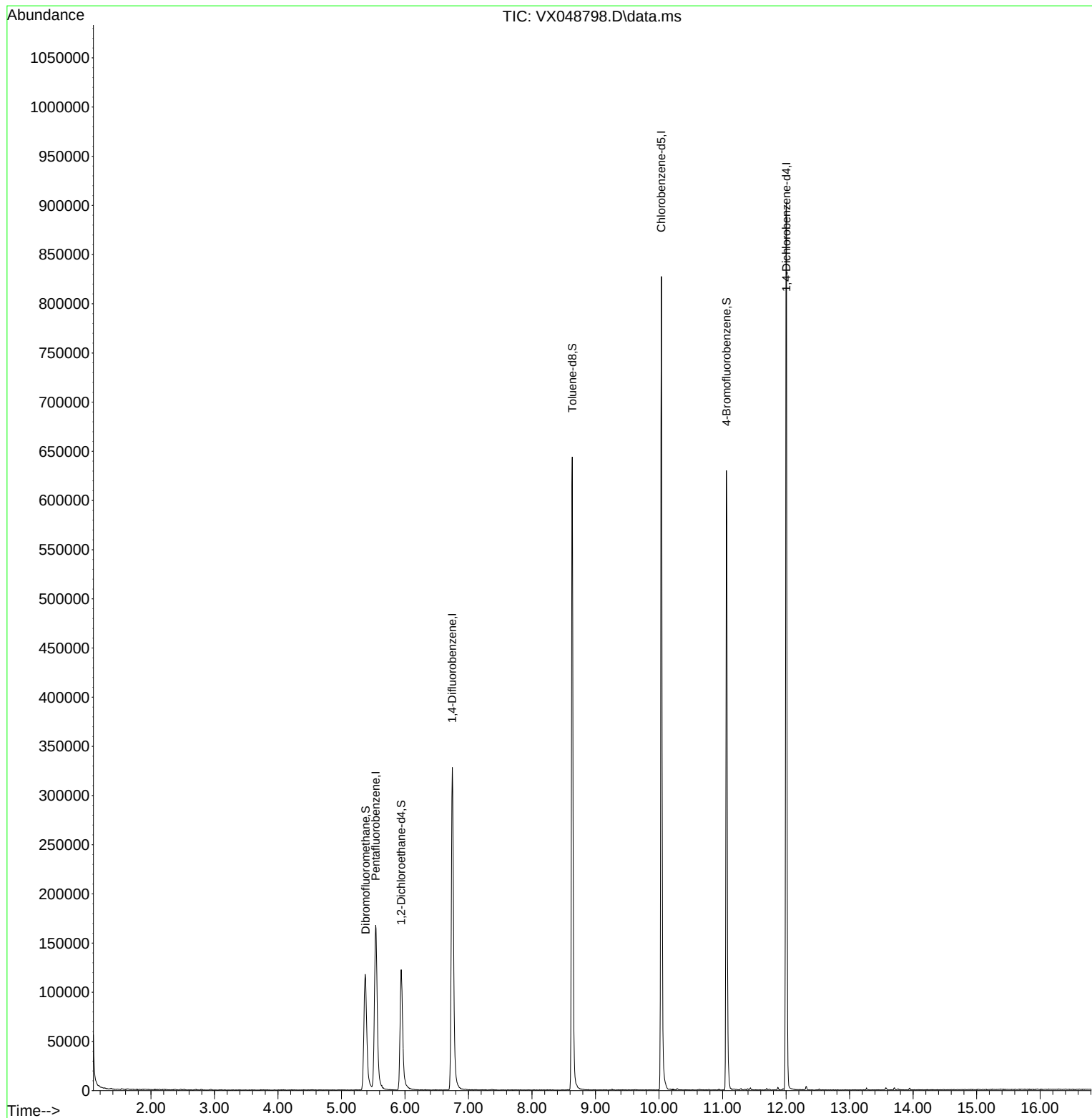
Target Compounds	Qvalue

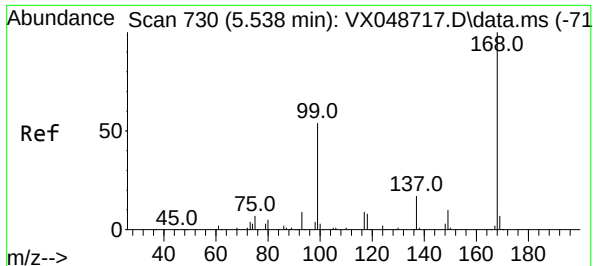
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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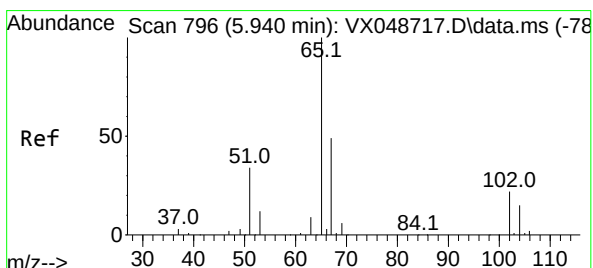
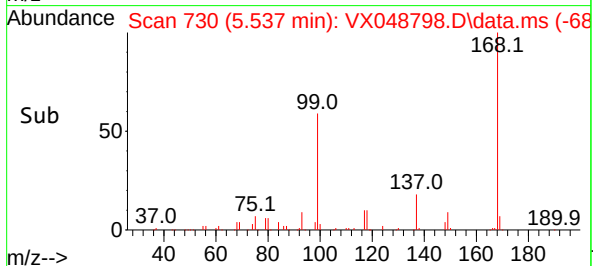
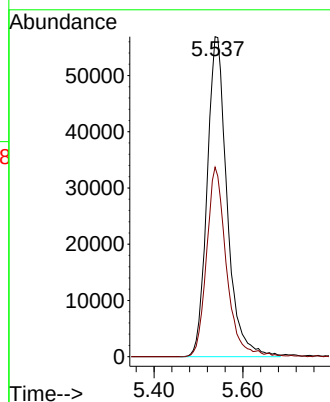
