

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048426.D
 Acq On : 31 Oct 2025 13:04
 Operator : JC/MD
 Sample : Q3494-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Field

Quant Time: Oct 31 23:04:21 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)

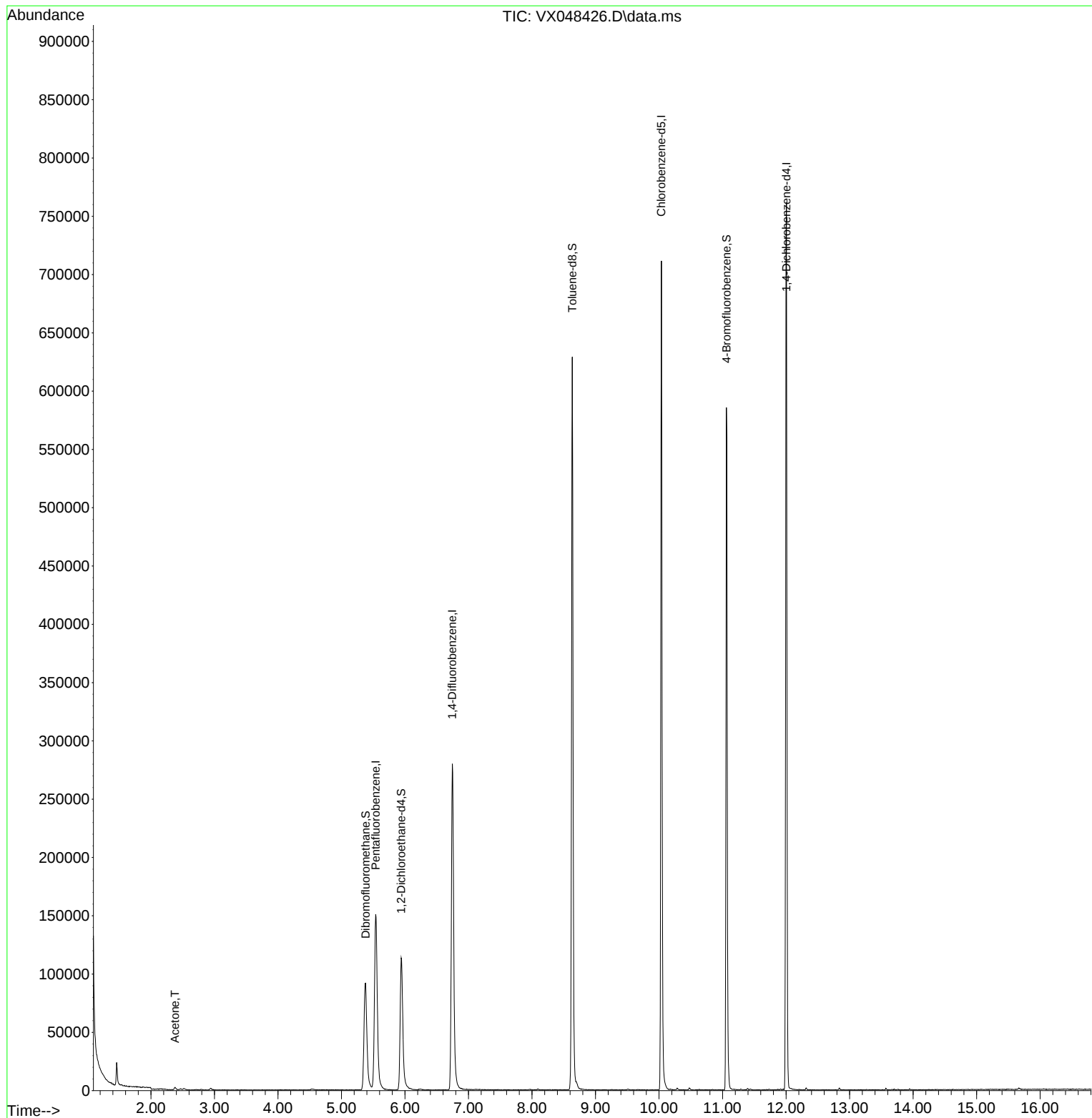
Internal Standards						
1) Pentafluorobenzene	5.538	168	158807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	321644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	335954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	168431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124876	54.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.360%	
35) Dibromofluoromethane	5.379	113	93588	51.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	8.635	98	389545	48.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	11.061	95	172045	56.815	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.640%	
Target Compounds						
16) Acetone	2.380	43	2769	5.349	ug/l	Qvalue # 86

