

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048293.D
 Acq On : 22 Oct 2025 13:25
 Operator : JC/MD
 Sample : Q3403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-18

Quant Time: Oct 24 05:53:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

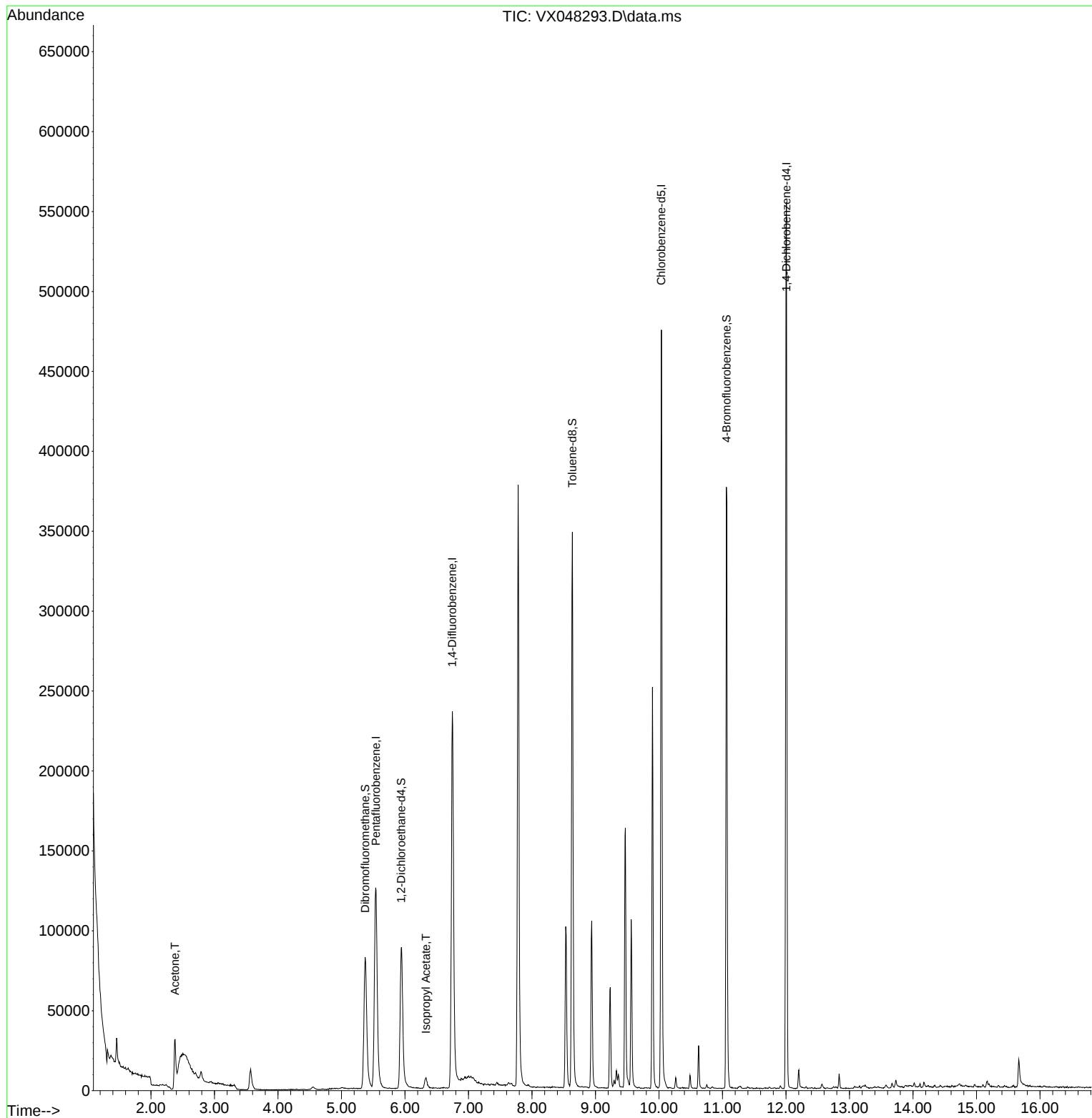
Internal Standards						
1) Pentafluorobenzene	5.544	168	130801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	256114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	225488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97488	53.158	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.320%
35) Dibromofluoromethane	5.373	113	81404	46.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.635	98	217681	35.519	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	71.040%#
62) 4-Bromofluorobenzene	11.061	95	110780	47.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						Qvalue
16) Acetone	2.380	43	41641	66.187	ug/l	97
43) Isopropyl Acetate	6.330	43	9321	2.755	ug/l	94

