

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048423.D
 Acq On : 31 Oct 2025 12:02
 Operator : JC/MD
 Sample : Q3500-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 463

Quant Time: Oct 31 23:03:04 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)

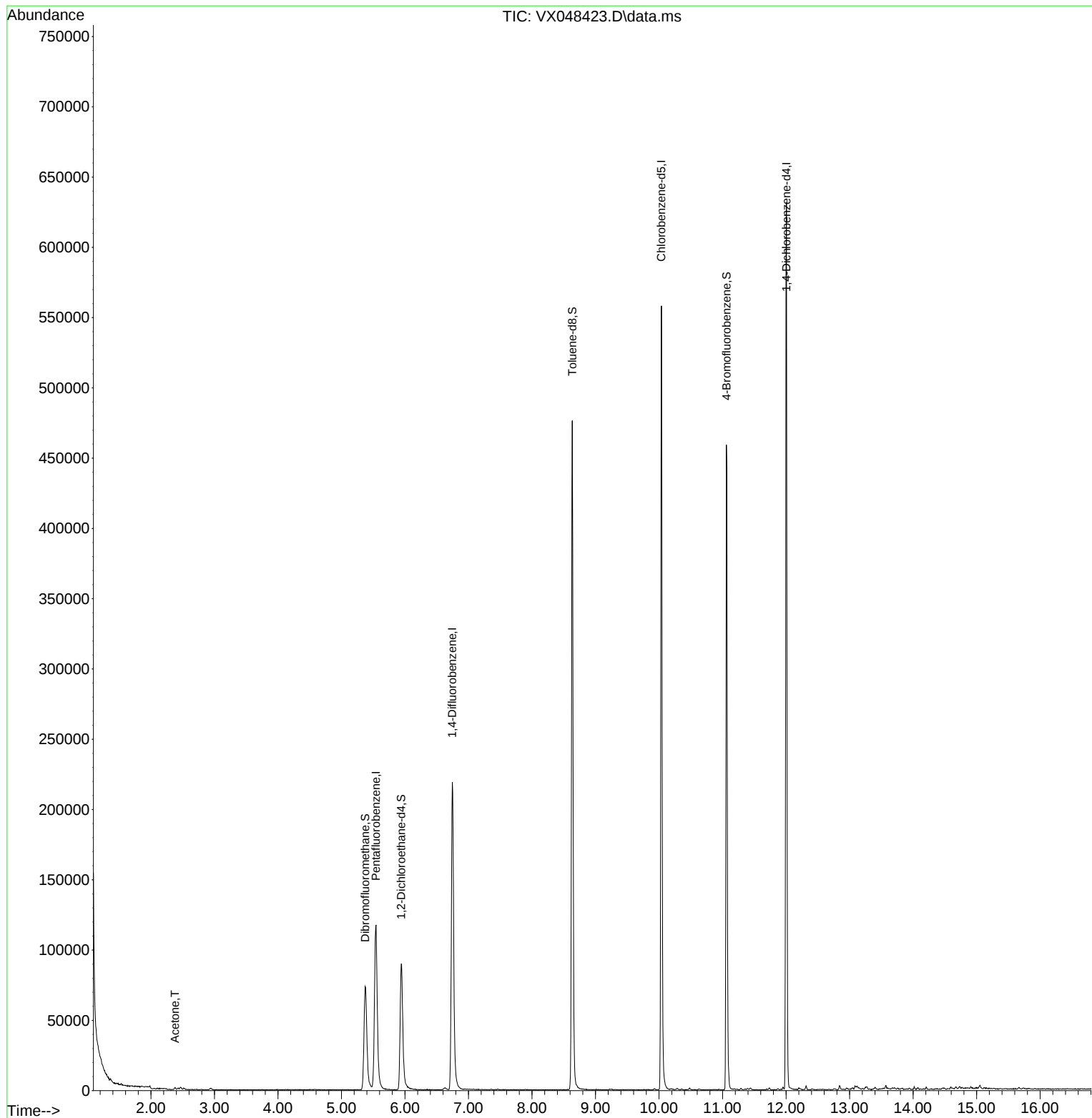
Internal Standards						
1) Pentafluorobenzene	5.544	168	120387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100604	58.107	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.220%
35) Dibromofluoromethane	5.373	113	74641	53.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.120%
50) Toluene-d8	8.635	98	305059	49.127	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.061	95	134623	57.954	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.900%
Target Compounds						
16) Acetone	2.380	43	1771	4.513	ug/l	Qvalue 89

