

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048238.D
 Acq On : 20 Oct 2025 14:56
 Operator : JC/MD
 Sample : VX1020MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBL01

Quant Time: Oct 20 15:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	106042	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	205331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	221684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	71669	48.204	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.373	113	61889	44.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.300%
50) Toluene-d8	8.628	98	213502	43.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.900%#
62) 4-Bromofluorobenzene	11.061	95	99862	53.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.860%

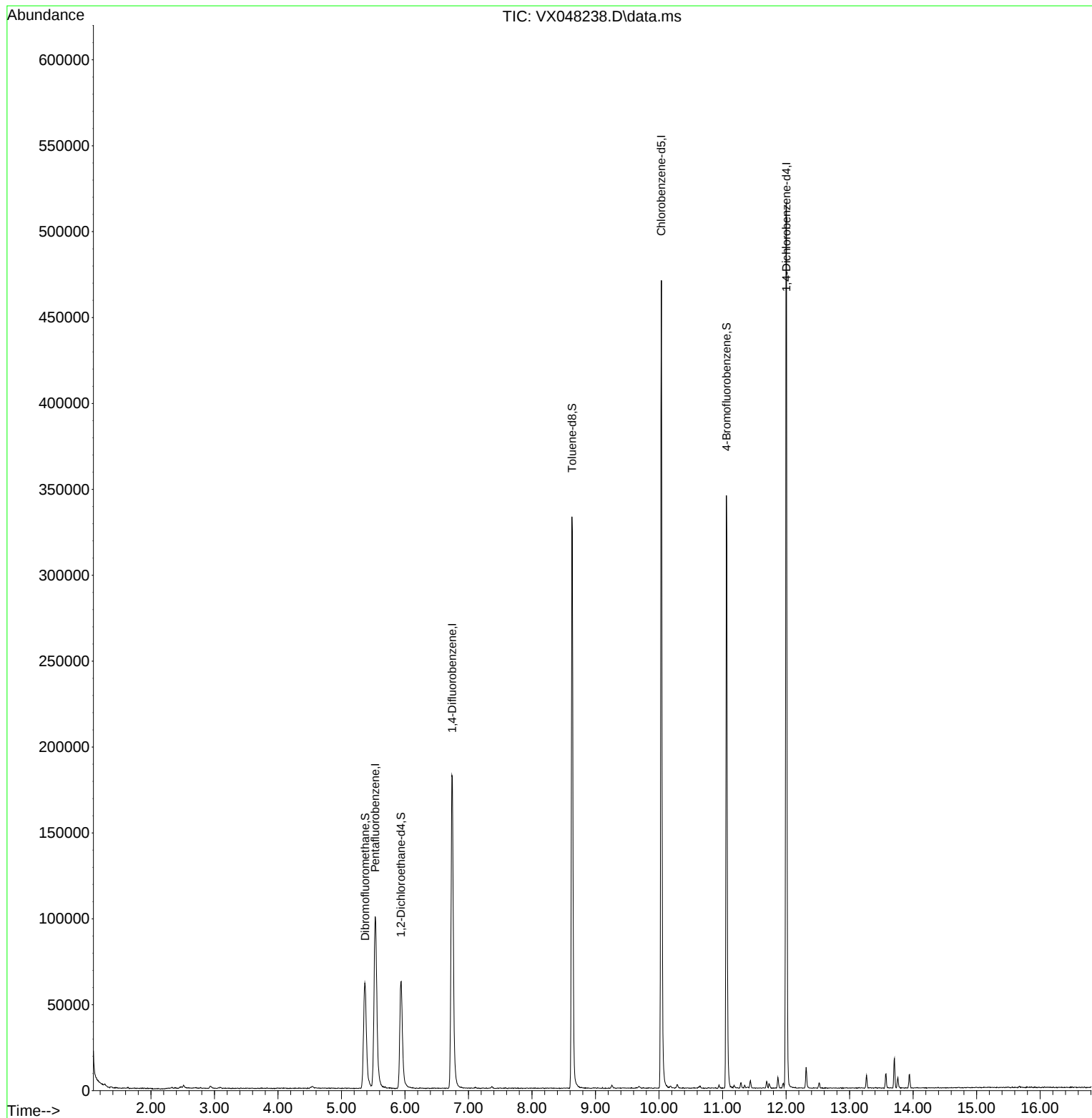
Target Compounds	Qvalue

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

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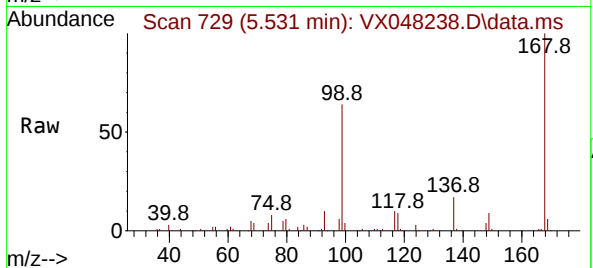
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
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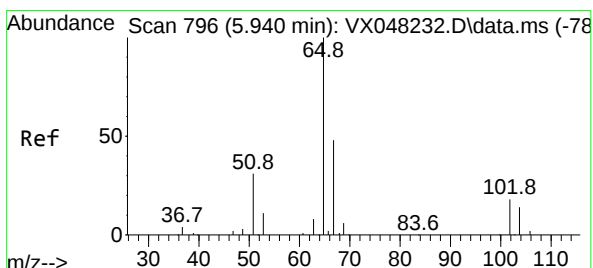
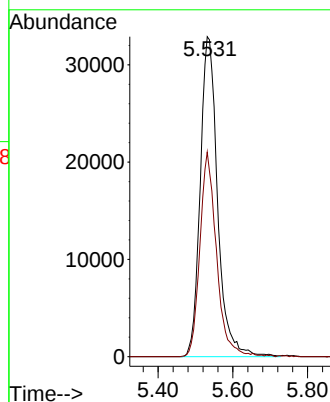
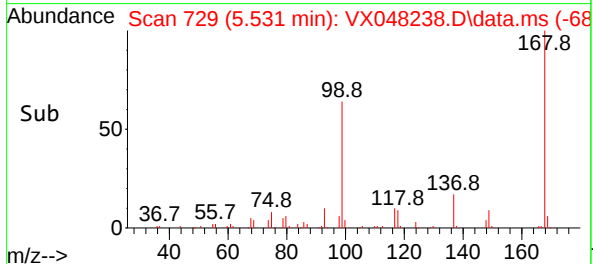


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048238.D
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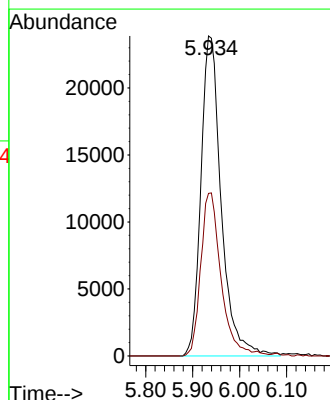
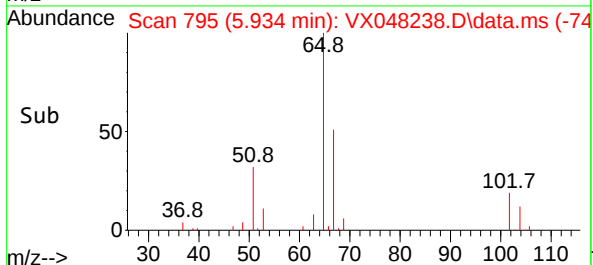
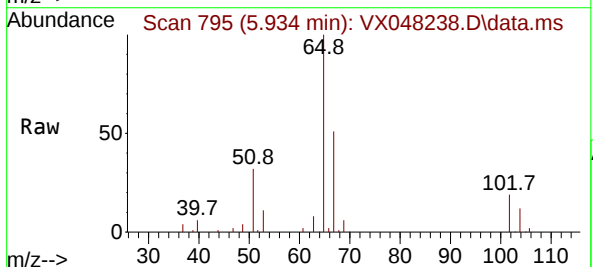


