

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048418.D
 Acq On : 31 Oct 2025 10:06
 Operator : JC/MD
 Sample : VX1031WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBL01

Quant Time: Oct 31 22:59:48 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	5.537	168	109923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	221003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85260	53.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.860%
35) Dibromofluoromethane	5.373	113	63824	50.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	8.634	98	270510	48.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.061	95	119942	57.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.300%

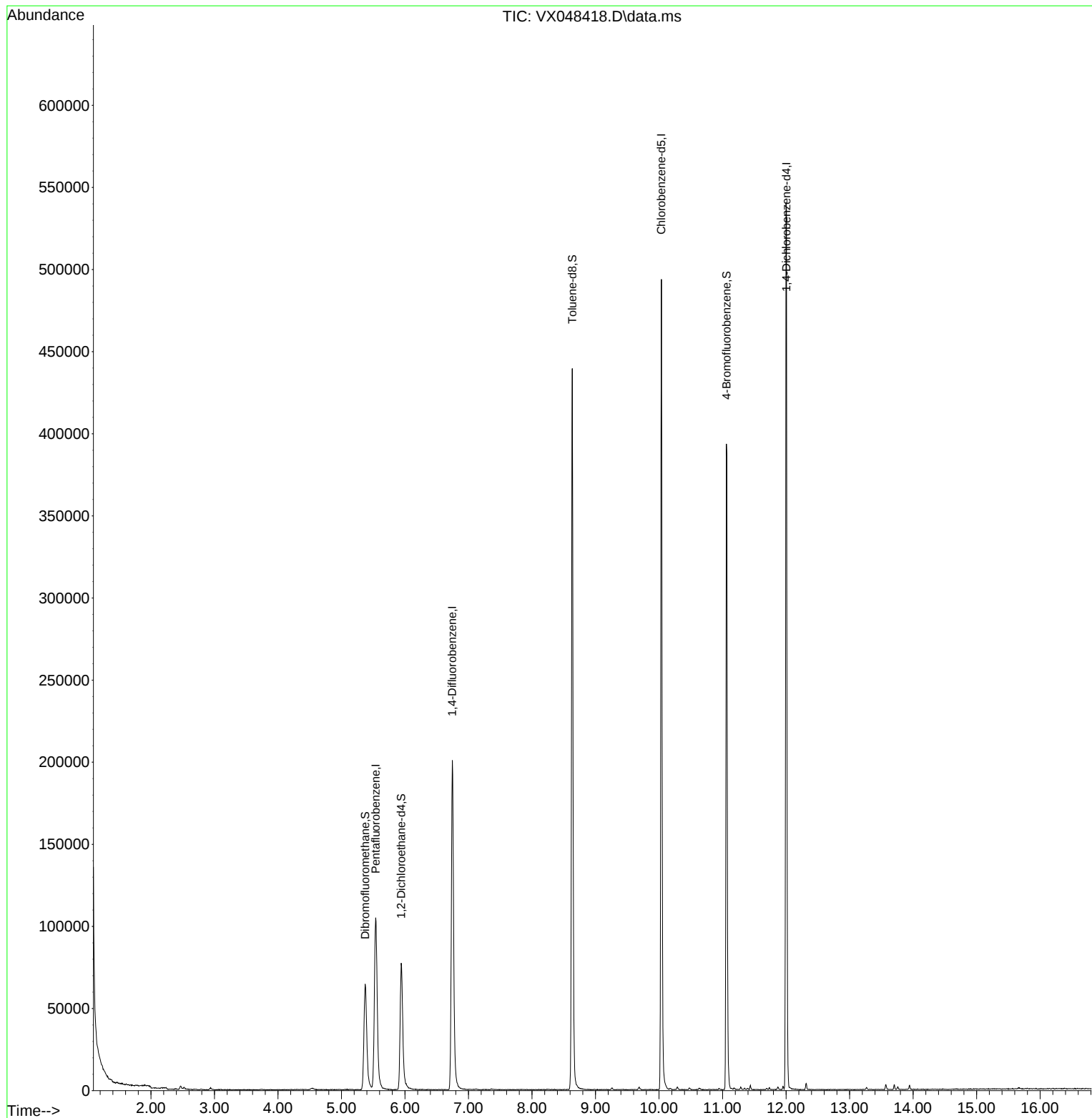
Target Compounds	Qvalue

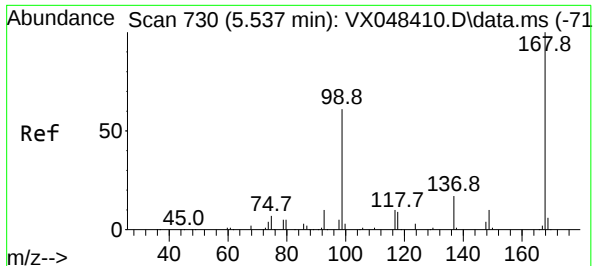
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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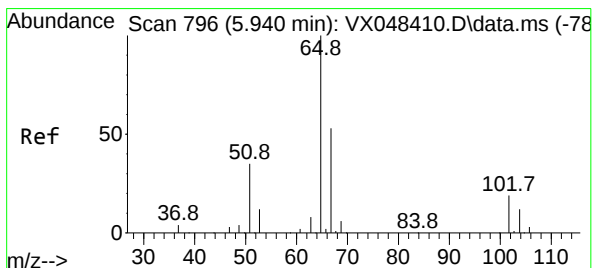
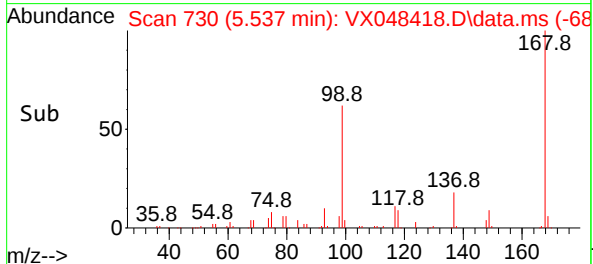
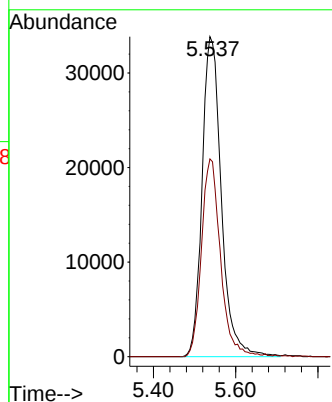
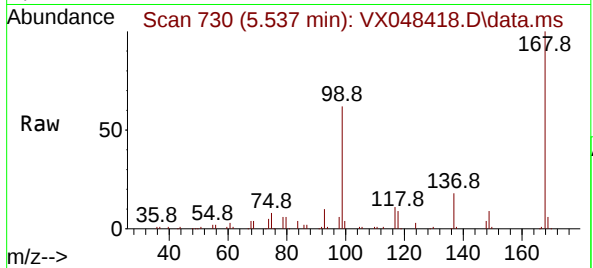




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

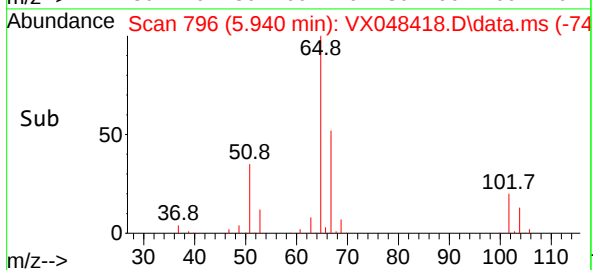
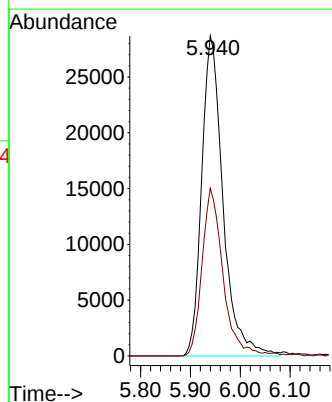
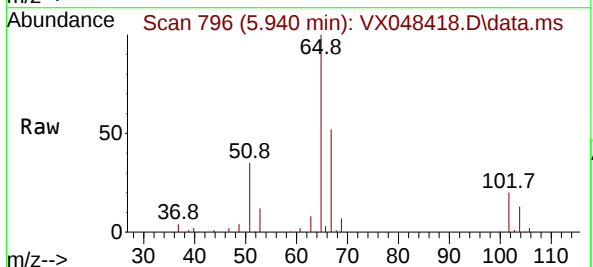
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