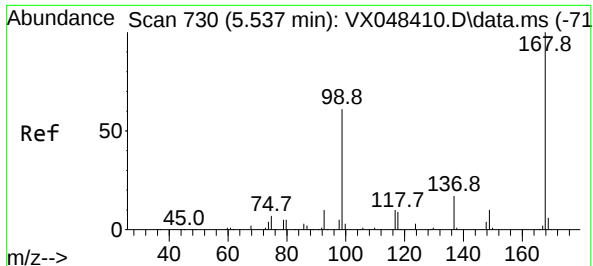
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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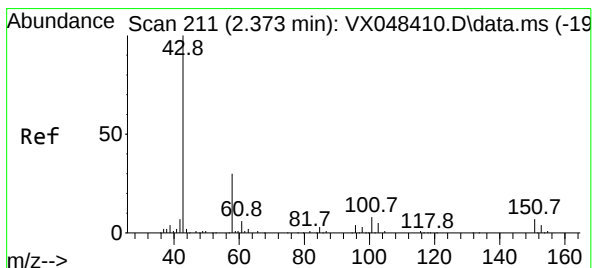
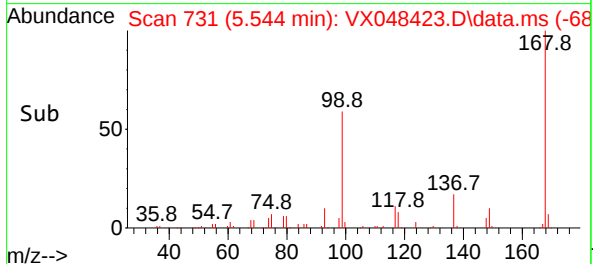
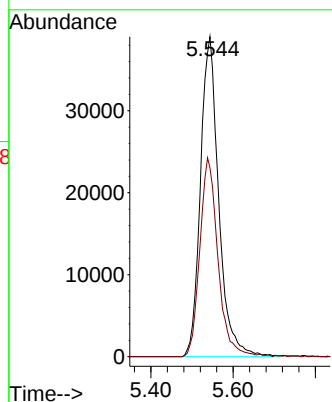
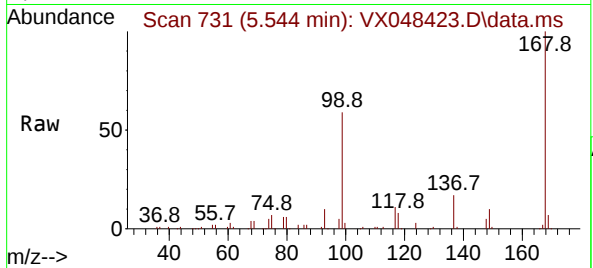




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

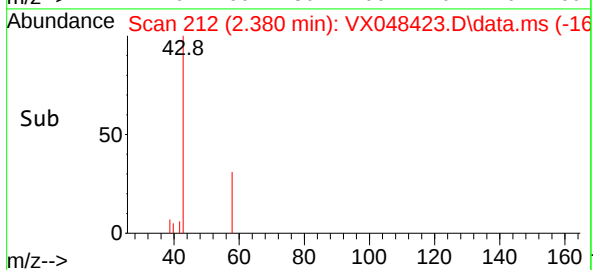
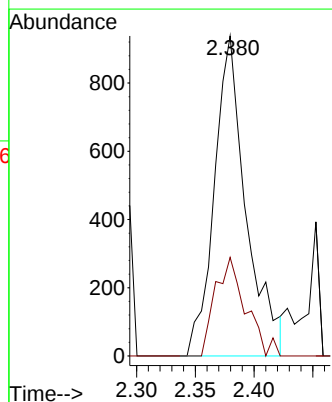
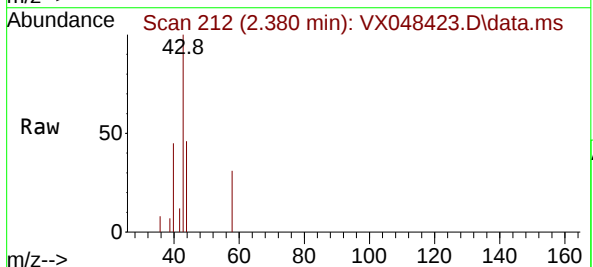
Instrument :
MSVOA_X
ClientSampleId :
463