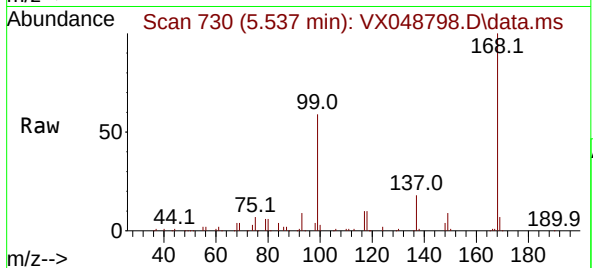




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 713
Delta R.T. -0.001 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

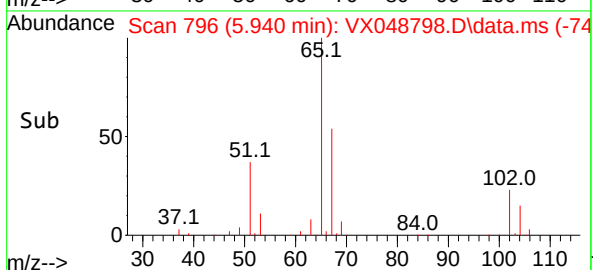
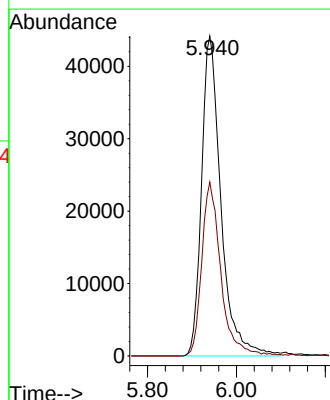
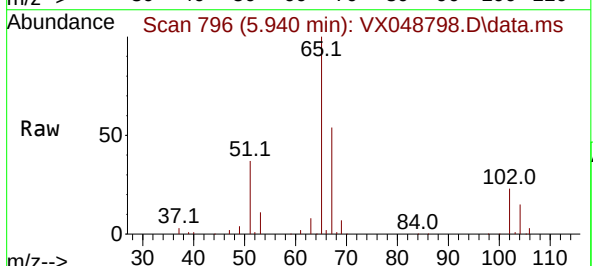
Instrument :
MSVOA_X
ClientSampleId :
VX1210MBL01

