

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048472.D
 Acq On : 04 Nov 2025 10:14
 Operator : JC/MD
 Sample : VX1104MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104MBL01

Quant Time: Nov 05 01:42:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	110283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	243050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	80240	50.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.367	113	62180	44.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.629	98	297225	48.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.061	95	129718	56.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.380%

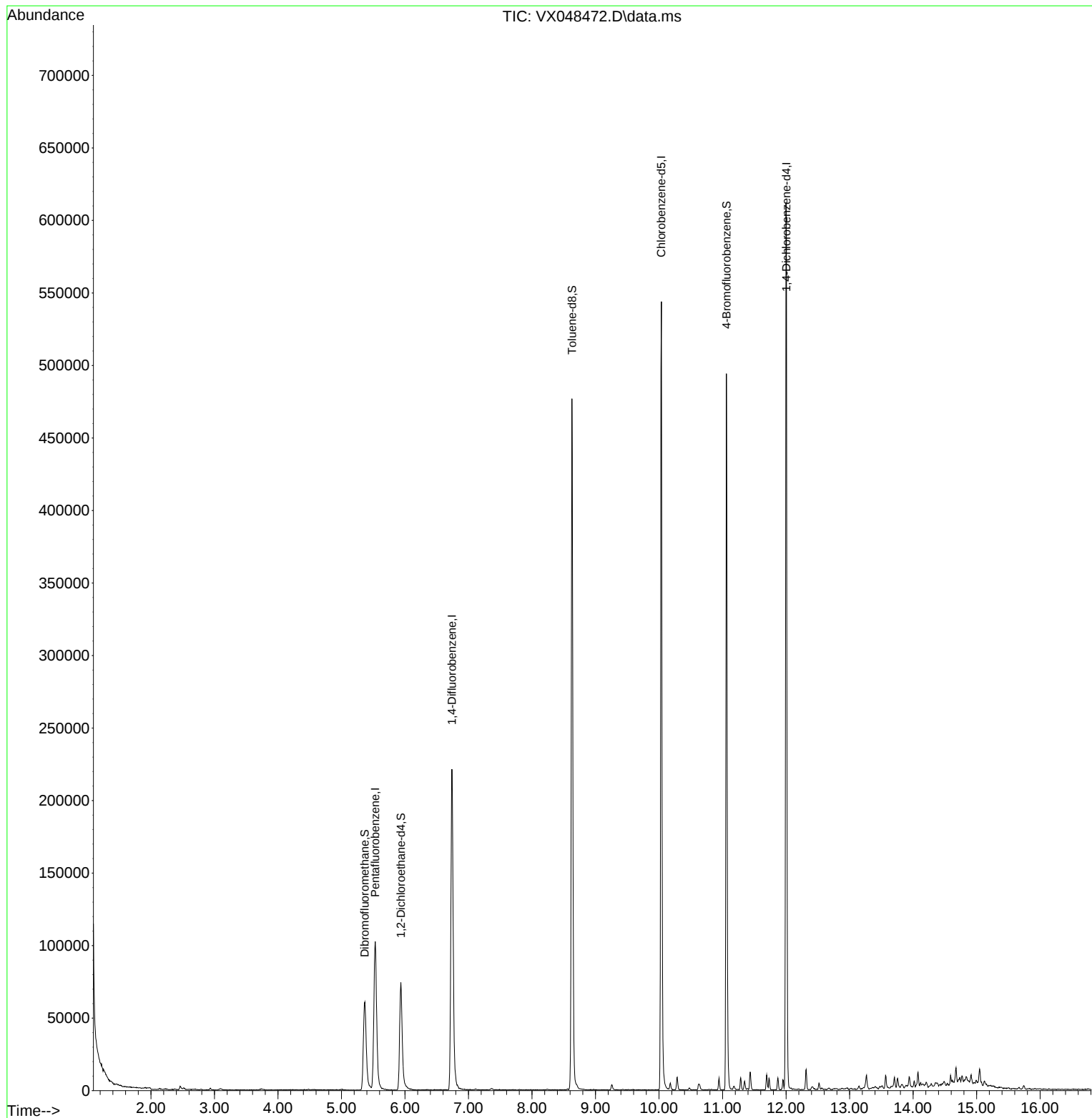
Target Compounds	Qvalue

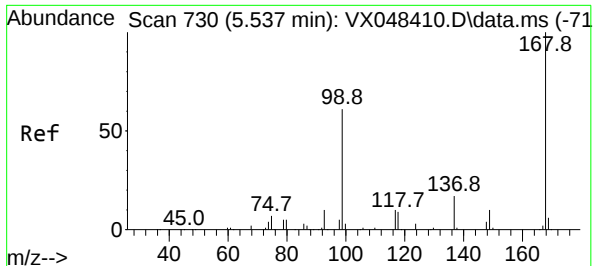
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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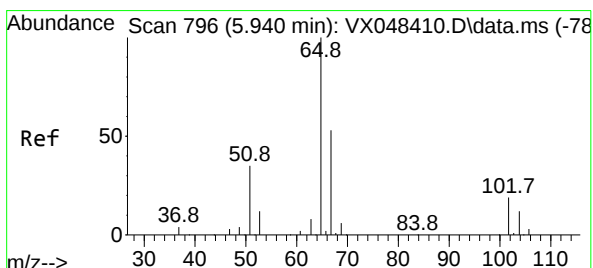
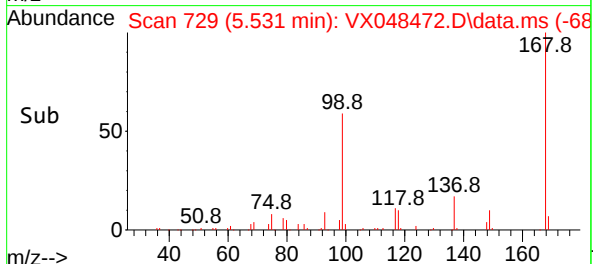
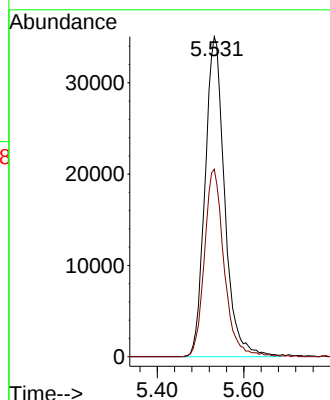
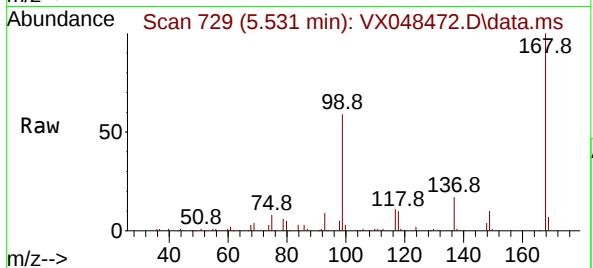




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

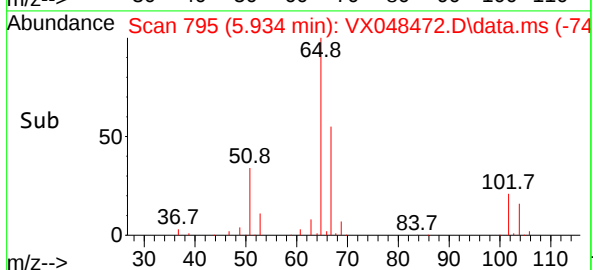
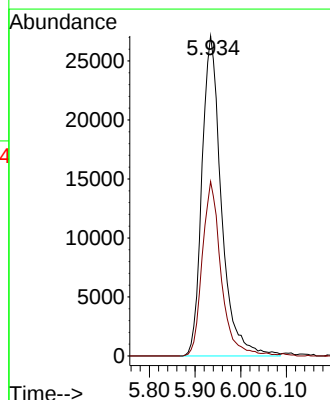
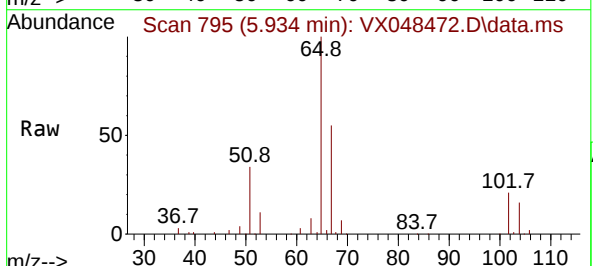
Instrument :
MSVOA_X
ClientSampleId :
VX1104MBL01