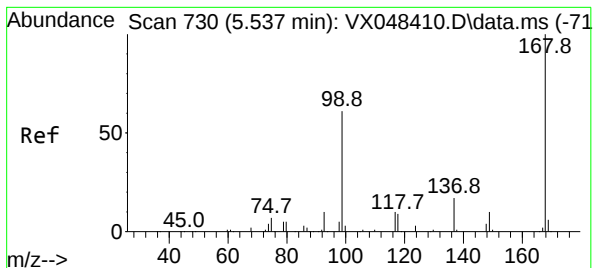
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX048426.D

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Instrument :

MSVOA_X

ClientSampleId :

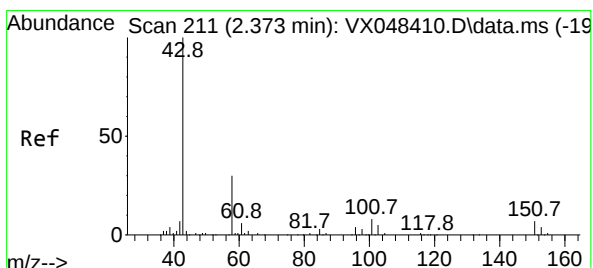
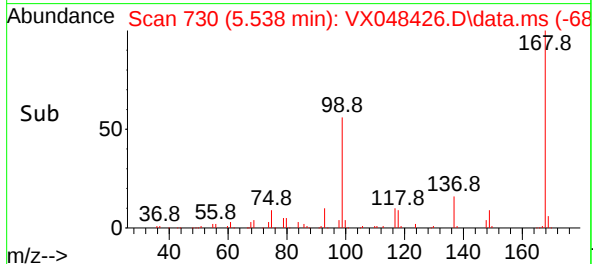
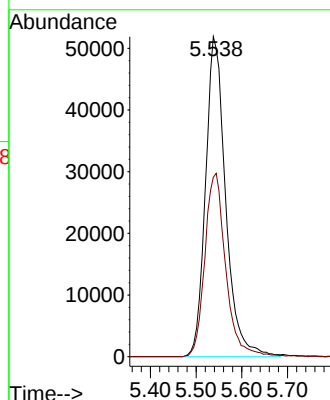
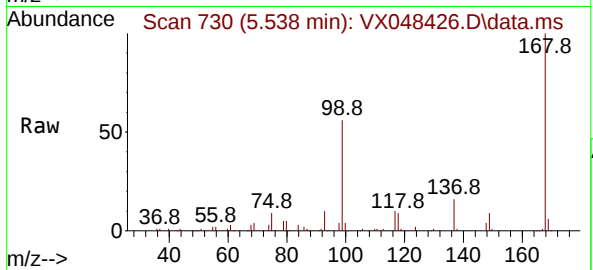
Field