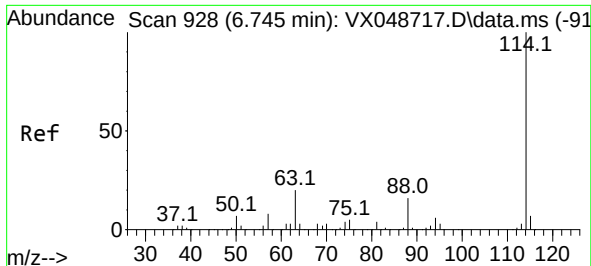
Tgt Ion:168 Resp: 177328
Ion Ratio Lower Upper
168 100
99 59.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.380 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

Tgt Ion: 65 Resp: 134189
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4

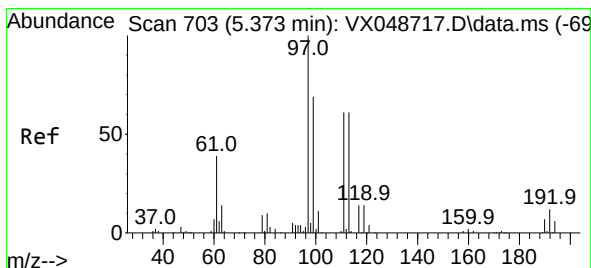
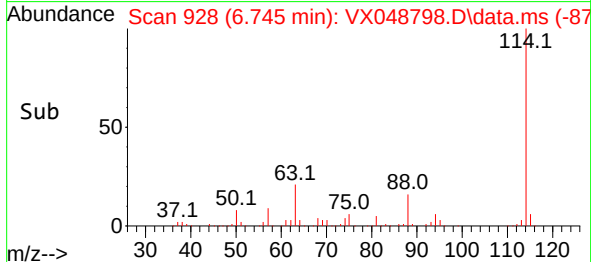
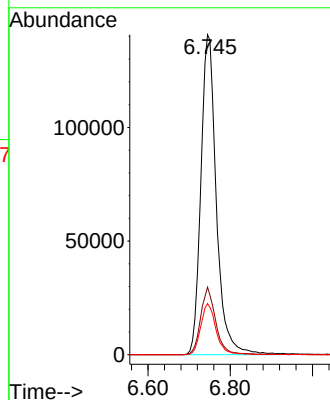
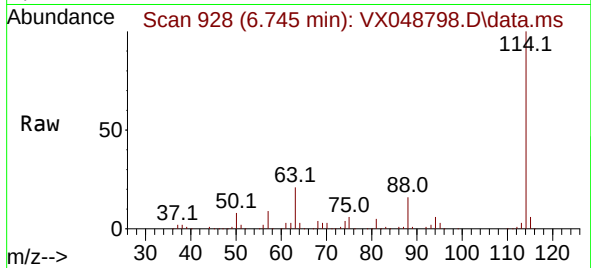




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

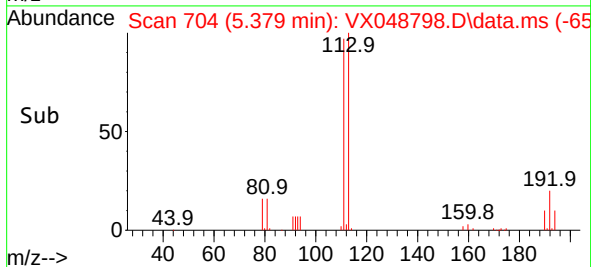
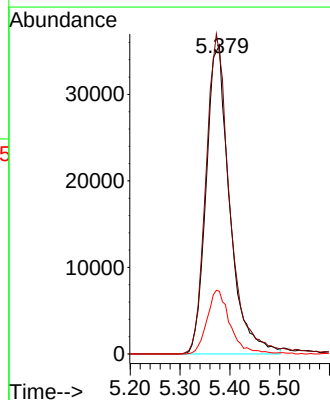
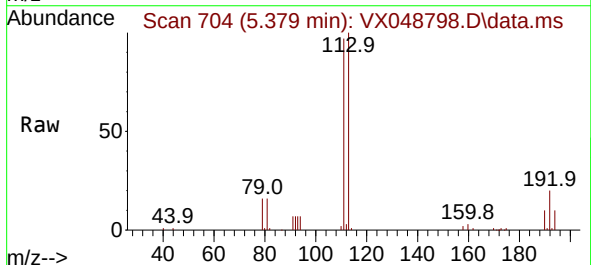
Instrument :
MSVOA_X
ClientSampleId :
VX1210MBL01

