

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046850.D
 Acq On : 01 Jul 2025 11:23
 Operator : JC/MD
 Sample : Q2460-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Jul 02 01:40:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

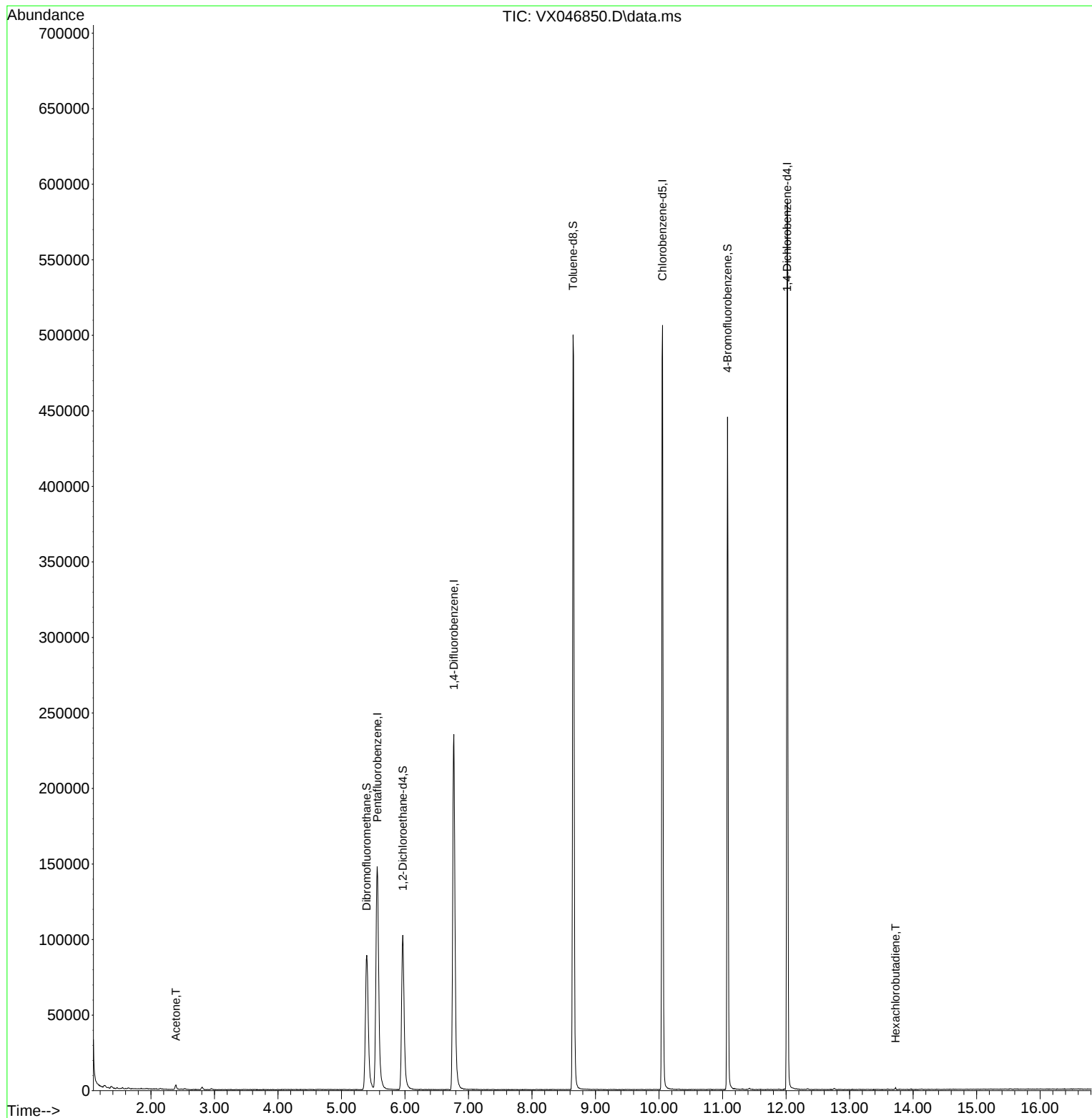
Internal Standards						
1) Pentafluorobenzene	5.562	168	154960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105776	49.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	5.397	113	86830	50.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	8.647	98	315776	51.473	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	120601	52.737	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.480%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3704	5.182	ug/l	90
94) Hexachlorobutadiene	13.725	225	298	0.254	ug/l	82