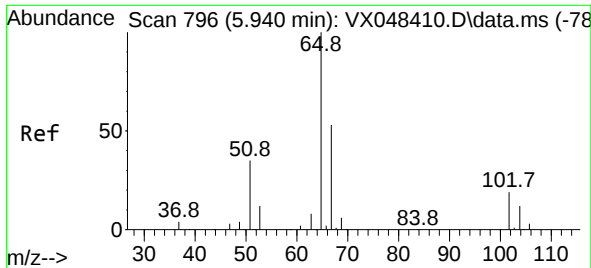
Tgt Ion:168 Resp: 120387
Ion Ratio Lower Upper
168 100
99 59.0 46.4 69.6



#16
Acetone
Concen: 4.513 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
58 35.2 23.4 35.2

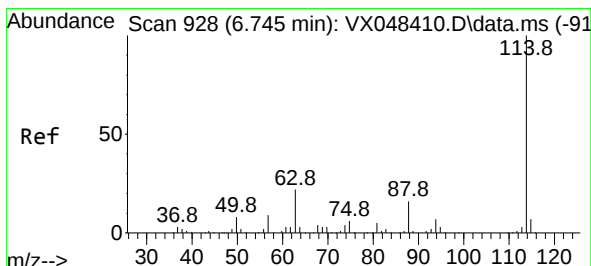
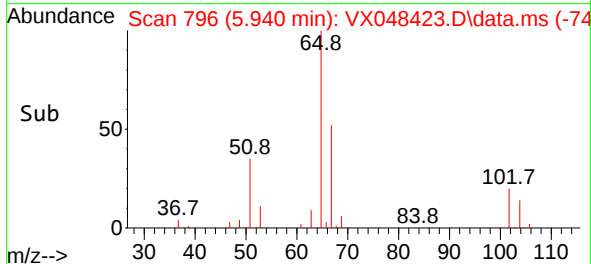
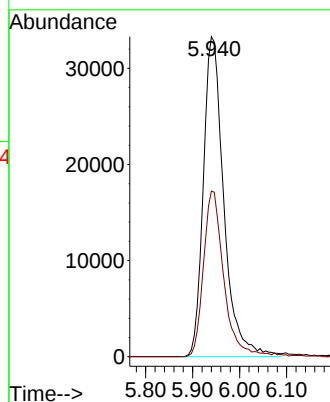
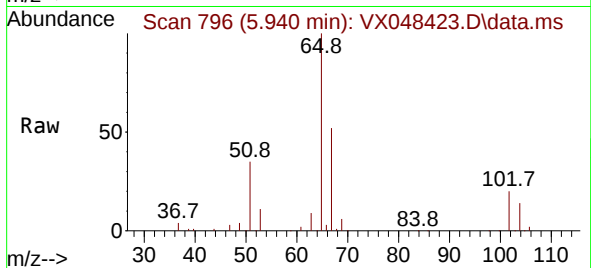




#33
 1,2-Dichloroethane-d4
 Concen: 58.107 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048423.D
 Acq: 31 Oct 2025 12:02