Tgt Ion:168 Resp: 158807

Ion Ratio Lower Upper

168 100

99 56.1 46.4 69.6



#16

Acetone

Concen: 5.349 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX048426.D

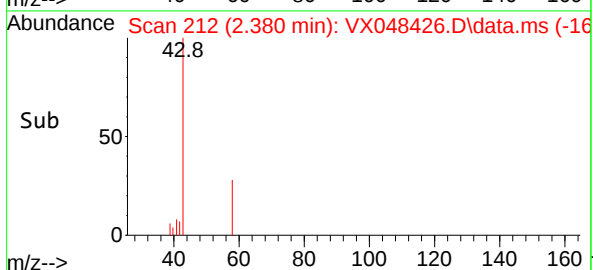
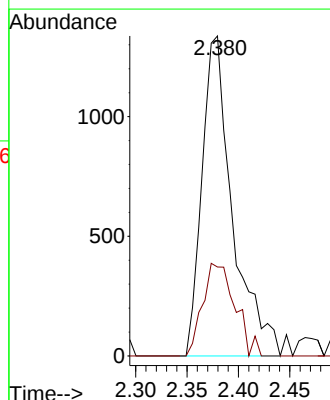
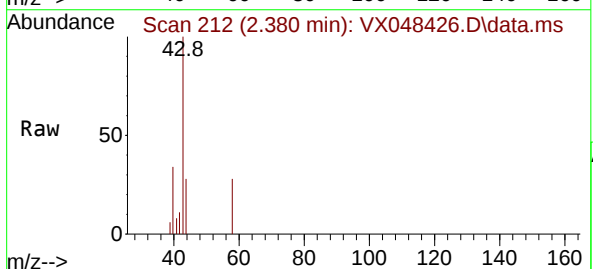
Acq: 31 Oct 2025 13:04

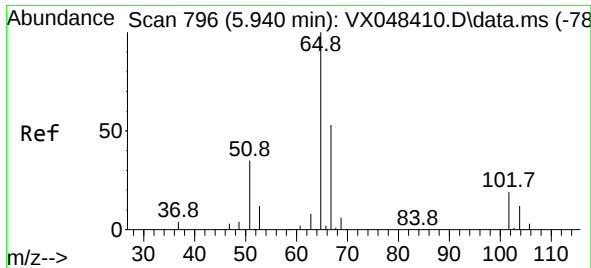
Tgt Ion: 43 Resp: 2769

Ion Ratio Lower Upper

43 100

58 21.7 23.4 35.2#

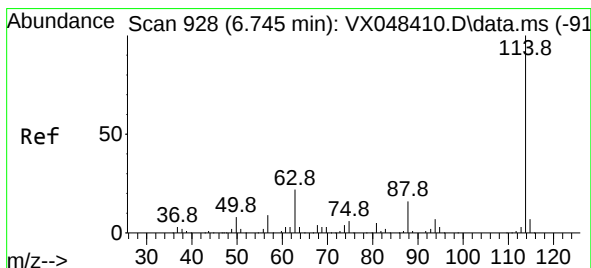
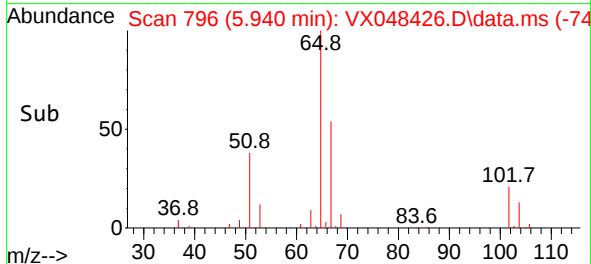
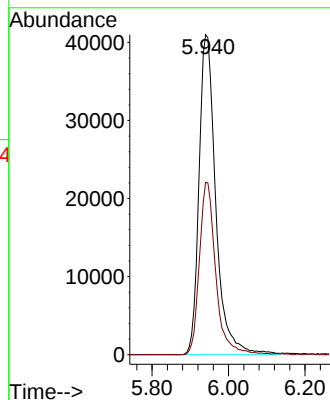
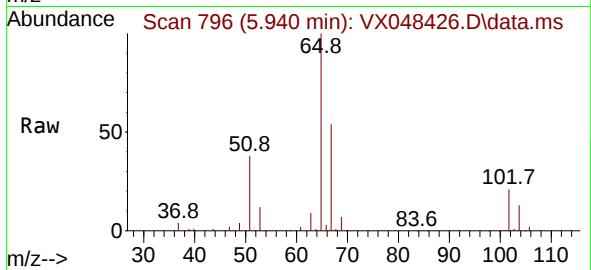




#33
 1,2-Dichloroethane-d4
 Concen: 54.677 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048426.D
 Acq: 31 Oct 2025 13:04