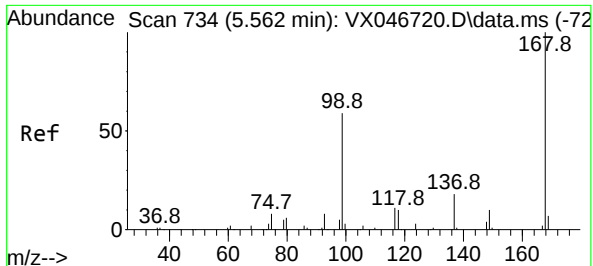
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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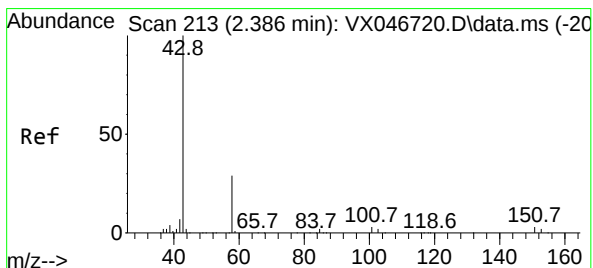
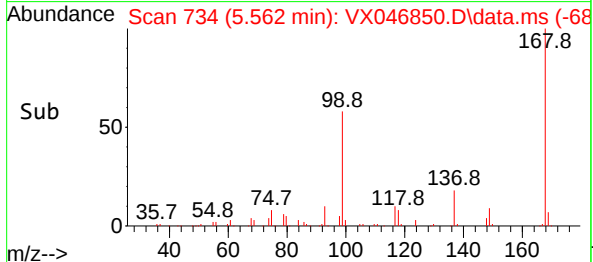
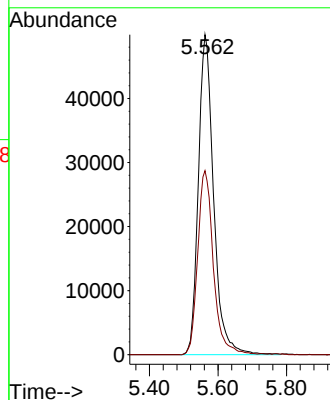
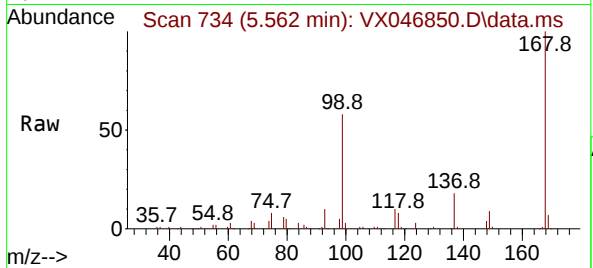




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

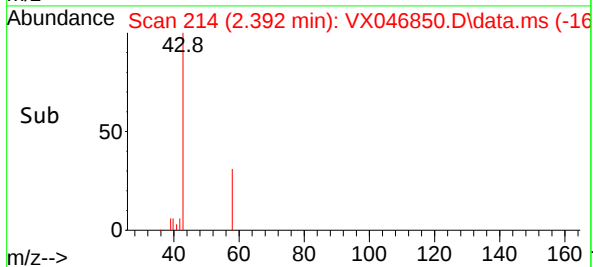
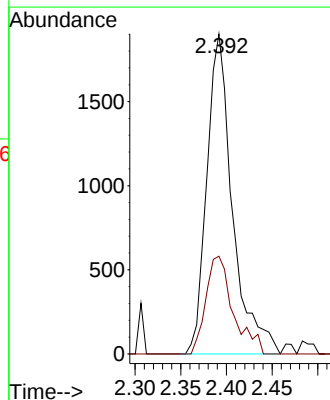
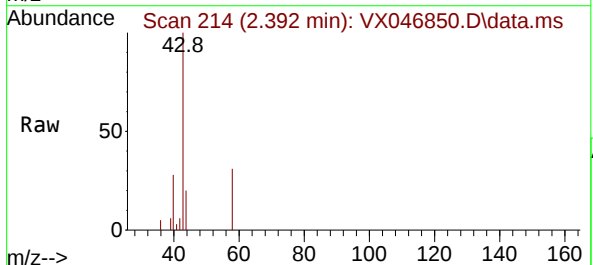
Instrument :
MSVOA_X
ClientSampleId :
SW-1