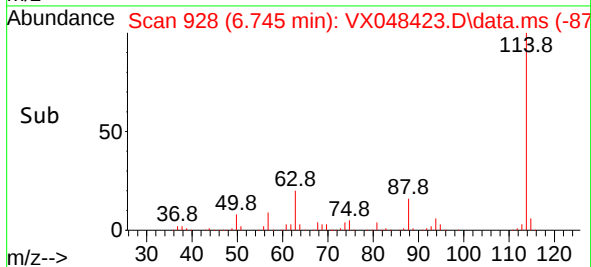
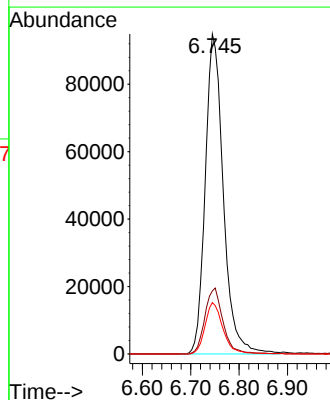
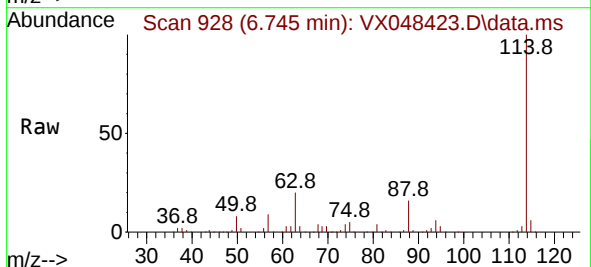
Instrument :
 MSVOA_X
 ClientSampleId :
 463

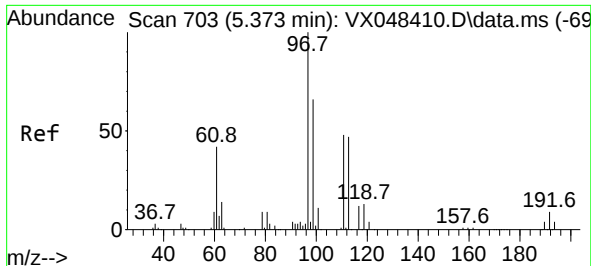
Tgt Ion: 65 Resp: 100604
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048423.D
 Acq: 31 Oct 2025 12:02

Tgt Ion: 114 Resp: 246735
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 16.0 0.0 33.6

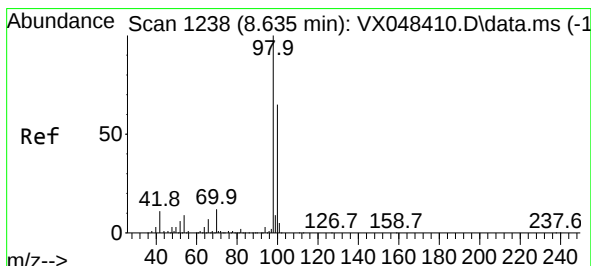
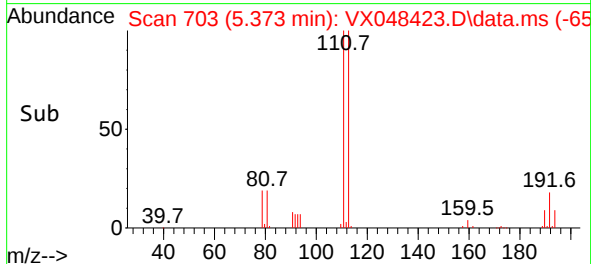
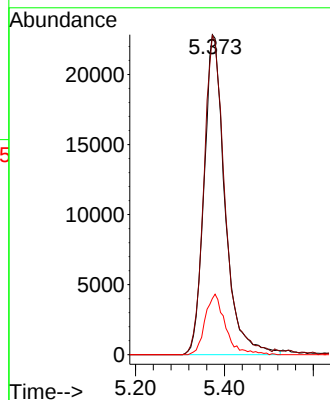
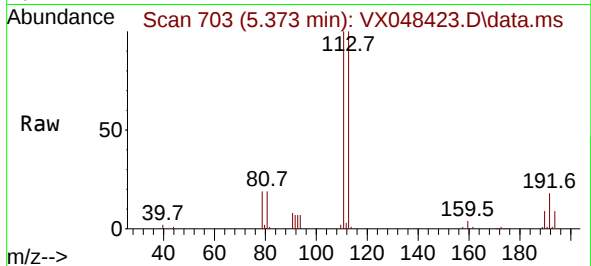