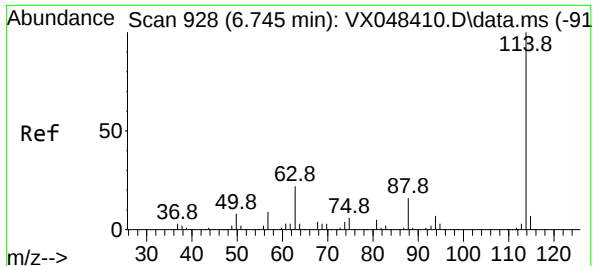
Tgt Ion:168 Resp: 110283
Ion Ratio Lower Upper
168 100
99 58.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 50.591 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 65 Resp: 80240
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

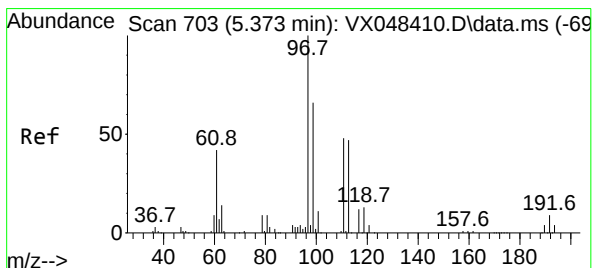
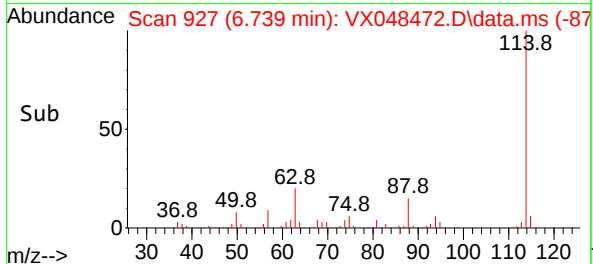
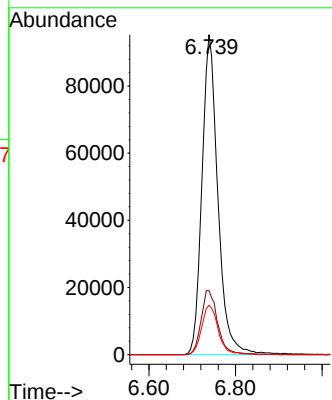
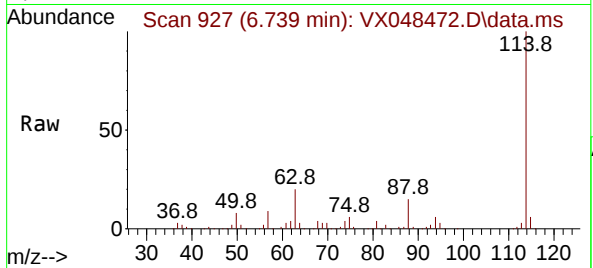




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

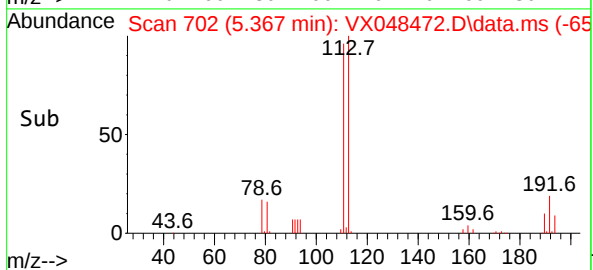
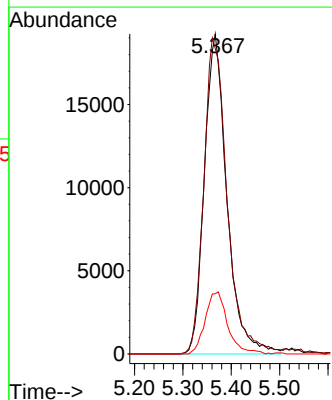
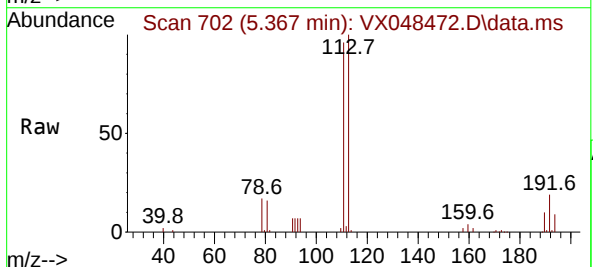
Instrument :
MSVOA_X
ClientSampleId :
VX1104MBL01