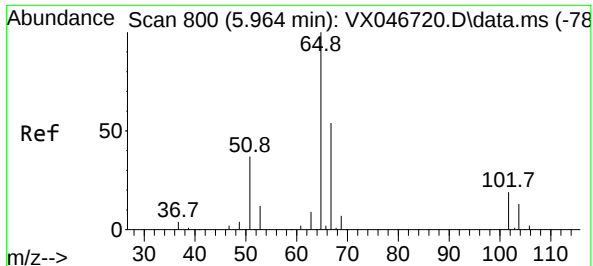
Tgt Ion:168 Resp: 154960
Ion Ratio Lower Upper
168 100
99 57.5 48.5 72.7



#16
Acetone
Concen: 5.182 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Tgt Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
58 25.4 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 49.350 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046850.D

Acq: 01 Jul 2025 11:23

Instrument :

MSVOA_X

ClientSampleId :

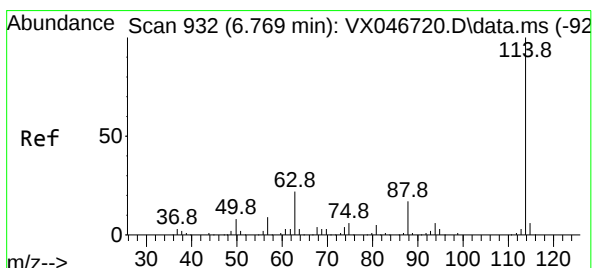
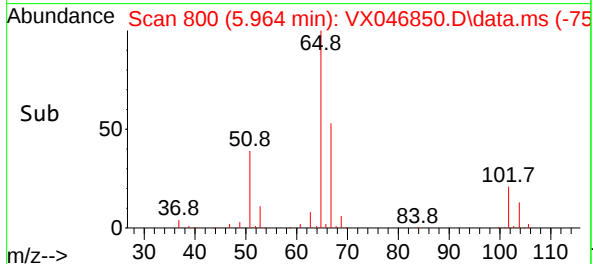
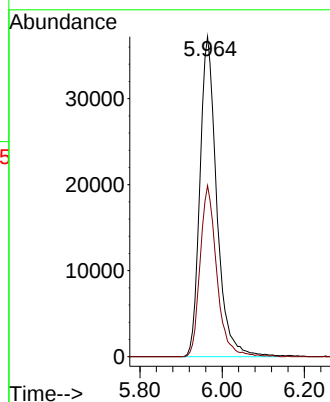
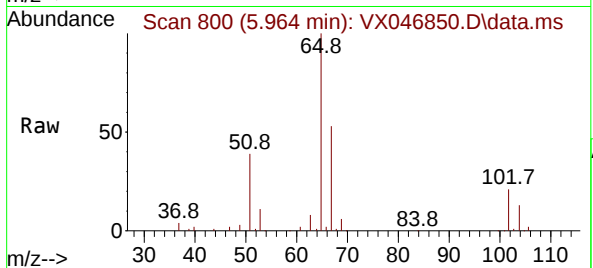
SW-1

Tgt Ion: 65 Resp: 105776

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046850.D

Acq: 01 Jul 2025 11:23

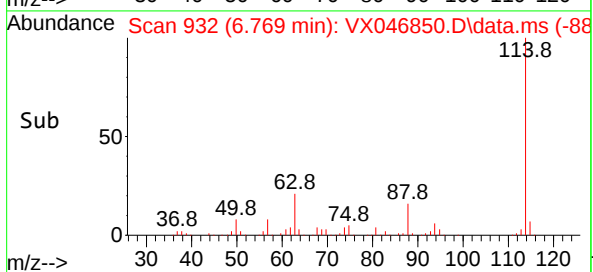
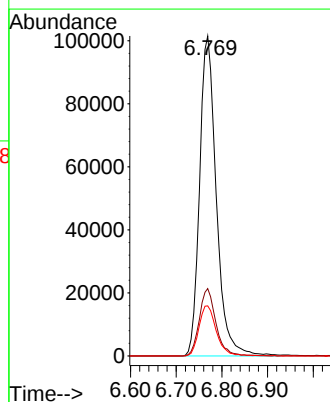
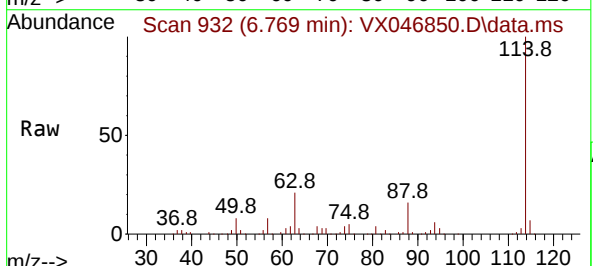
Tgt Ion: 114 Resp: 258078