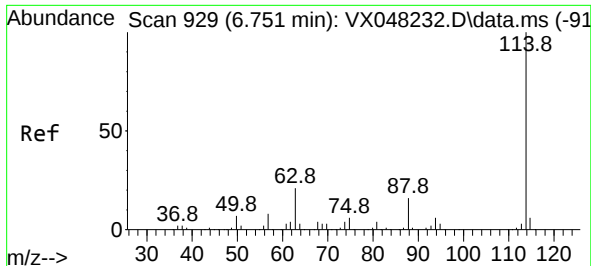
Tgt Ion:168 Resp: 106042
Ion Ratio Lower Upper
168 100
99 64.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 48.204 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 65 Resp: 71669
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.0

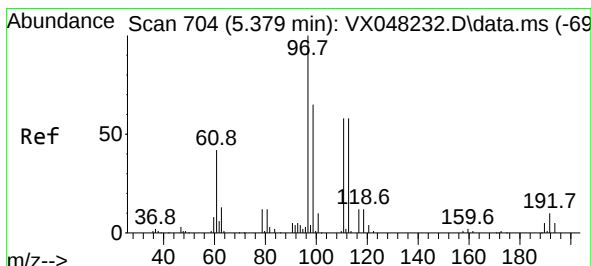
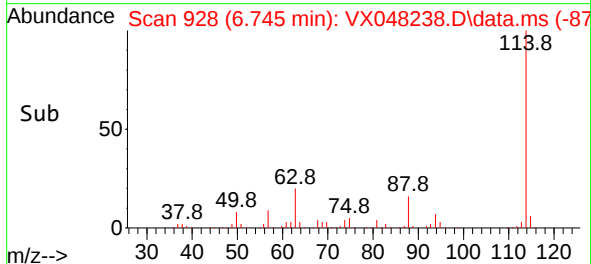
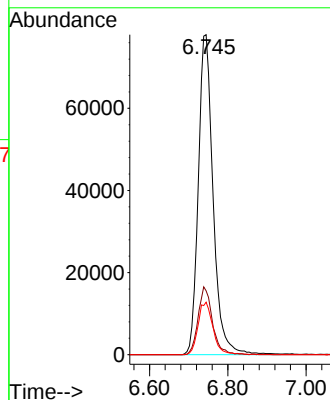
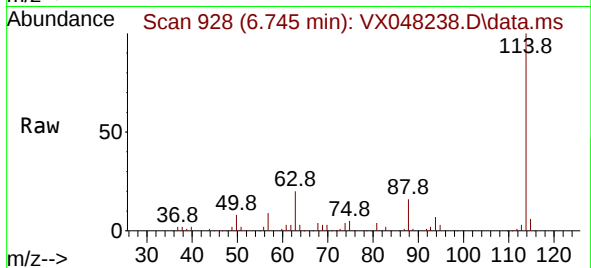




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

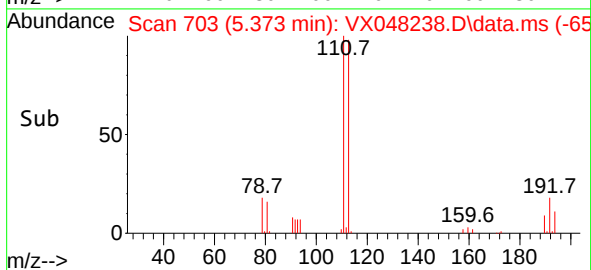
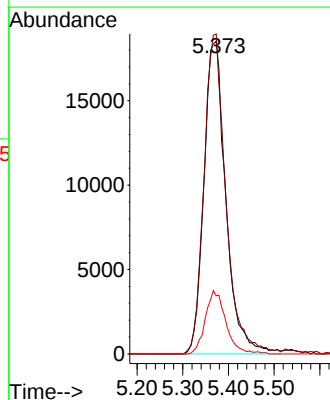
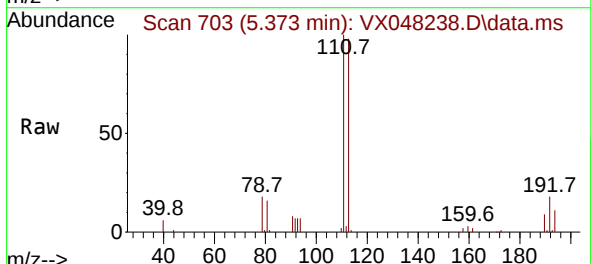
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

