

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048383.D
 Acq On : 28 Oct 2025 09:06
 Operator : JC/MD
 Sample : VX1028MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBL01

Quant Time: Oct 29 01:13:05 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	5.532	168	90278	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	177517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	171120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	76493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	75154	59.375	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.740%#
35) Dibromofluoromethane	5.361	113	55912	46.136	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.629	98	216878	51.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.120%
62) 4-Bromofluorobenzene	11.061	95	83116	51.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%

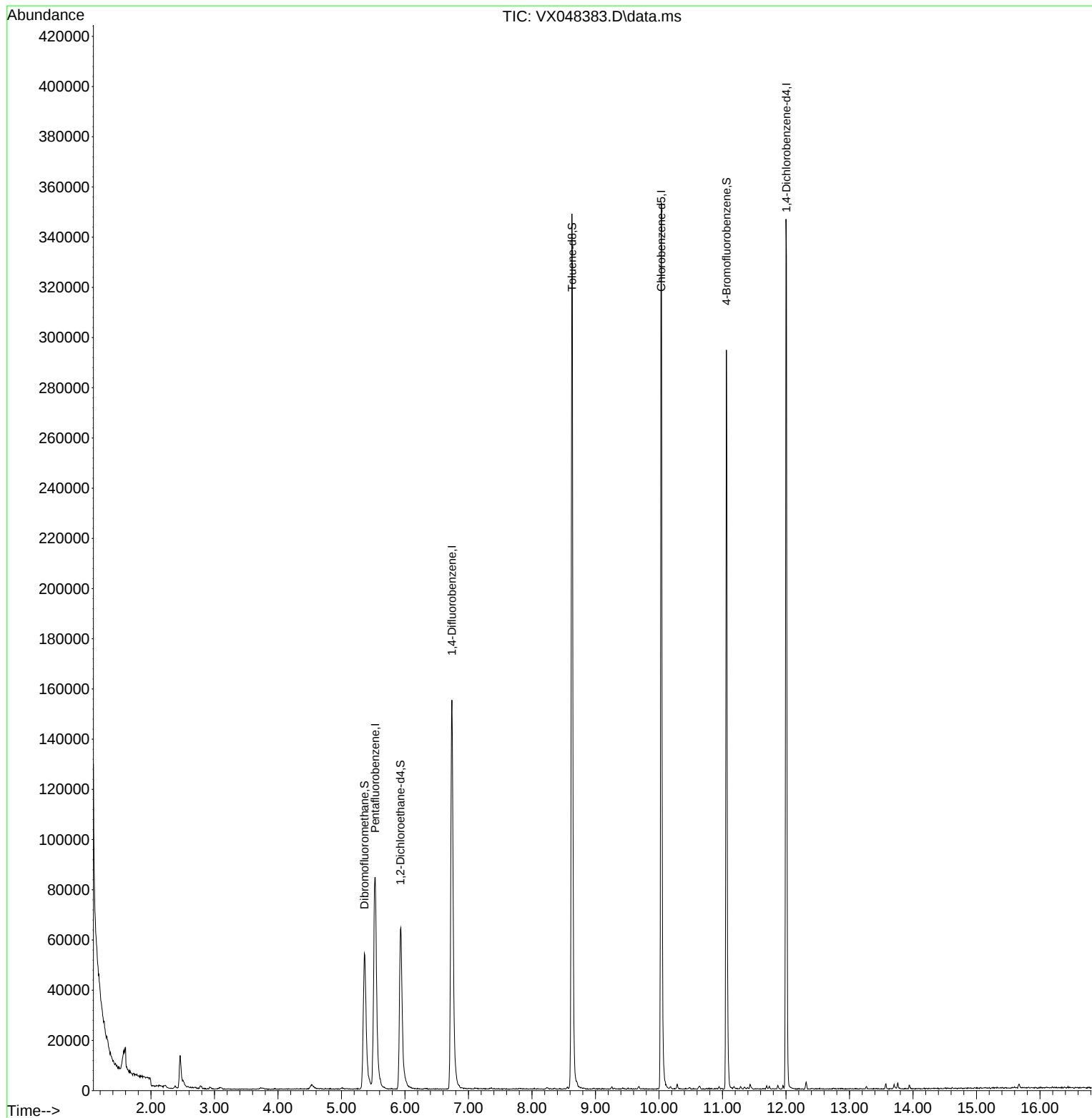
Target Compounds	Qvalue

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

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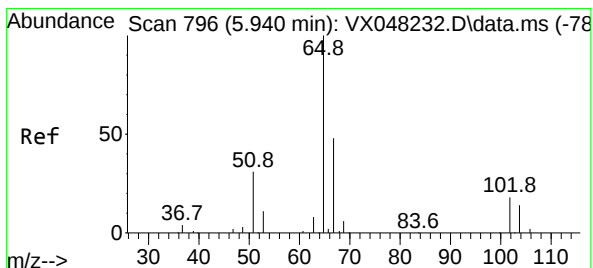
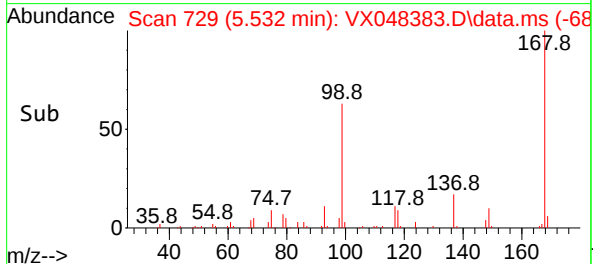
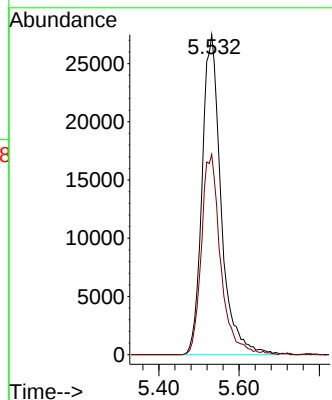
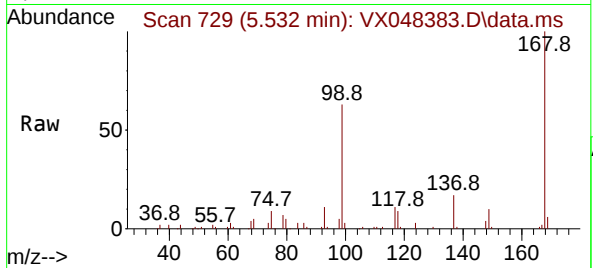




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

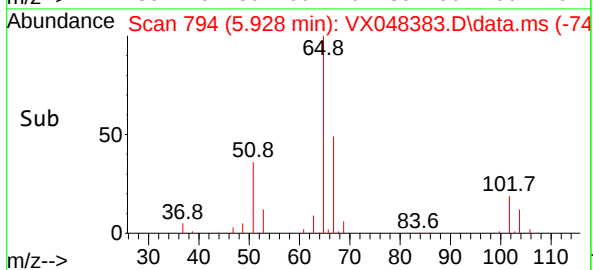
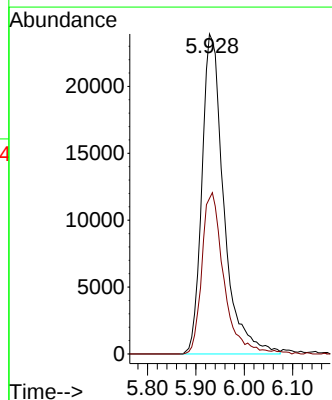
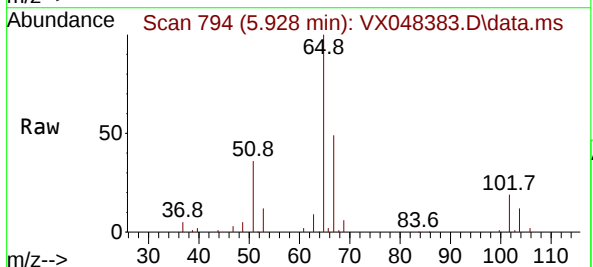
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