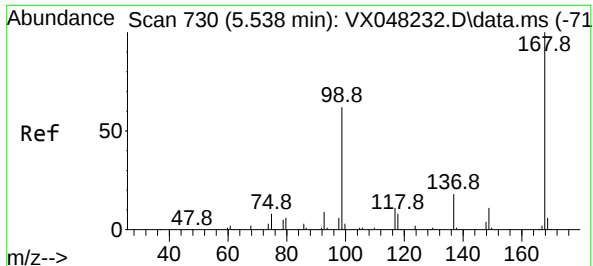
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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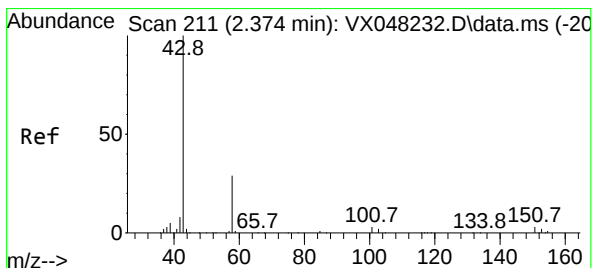
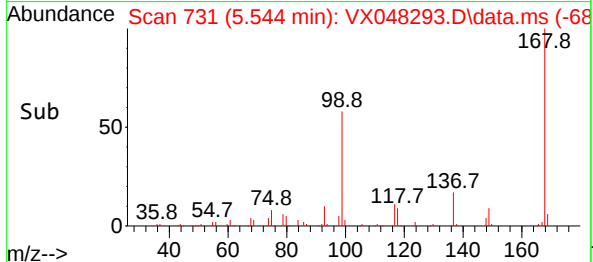
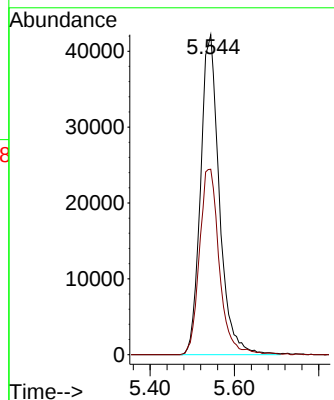
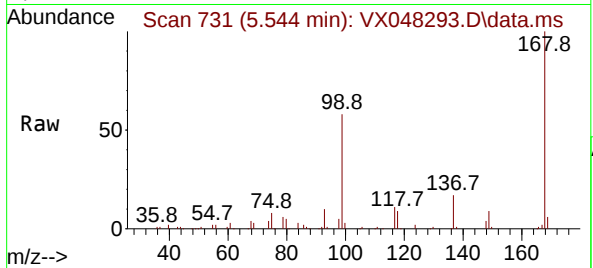




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

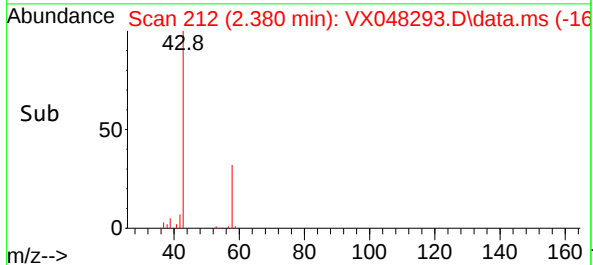
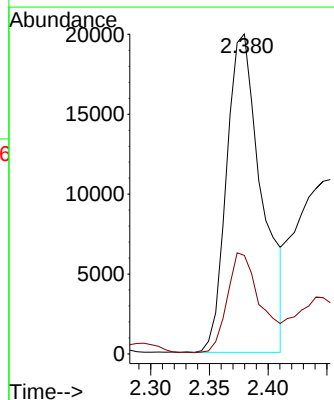
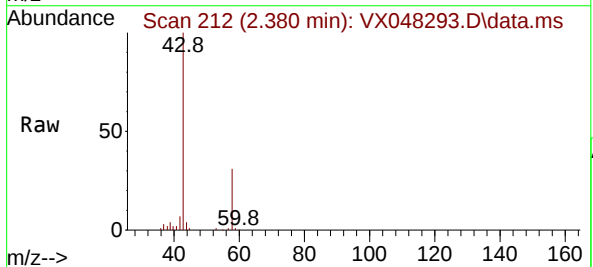
Instrument :
MSVOA_X
ClientSampleId :
MH-18