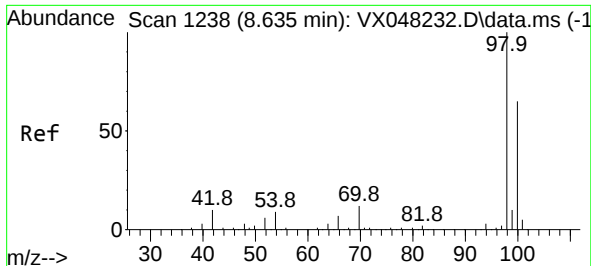
Tgt Ion:114 Resp: 205331
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 44.150 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:113 Resp: 61889
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.0 15.1 22.7

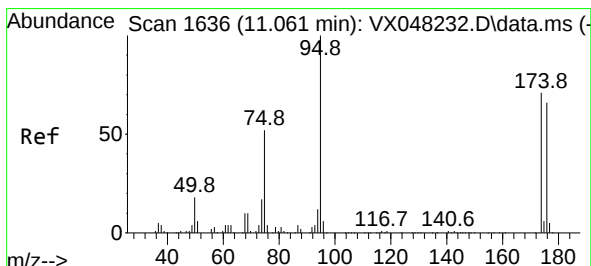
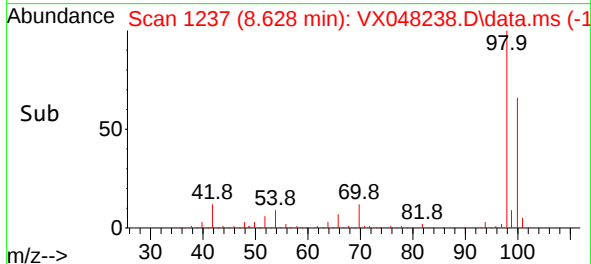
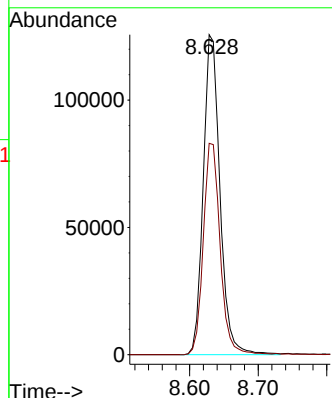
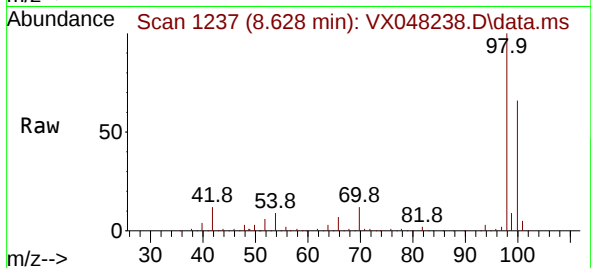




#50
Toluene-d8
Concen: 43.453 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