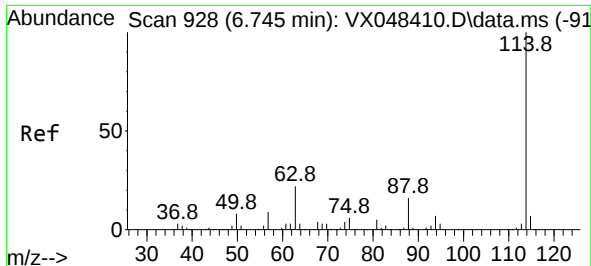
Tgt Ion:168 Resp: 109923
Ion Ratio Lower Upper
168 100
99 61.8 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 53.933 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 65 Resp: 85260
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

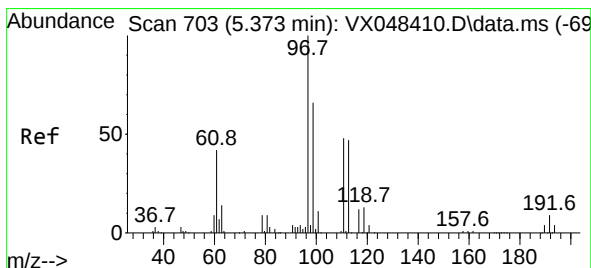
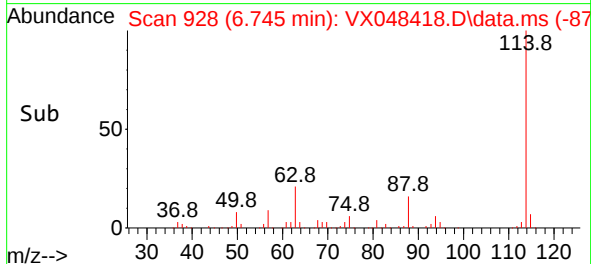
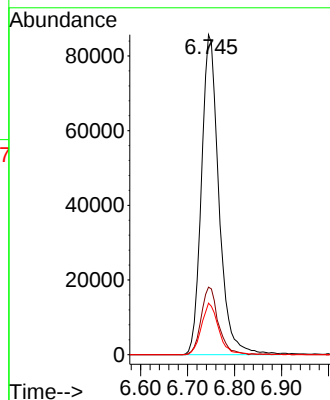
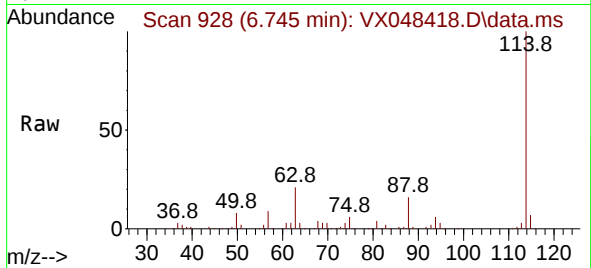




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

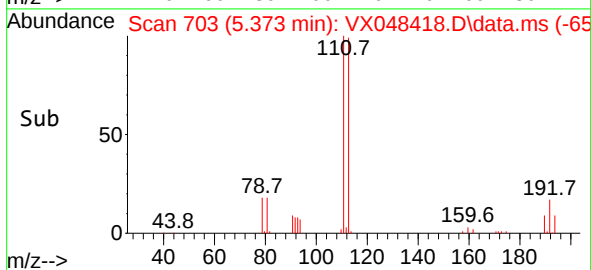
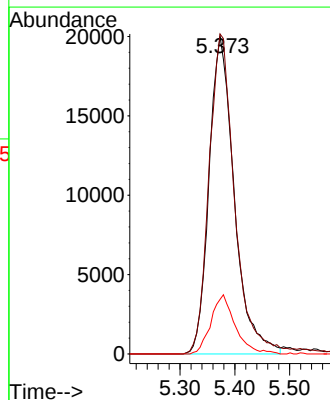
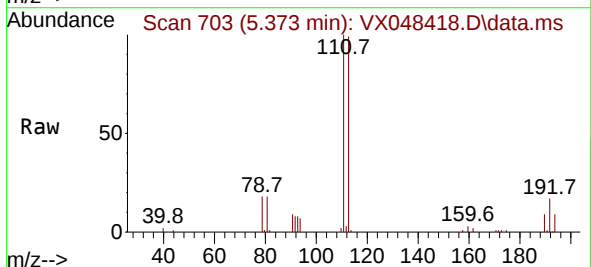
Instrument :
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VX1031WBL01