#35
Dibromofluoromethane
Concen: 53.060 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

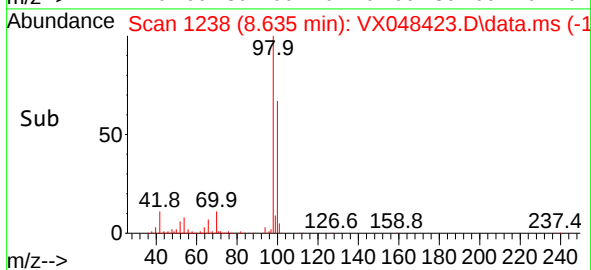
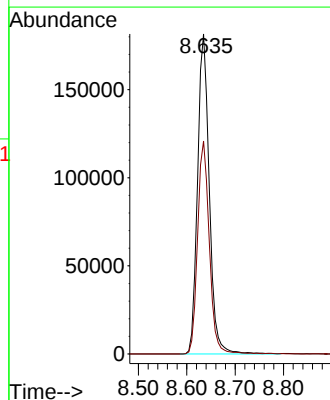
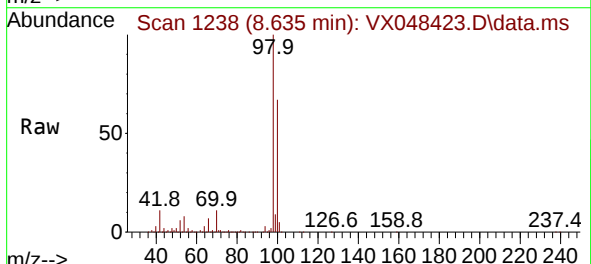
Instrument :
MSVOA_X
ClientSampleId :
463

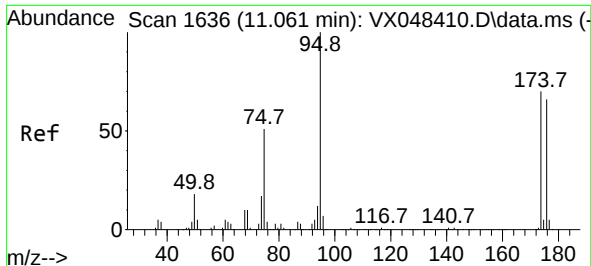
Tgt Ion:113 Resp: 74641
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 18.6 15.1 22.7



#50
Toluene-d8
Concen: 49.127 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

Tgt Ion: 98 Resp: 305059
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

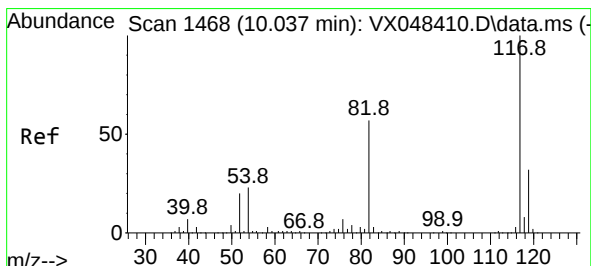
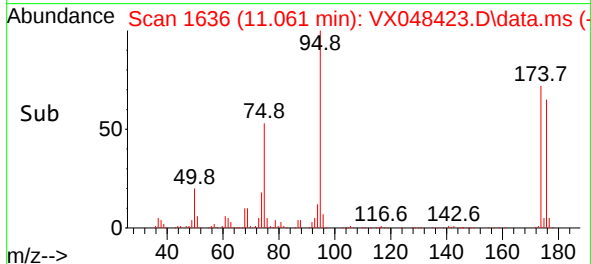
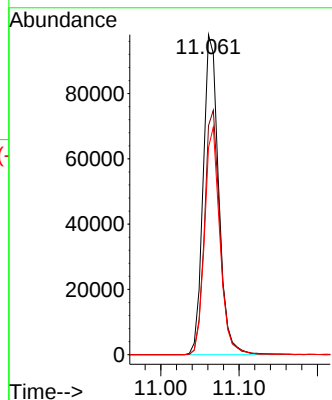
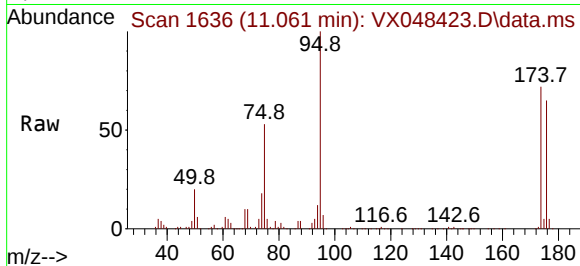




