

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048427.D
 Acq On : 31 Oct 2025 13:25
 Operator : JC/MD
 Sample : Q3495-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 31 23:04:44 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	5.538	168	118936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	236513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93850	54.868	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.740%
35) Dibromofluoromethane	5.379	113	71822	53.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.520%
50) Toluene-d8	8.635	98	287619	48.320	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.061	95	128638	57.771	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.540%

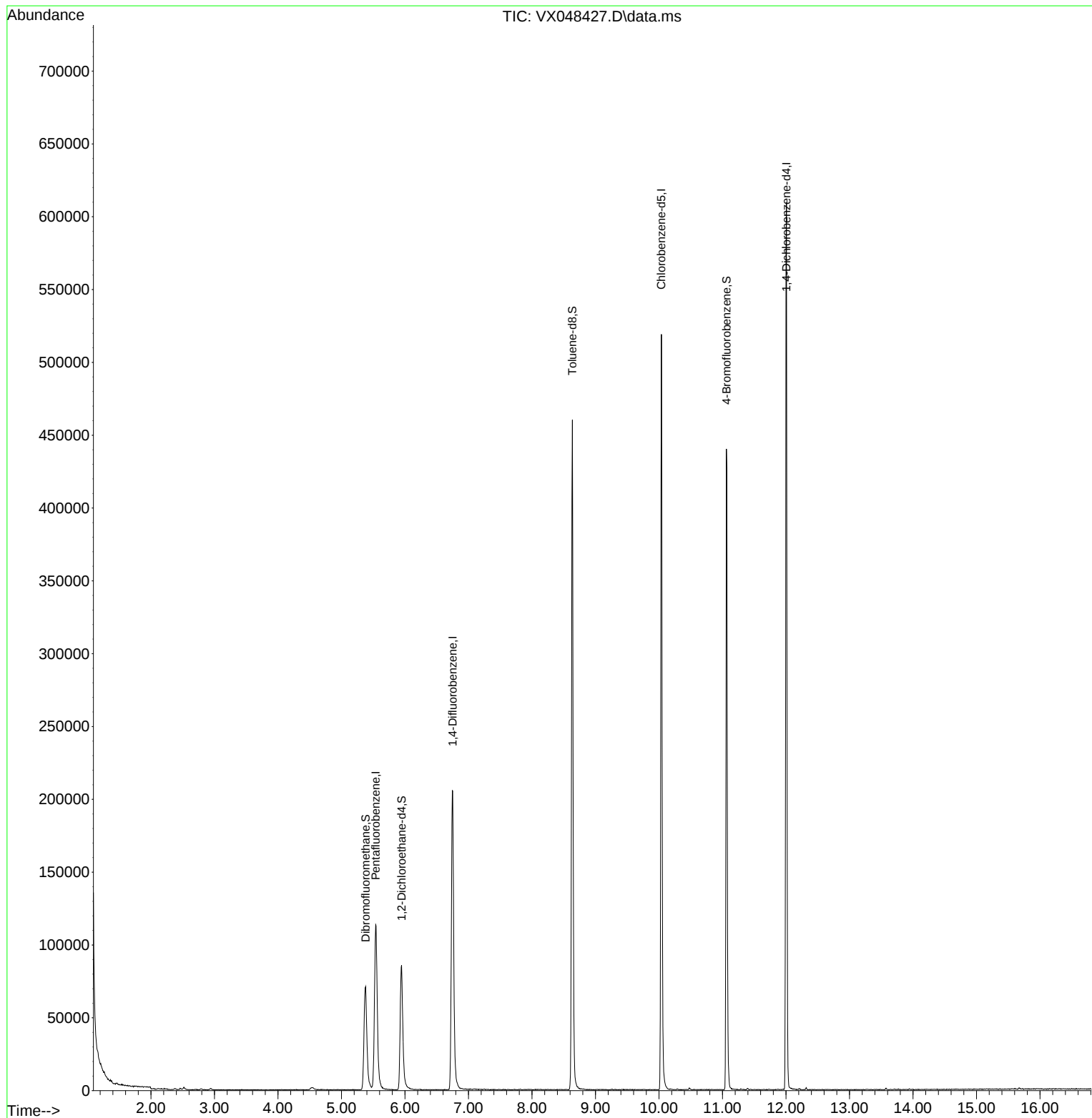
Target Compounds	Qvalue

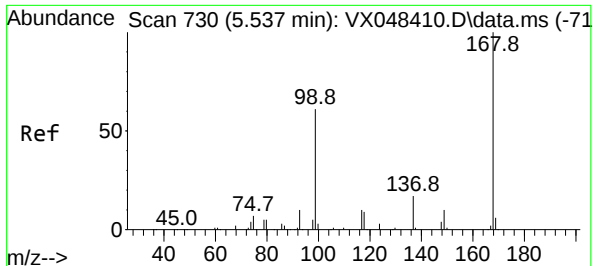
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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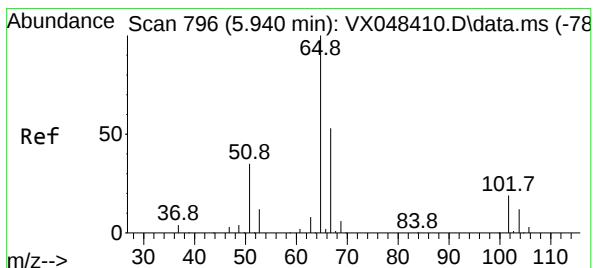
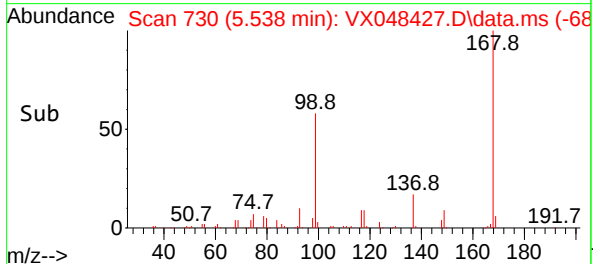
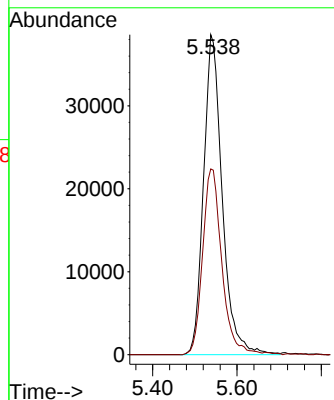
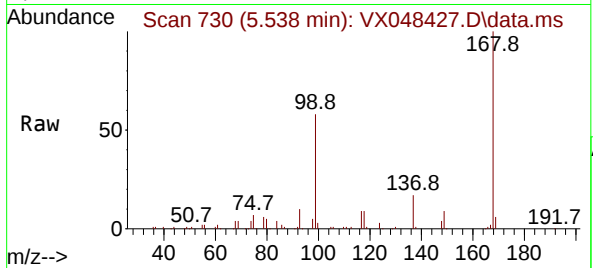




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

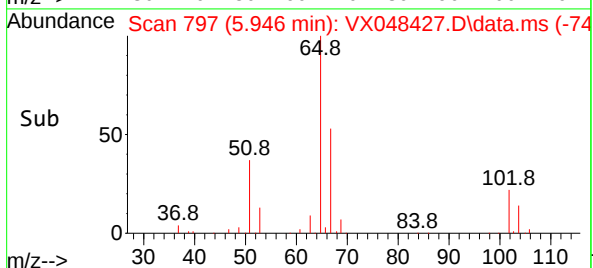
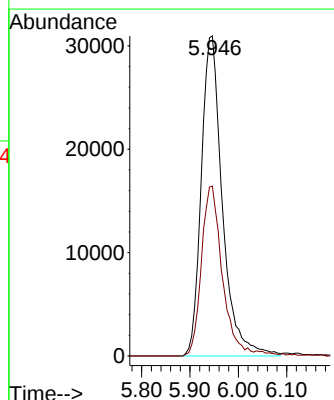
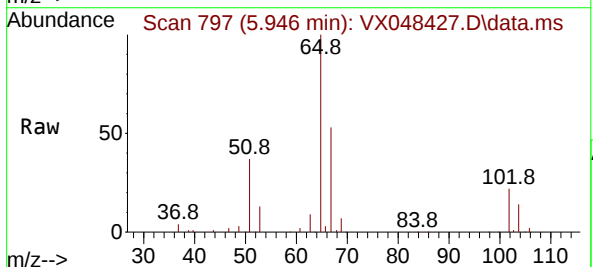
Instrument :
MSVOA_X
ClientSampleId :
TB