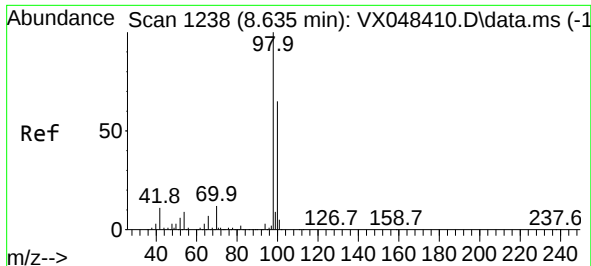
Tgt Ion:114 Resp: 243050
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 44.872 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion:113 Resp: 62180
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 19.4 15.1 22.7

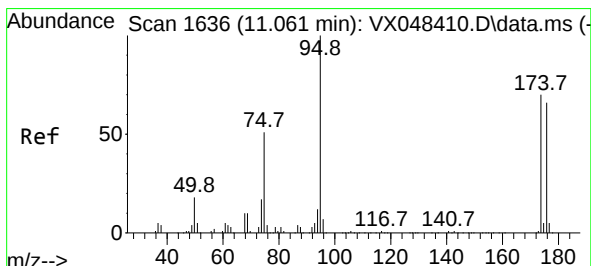
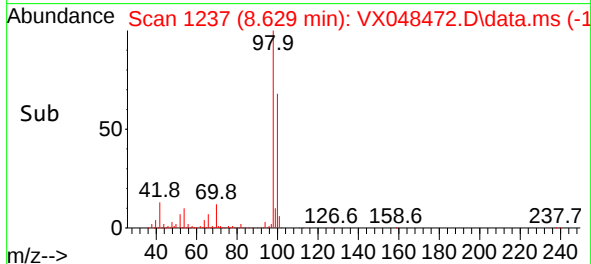
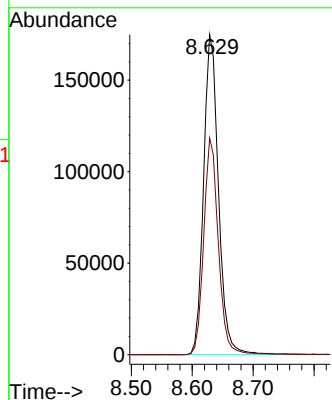
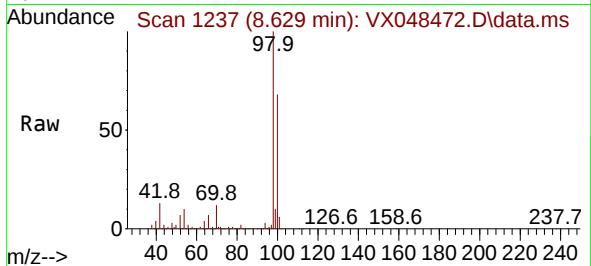




#50
Toluene-d8
Concen: 48.591 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