#62
4-Bromofluorobenzene
Concen: 57.954 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

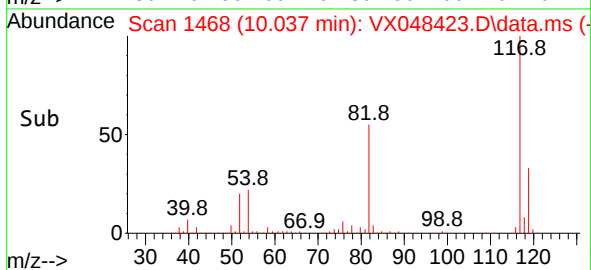
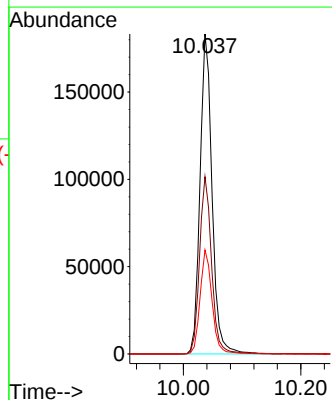
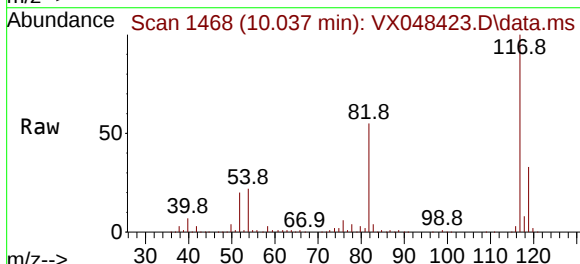
Instrument :
MSVOA_X
ClientSampleId :
463

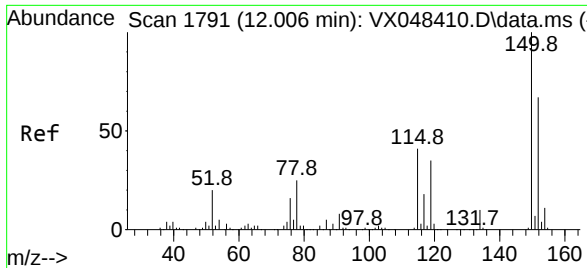
Tgt Ion: 95 Resp: 134623
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.8
176 70.5 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

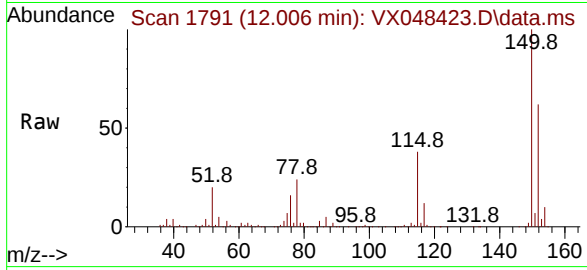
Tgt Ion: 117 Resp: 260704
Ion Ratio Lower Upper
117 100
82 55.4 46.5 69.7
119 32.5 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048423.D
Acq: 31 Oct 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
463



Tgt Ion:152 Resp: 134789
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 159.5 0.0 353.0