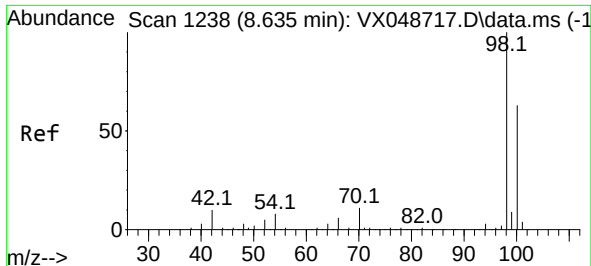
Tgt Ion:114 Resp: 367865
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.0
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.302 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

Tgt Ion:113 Resp: 117279
Ion Ratio Lower Upper
113 100
111 104.7 79.5 119.3
192 20.1 16.1 24.1

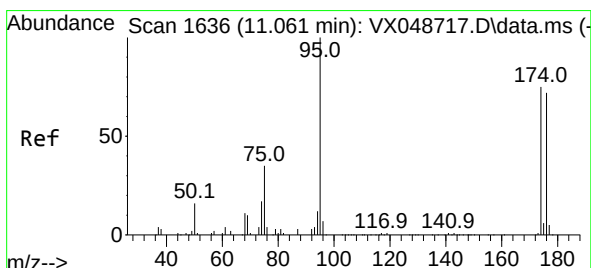
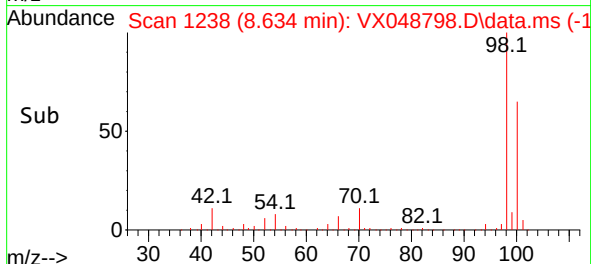
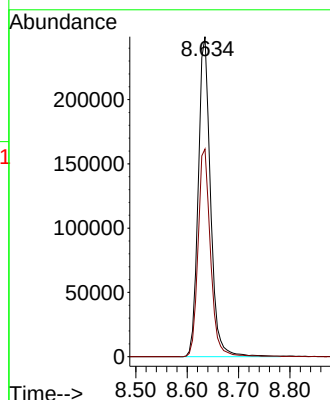
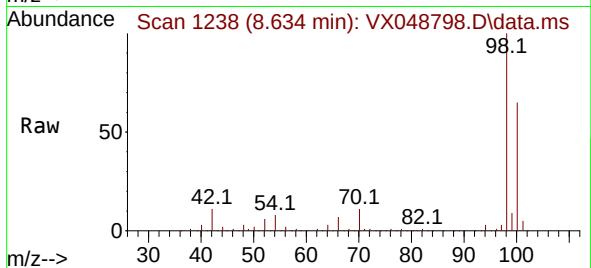




#50
Toluene-d8
Concen: 46.591 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