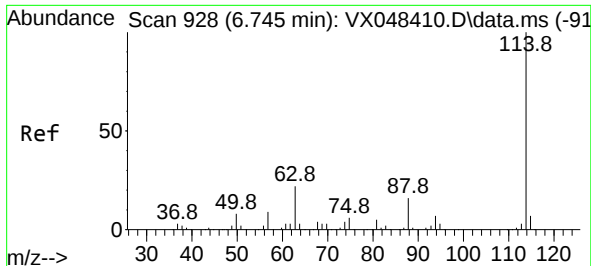
Tgt Ion:168 Resp: 118936
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.868 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion: 65 Resp: 93850
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

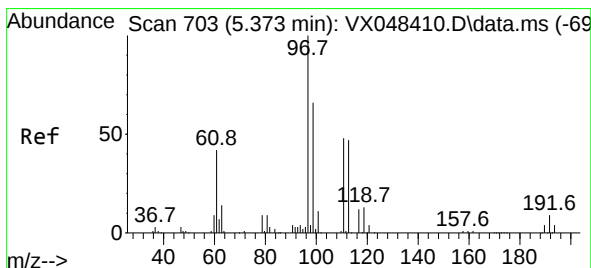
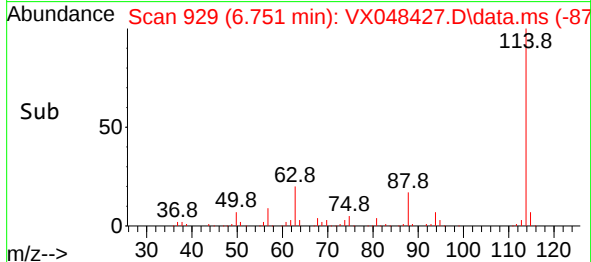
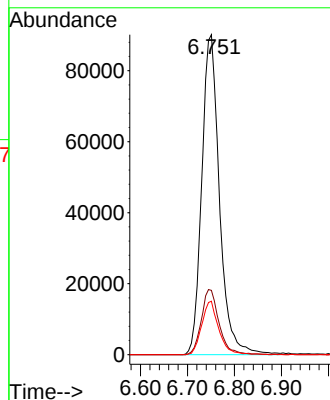
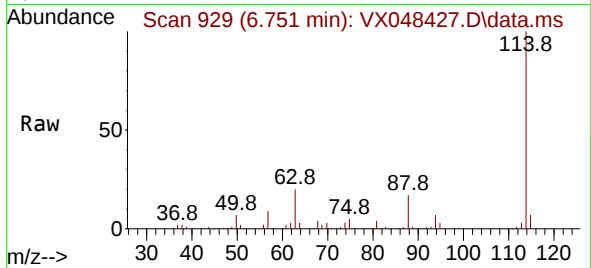