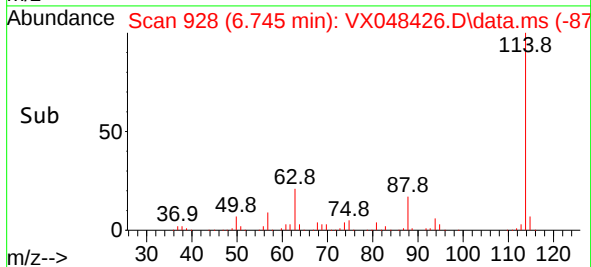
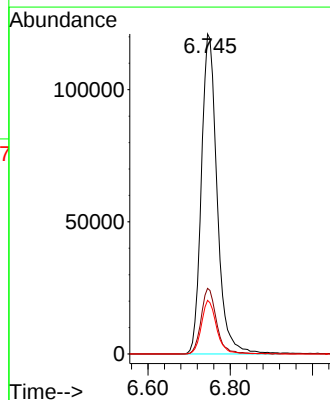
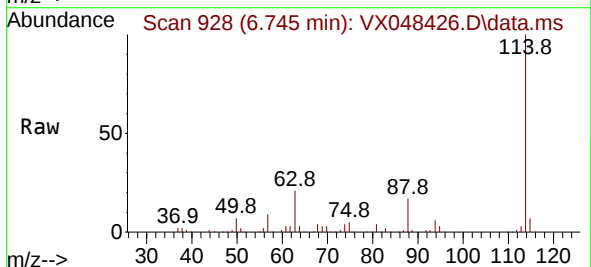
Instrument :
 MSVOA_X
 ClientSampleId :
 Field

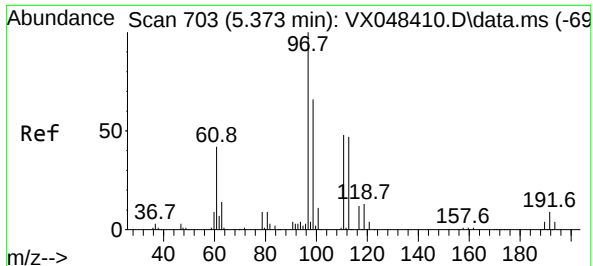
Tgt Ion: 65 Resp: 124876
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048426.D
 Acq: 31 Oct 2025 13:04

Tgt Ion: 114 Resp: 321644
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.035 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048426.D

Acq: 31 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

Field

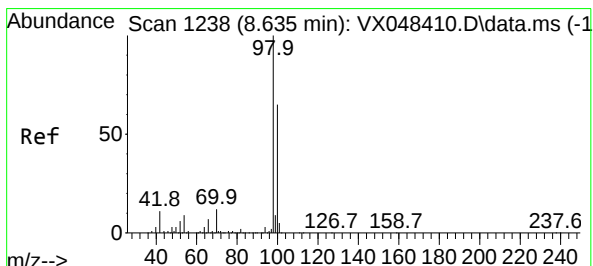
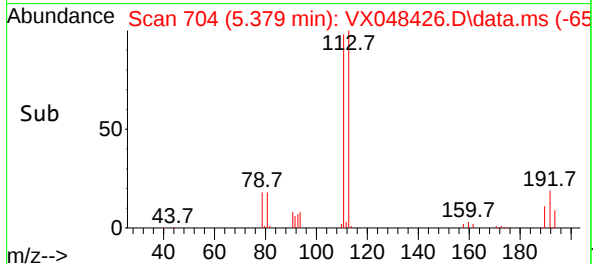
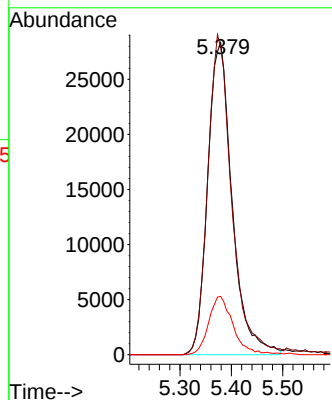
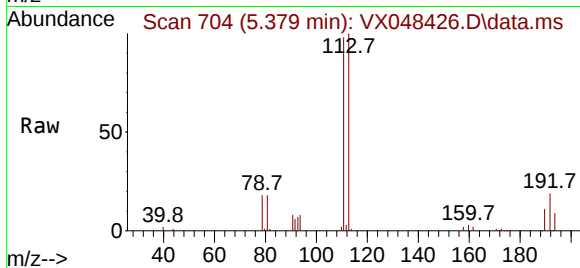
Tgt Ion:113 Resp: 93588