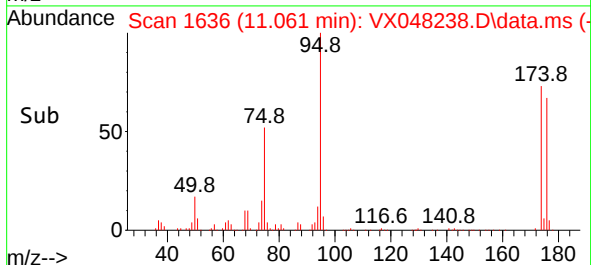
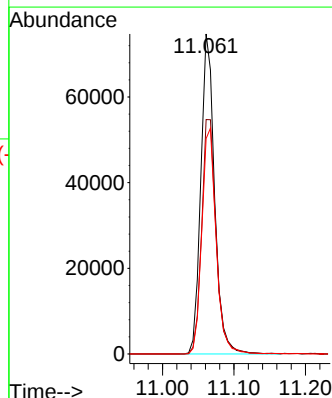
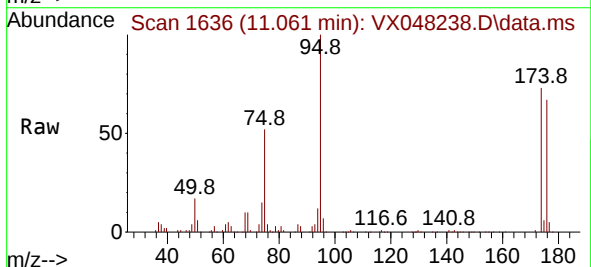
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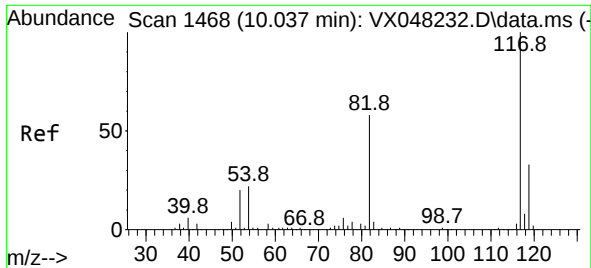
Tgt Ion: 98 Resp: 213502
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.425 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 95 Resp: 99862
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.8
176 73.3 0.0 142.8

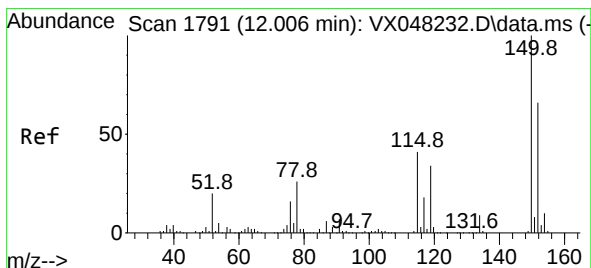
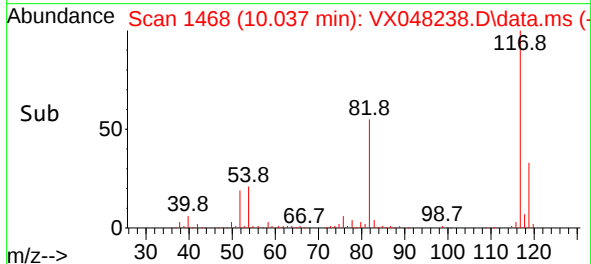
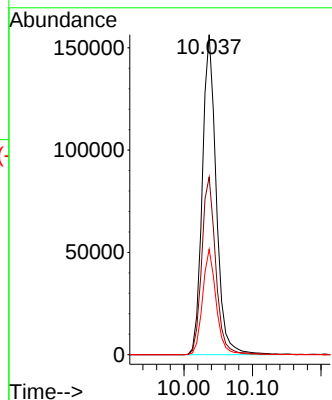
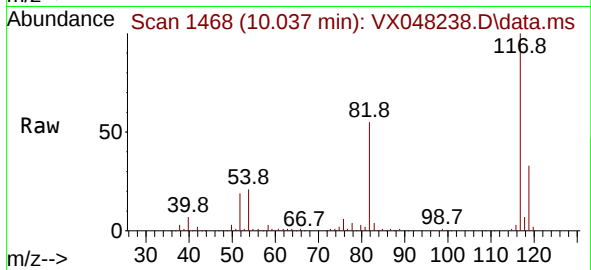




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:117 Resp: 221684
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 32.9 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: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:152 Resp: 115318
Ion Ratio Lower Upper
152 100
115 61.6 43.1 129.4
150 157.5 0.0 353.0