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

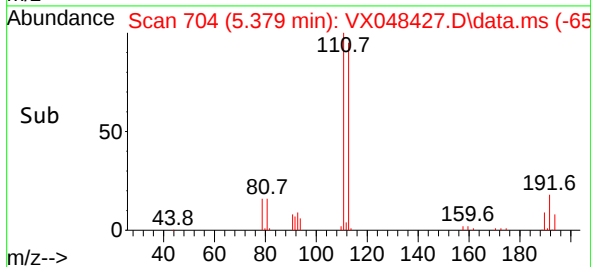
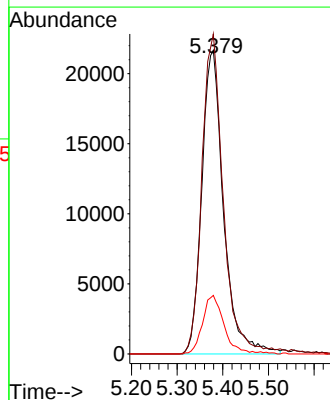
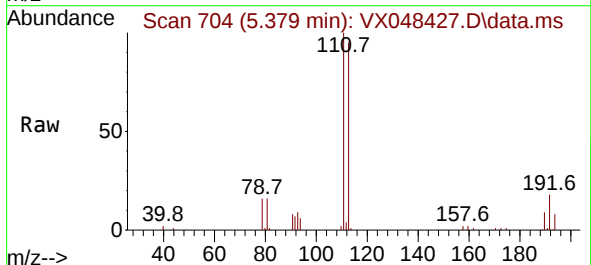
Instrument :
MSVOA_X
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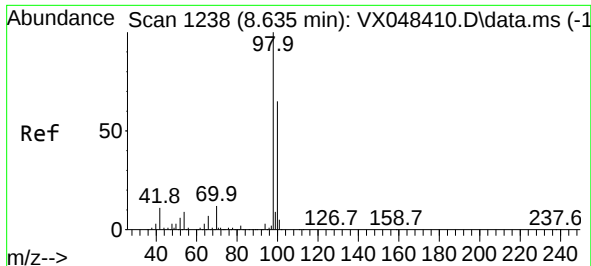
Tgt Ion:114 Resp: 236513
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.263 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion:113 Resp: 71822
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.8 15.1 22.7

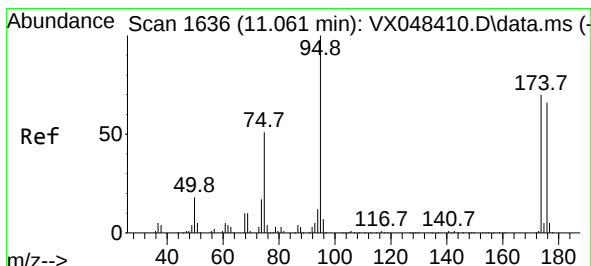
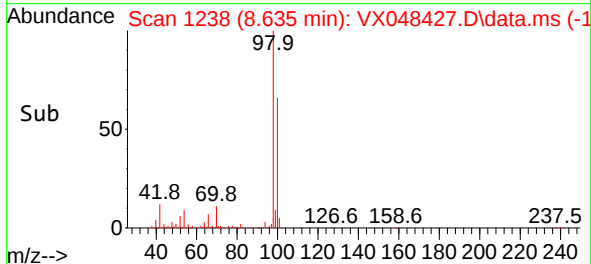
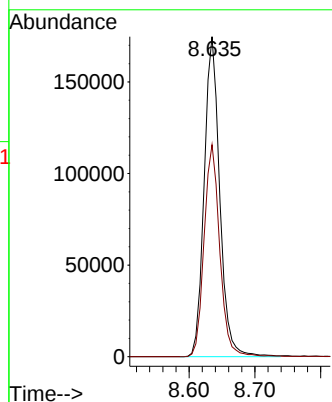
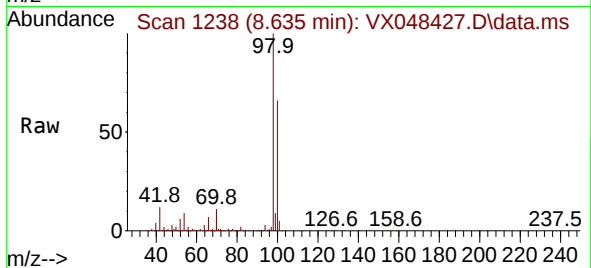




#50
Toluene-d8
Concen: 48.320 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