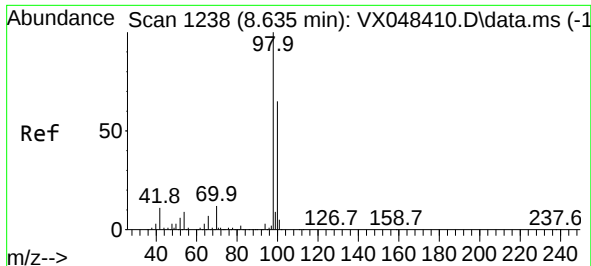
Tgt Ion:114 Resp: 221003
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:113 Resp: 63824
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.0 15.1 22.7

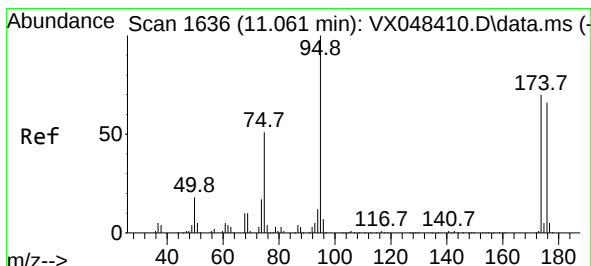
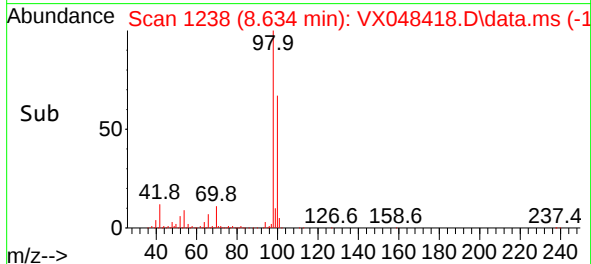
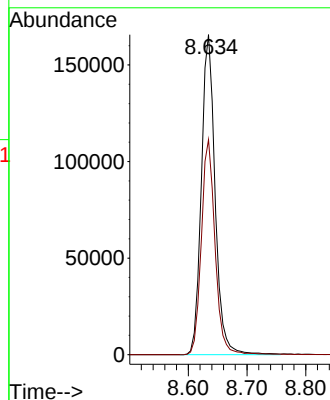
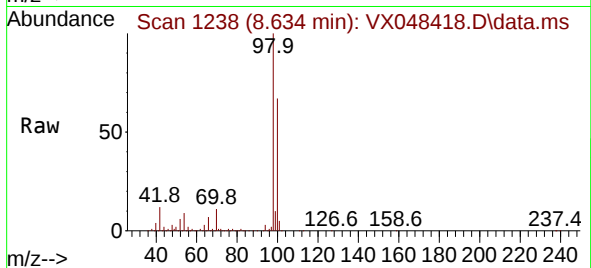




#50
Toluene-d8
Concen: 48.635 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