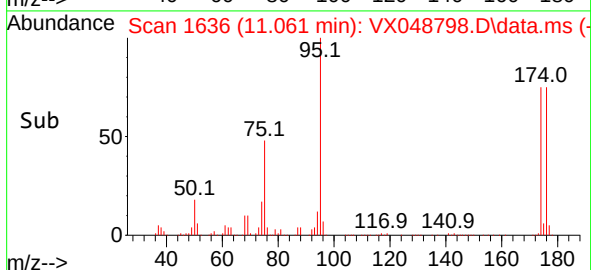
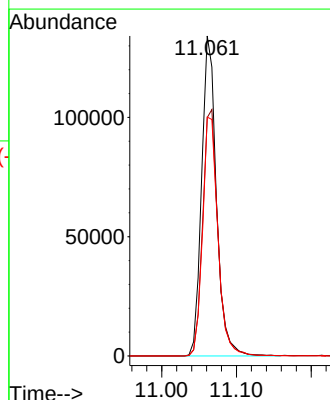
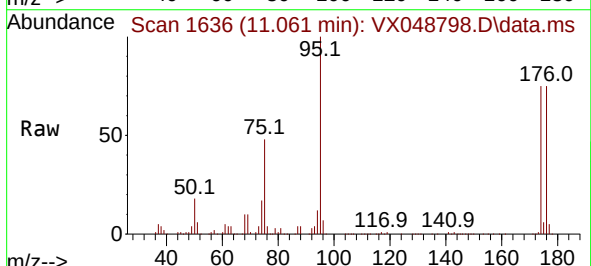
Instrument :
MSVOA_X
ClientSampleId :
VX1210MBL01

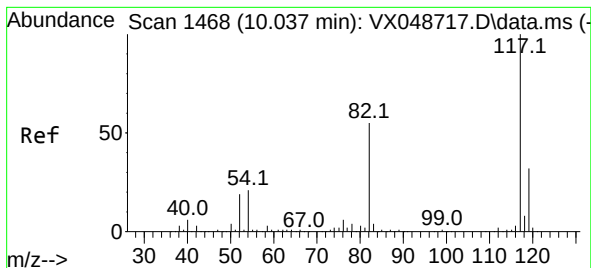
Tgt Ion: 98 Resp: 413658
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 60.022 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

Tgt Ion: 95 Resp: 183765
Ion Ratio Lower Upper
95 100
174 79.8 0.0 157.8
176 77.7 0.0 154.0

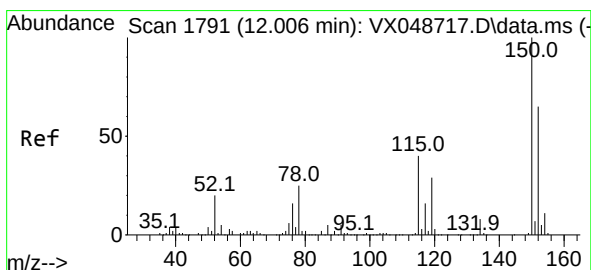
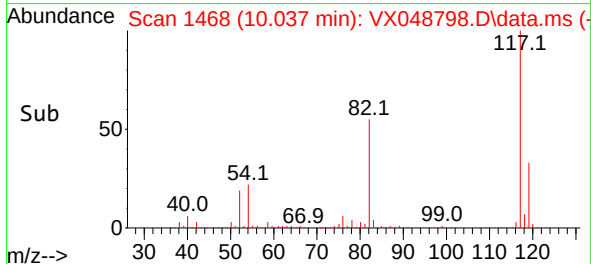
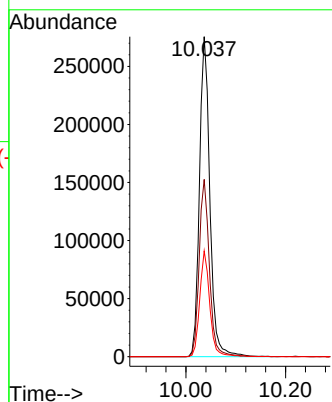
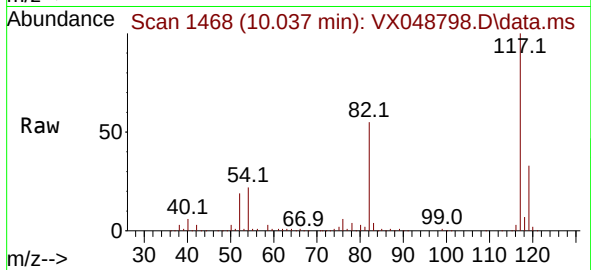




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048798.D
Acq: 10 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1210MBL01

Tgt Ion:117 Resp: 398696
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 33.1 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: VX048798.D
Acq: 10 Dec 2025 10:31

Tgt Ion:152 Resp: 206043
Ion Ratio Lower Upper
152 100
115 58.8 42.1 126.4
150 158.1 0.0 347.8