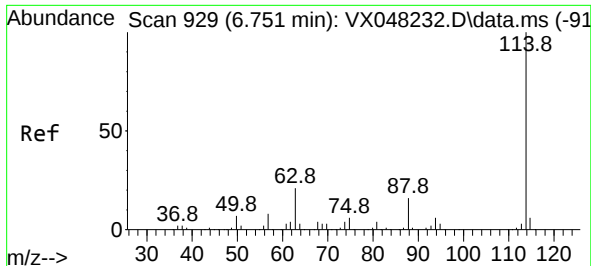
Tgt Ion:168 Resp: 90278
Ion Ratio Lower Upper
168 100
99 62.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 59.375 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.012 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

Tgt Ion: 65 Resp: 75154
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0

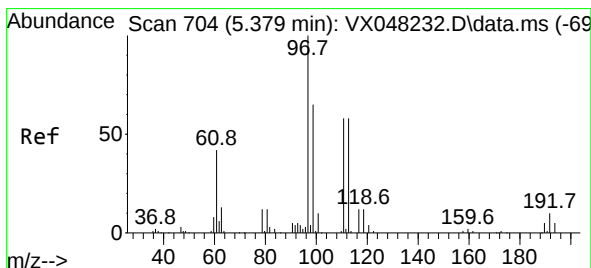
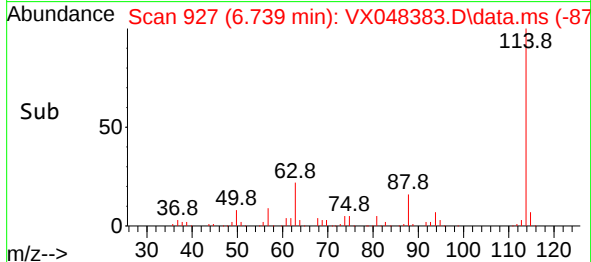
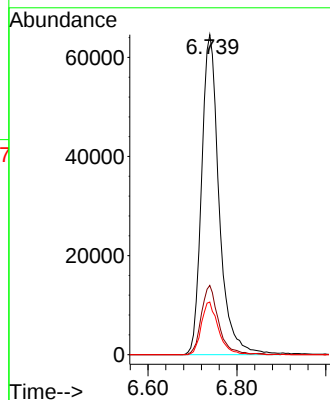
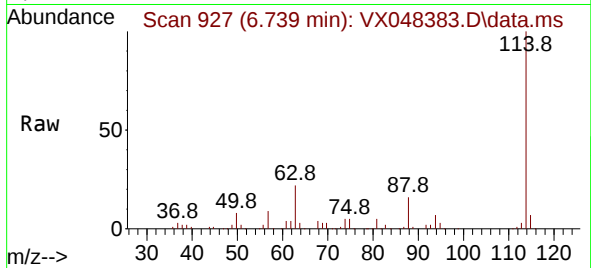




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

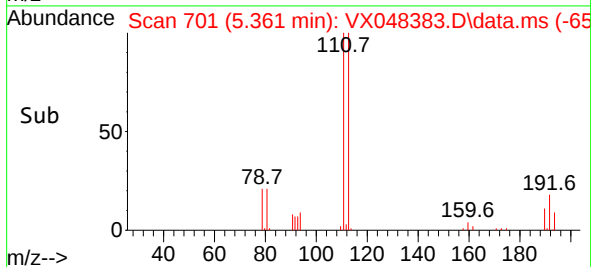
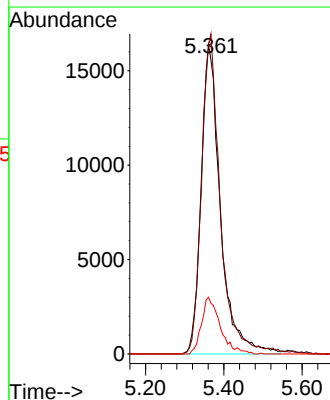
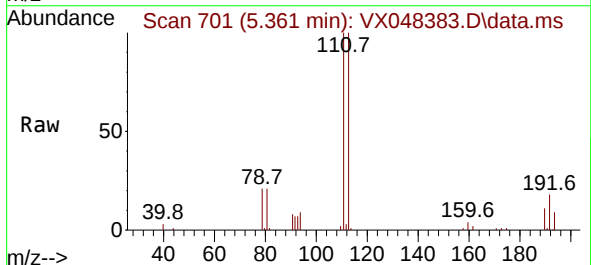
Instrument :
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ClientSampleId :
VX1028MBL01