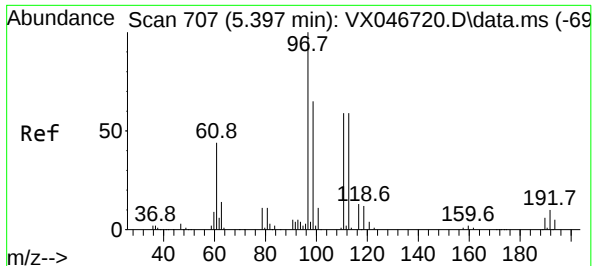
Ion Ratio Lower Upper

114 100

63 24.0 0.0 44.2

88 15.7 0.0 33.2

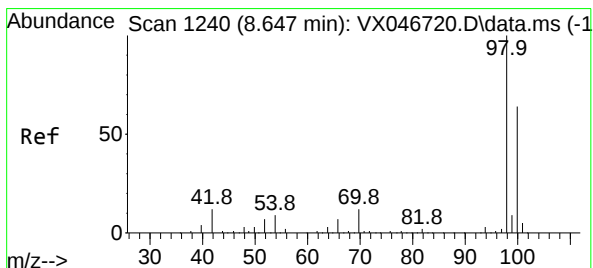
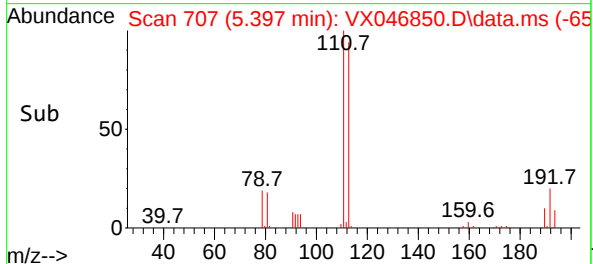
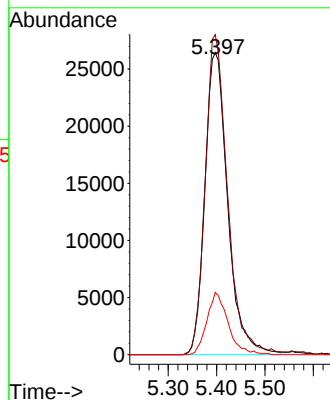
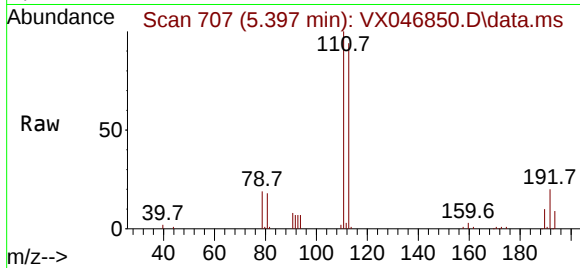




#35
Dibromofluoromethane
Concen: 50.851 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

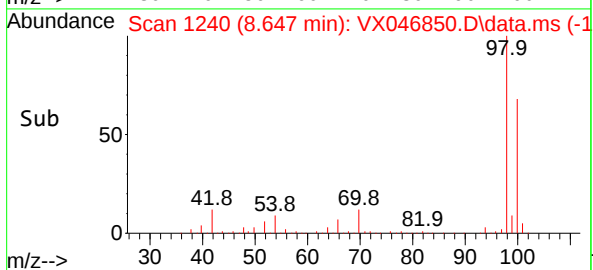
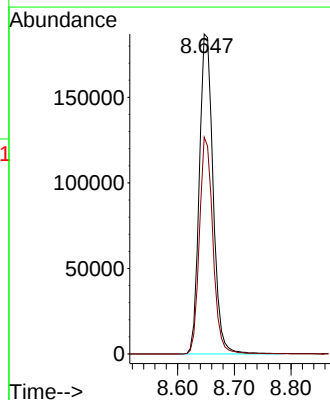
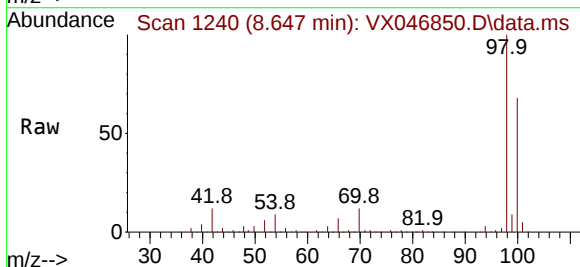
Instrument :
MSVOA_X
ClientSampleId :
SW-1