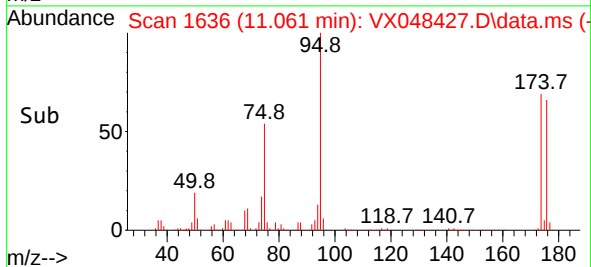
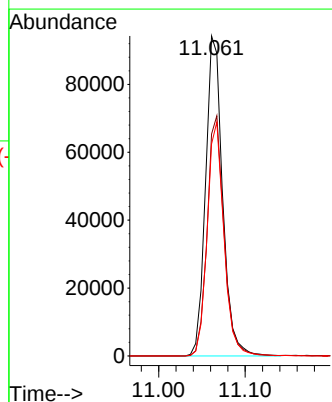
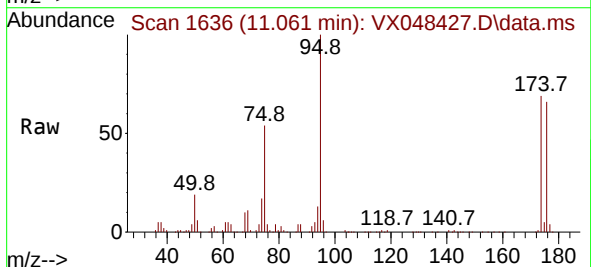
Instrument :
MSVOA_X
ClientSampleId :
TB

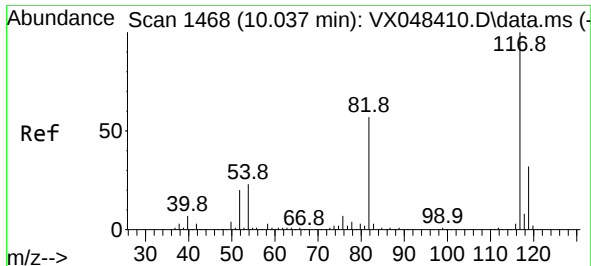
Tgt Ion: 98 Resp: 287619
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.771 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion: 95 Resp: 128638
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 72.0 0.0 142.8

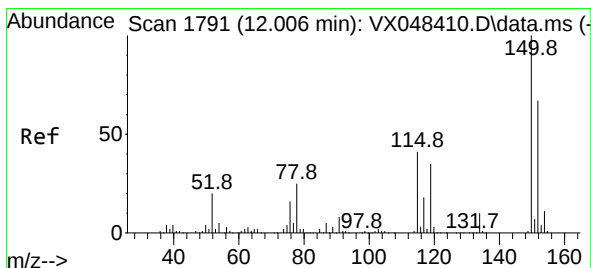
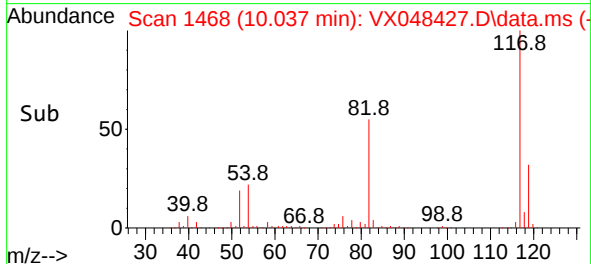
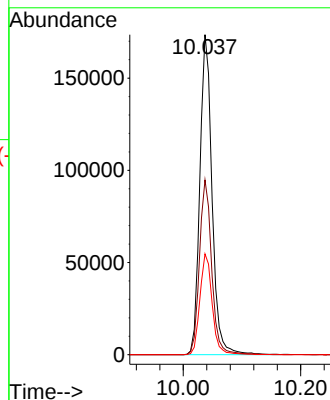
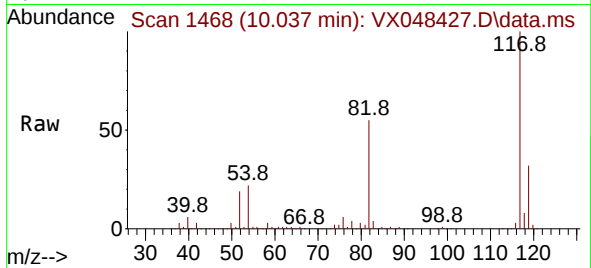




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 250256
Ion Ratio Lower Upper
117 100
82 54.6 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: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion:152 Resp: 130119
Ion Ratio Lower Upper
152 100
115 62.0 43.1 129.4
150 159.6 0.0 353.0