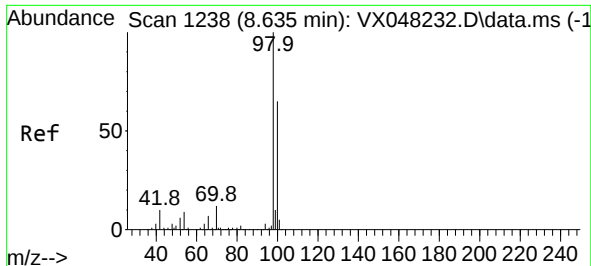
Tgt Ion:114 Resp: 177517
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.136 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

Tgt Ion:113 Resp: 55912
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 17.8 15.1 22.7

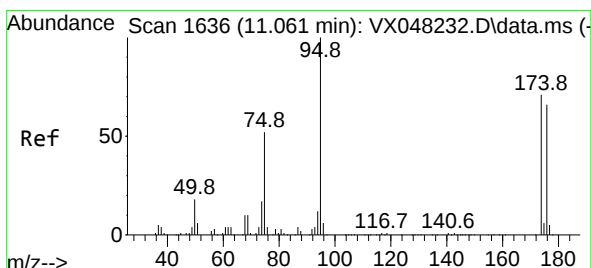
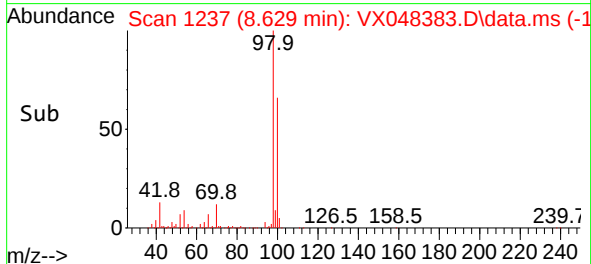
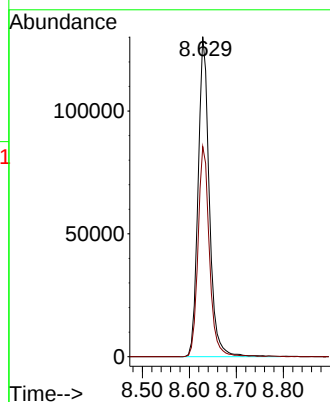
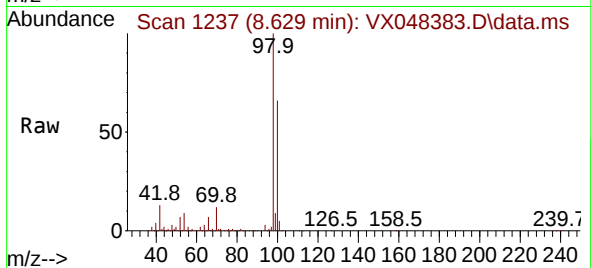




#50
Toluene-d8
Concen: 51.056 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