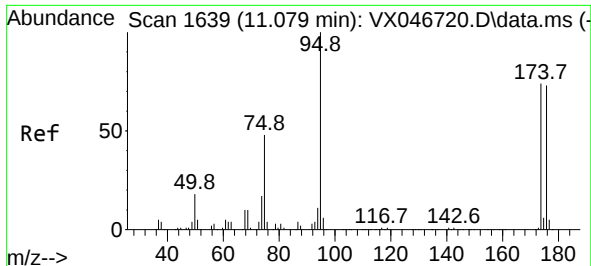
Tgt Ion:113 Resp: 86830
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 19.2 15.3 22.9



#50
Toluene-d8
Concen: 51.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Tgt Ion: 98 Resp: 315776
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

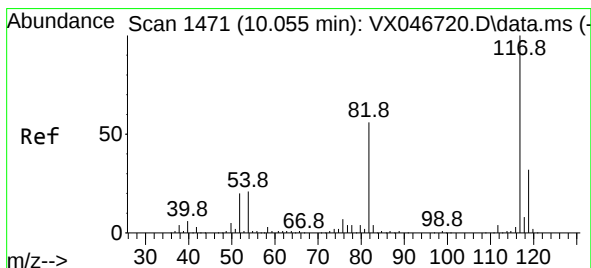
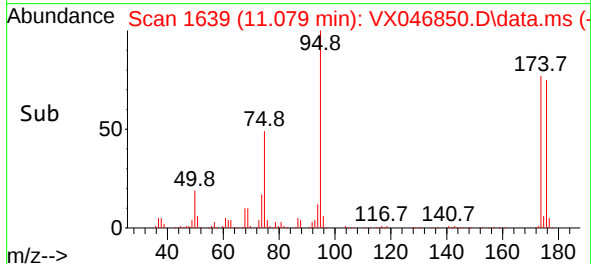
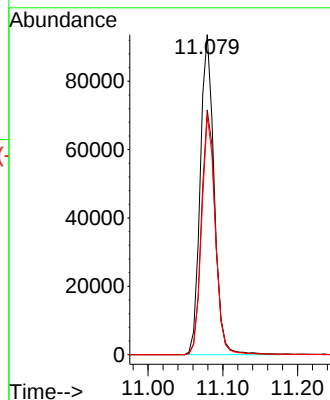
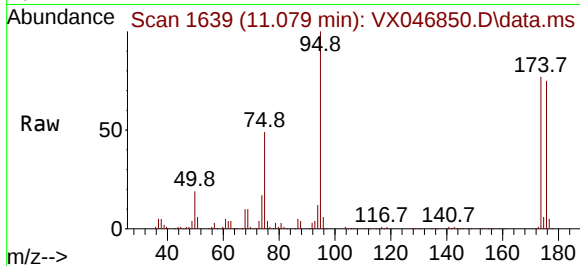




#62
4-Bromofluorobenzene
Concen: 52.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