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 18.8 15.1 22.7



#50

Toluene-d8

Concen: 48.122 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048426.D

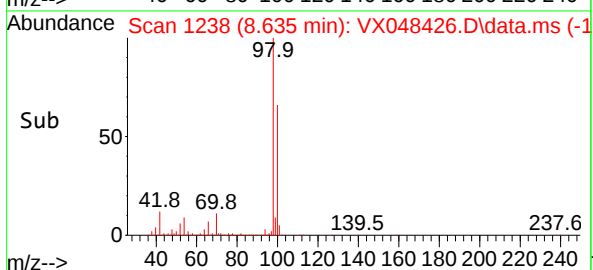
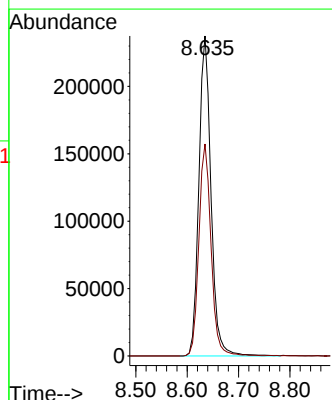
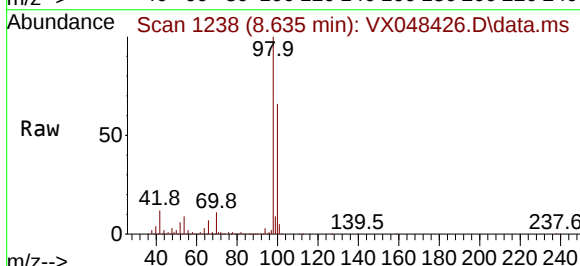
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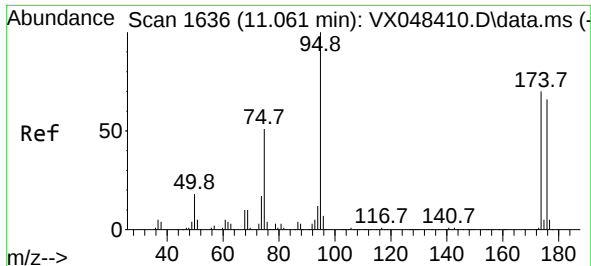
Tgt Ion: 98 Resp: 389545

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

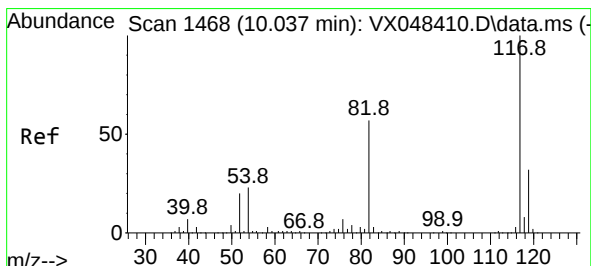
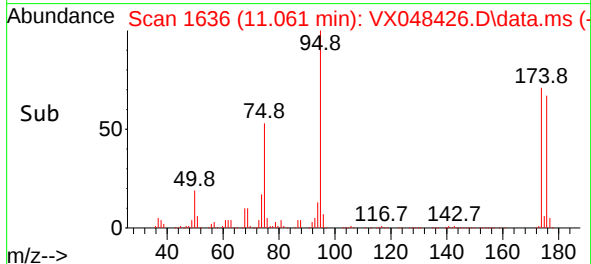
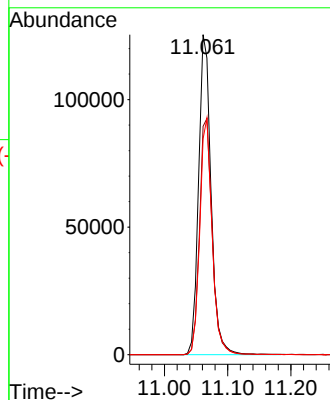
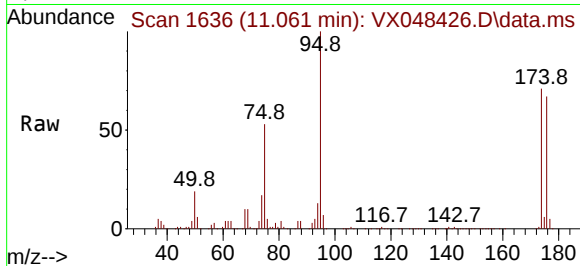