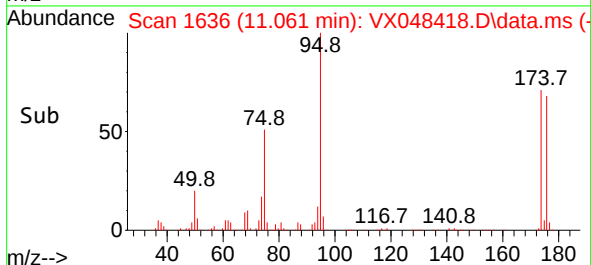
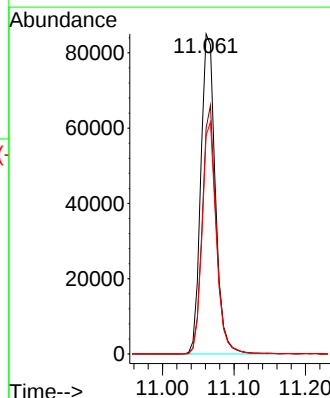
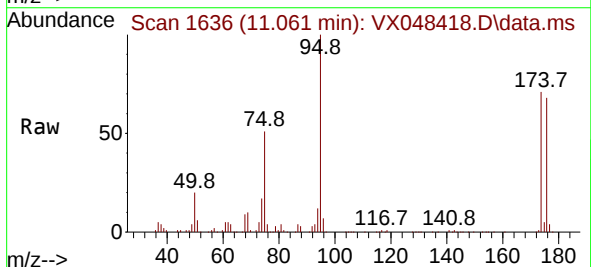
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

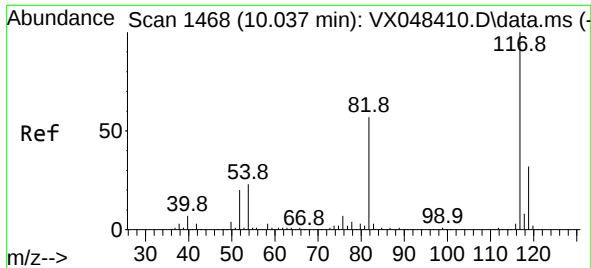
Tgt Ion: 98 Resp: 270510
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.646 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 95 Resp: 119942
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.8
176 70.9 0.0 142.8

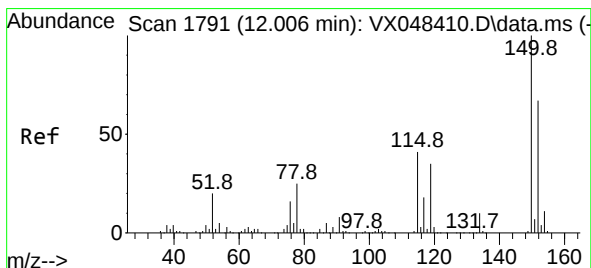
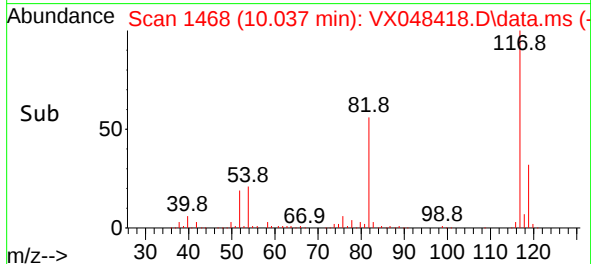
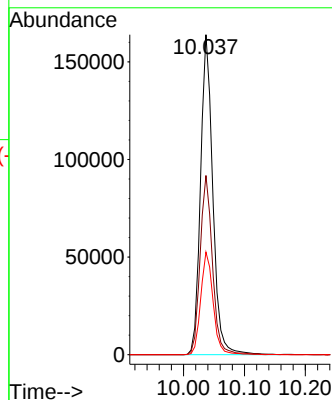
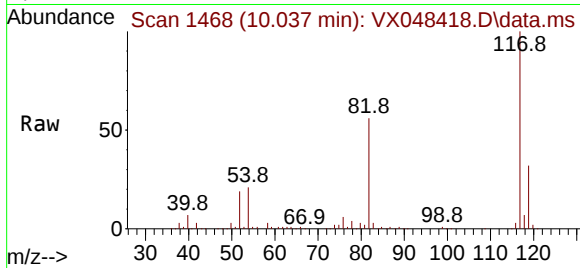




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:117 Resp: 229713
Ion Ratio Lower Upper
117 100
82 56.0 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: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:152 Resp: 119652
Ion Ratio Lower Upper
152 100
115 62.1 43.1 129.4
150 156.4 0.0 353.0