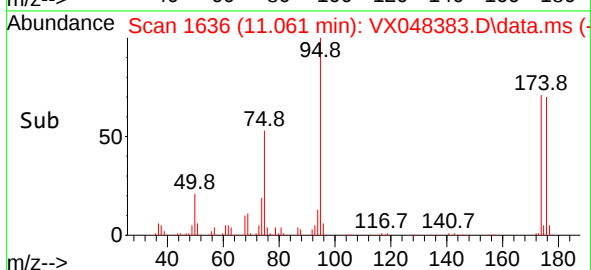
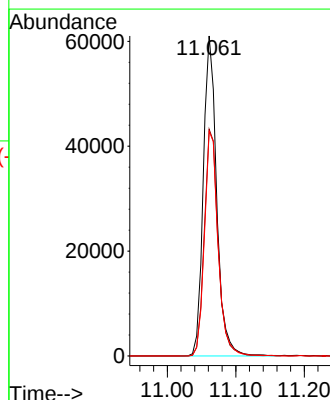
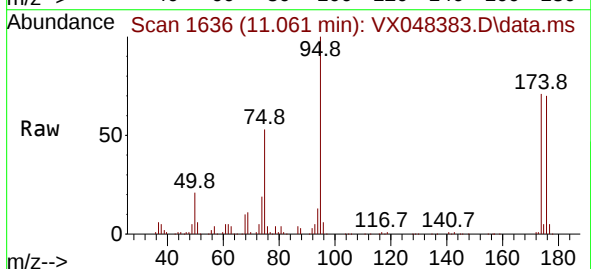
Instrument :
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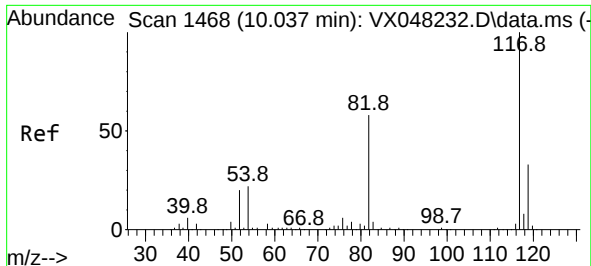
Tgt Ion: 98 Resp: 216878
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

Tgt Ion: 95 Resp: 83116
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.8
176 71.6 0.0 142.8

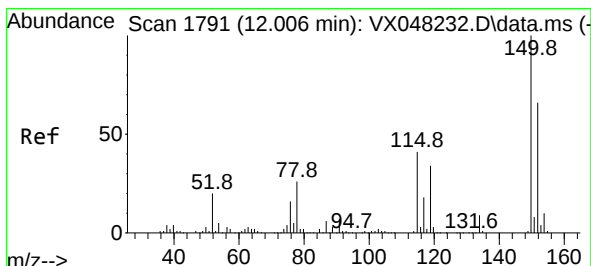
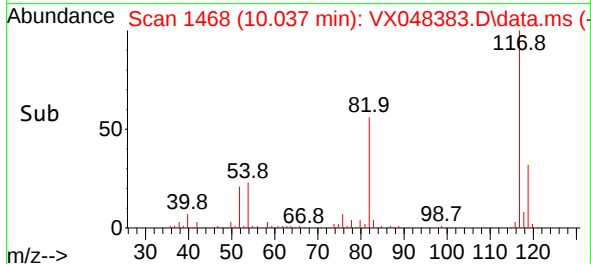
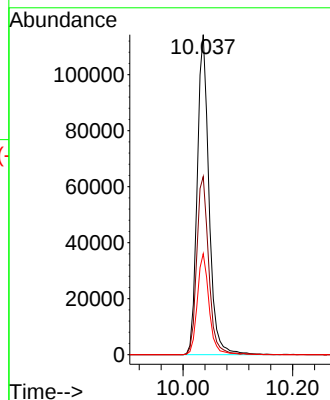
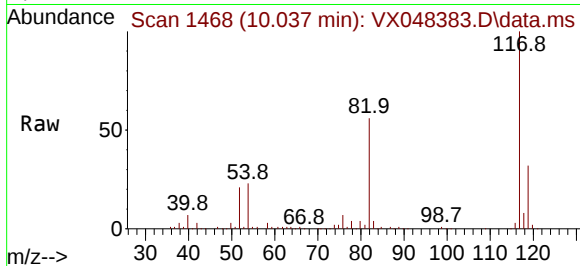




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048383.D
Acq: 28 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

Tgt Ion:117 Resp: 171120
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 31.5 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: VX048383.D
Acq: 28 Oct 2025 09:06

Tgt Ion:152 Resp: 76493
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 156.4 0.0 353.0