#62
4-Bromofluorobenzene
Concen: 56.815 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

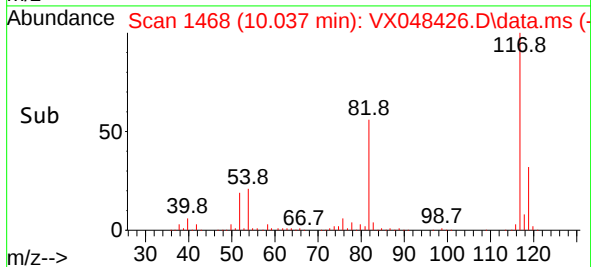
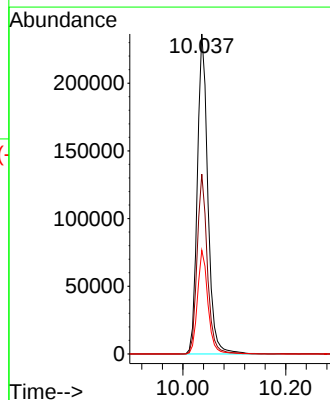
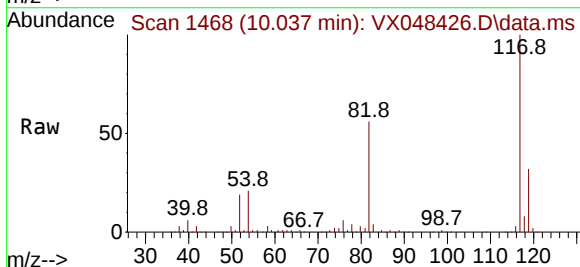
Instrument :
MSVOA_X
ClientSampleId :
Field

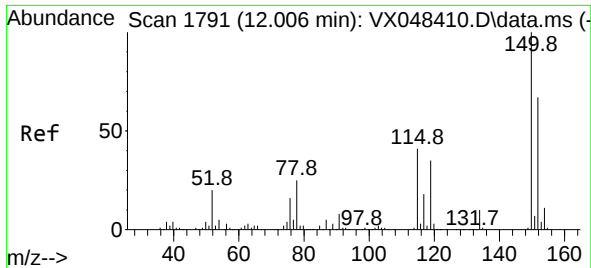
Tgt Ion: 95 Resp: 172045
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.8
176 73.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

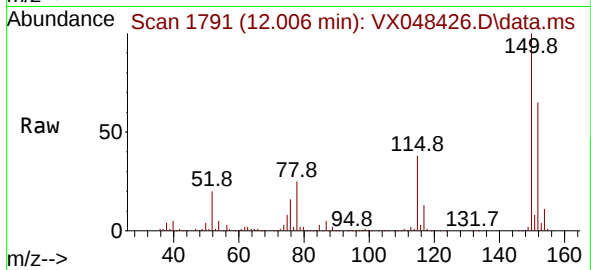
Tgt Ion: 117 Resp: 335954
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 32.4 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
Field



Tgt Ion:152 Resp: 168431
Ion Ratio Lower Upper
152 100
115 60.8 43.1 129.4
150 157.3 0.0 353.0