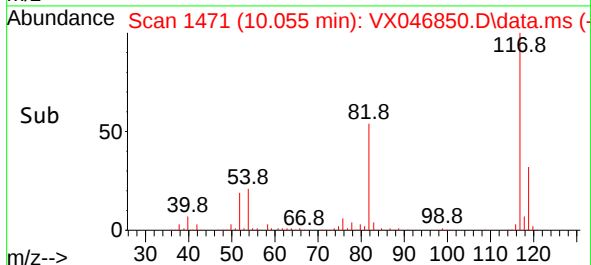
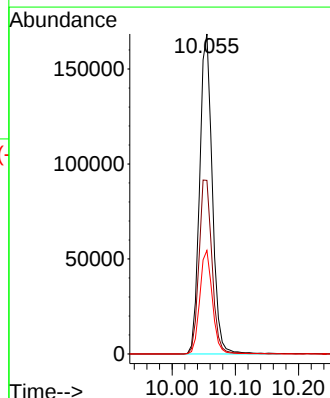
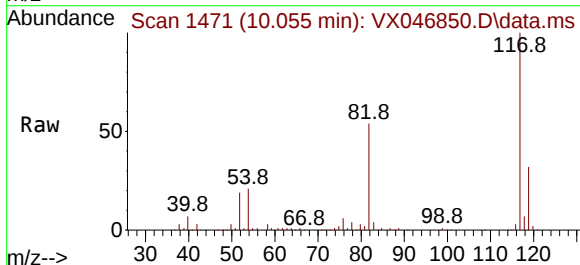
Instrument :
MSVOA_X
ClientSampleId :
SW-1

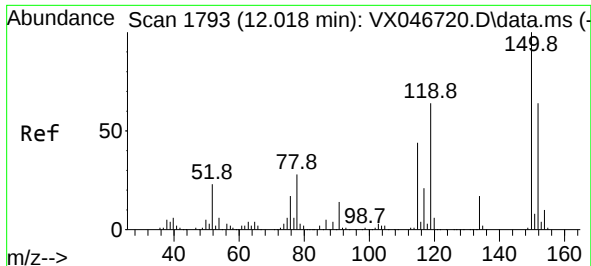
Tgt Ion: 95 Resp: 120601
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.4
176 73.8 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Tgt Ion: 117 Resp: 234841
Ion Ratio Lower Upper
117 100
82 54.2 44.6 66.8
119 32.4 25.8 38.8

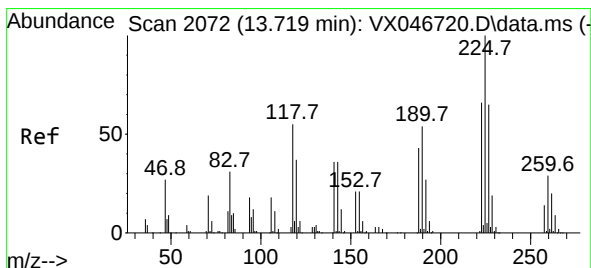
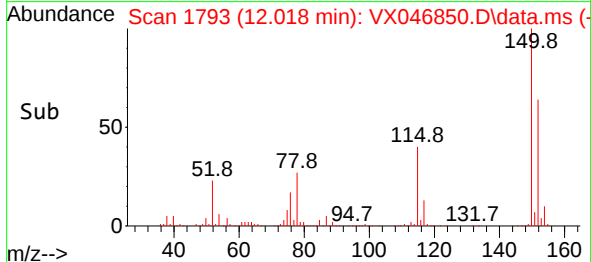
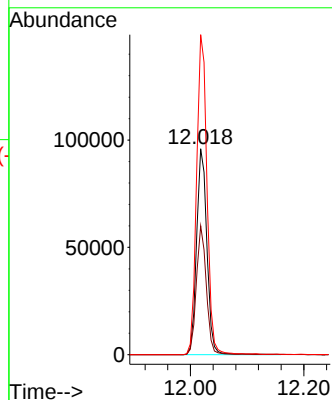
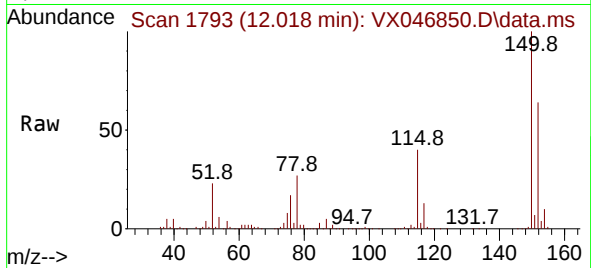




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046850.D
 Acq: 01 Jul 2025 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Tgt Ion:152 Resp: 121368
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.2 129.6
 150 156.5 0.0 346.8



#94
 Hexachlorobutadiene
 Concen: 0.254 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX046850.D
 Acq: 01 Jul 2025 11:23

Tgt Ion:225 Resp: 298
 Ion Ratio Lower Upper
 225 100
 223 48.3 32.5 97.5
 227 53.4 32.2 96.6