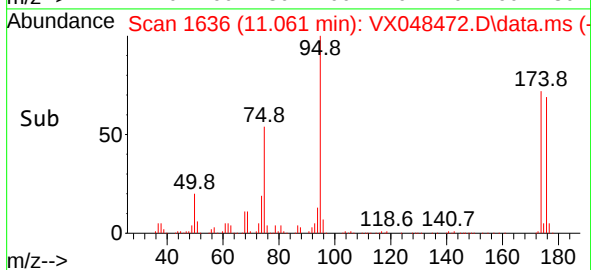
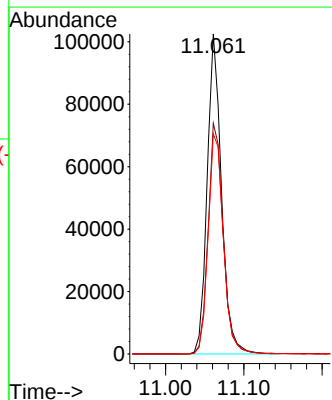
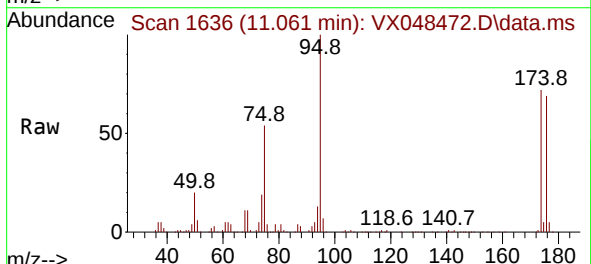
Instrument :
MSVOA_X
ClientSampleId :
VX1104MBL01

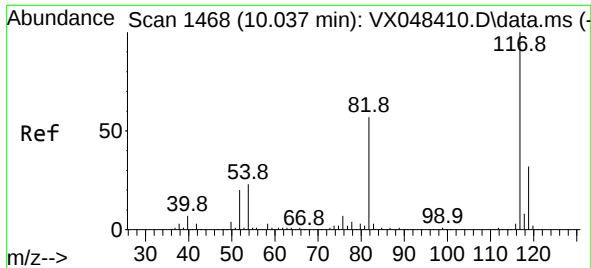
Tgt Ion: 98 Resp: 297225
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.690 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 95 Resp: 129718
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.8
176 73.3 0.0 142.8

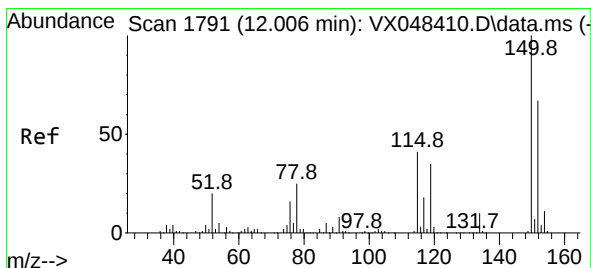
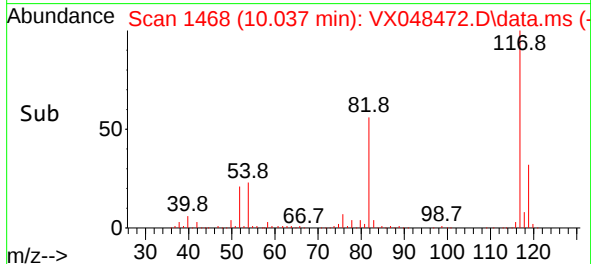
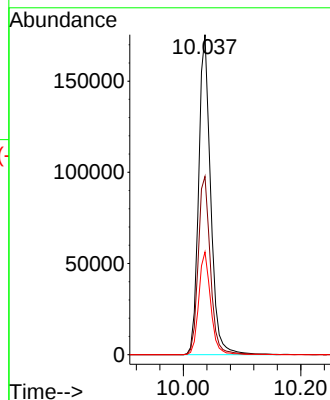
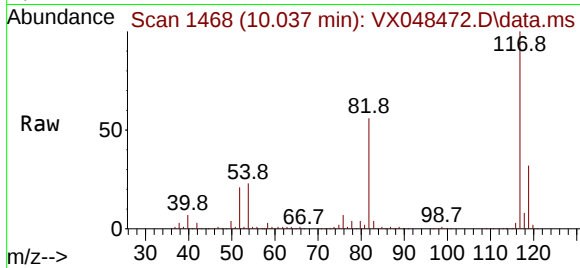




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX1104MBL01

Tgt Ion:117 Resp: 249398
Ion Ratio Lower Upper
117 100
82 55.7 46.5 69.7
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion:152 Resp: 127802
Ion Ratio Lower Upper
152 100
115 62.5 43.1 129.4
150 156.8 0.0 353.0