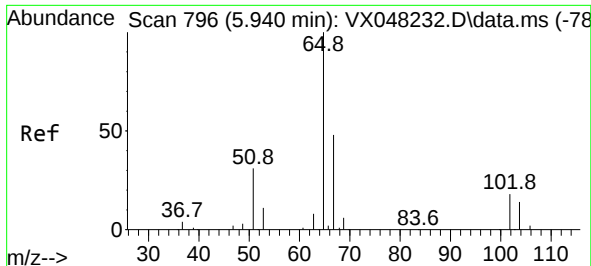
Tgt Ion:168 Resp: 130801
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#16
Acetone
Concen: 66.187 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

Tgt Ion: 43 Resp: 41641
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.2

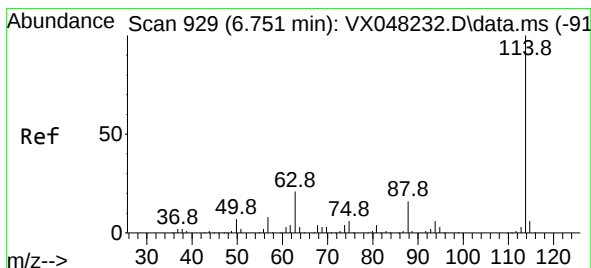
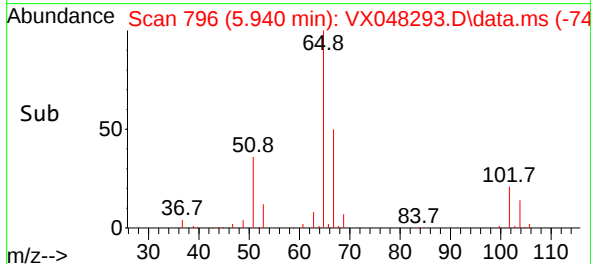
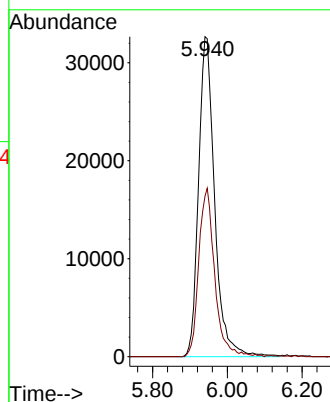
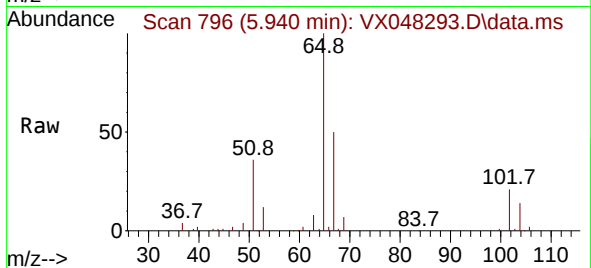




#33
 1,2-Dichloroethane-d4
 Concen: 53.158 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048293.D
 Acq: 22 Oct 2025 13:25

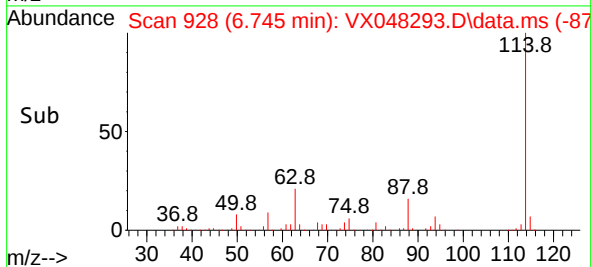
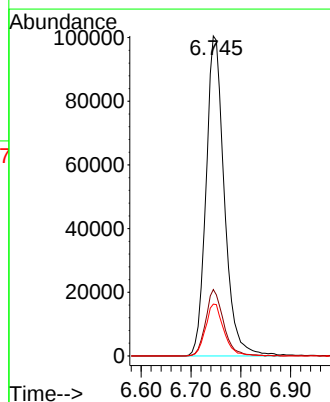
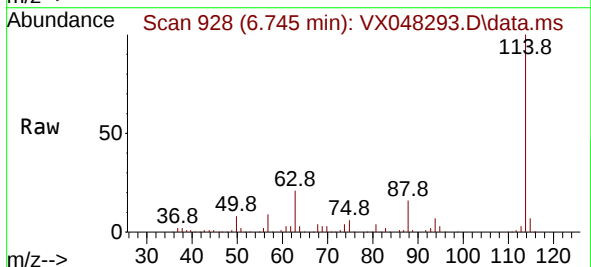
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-18

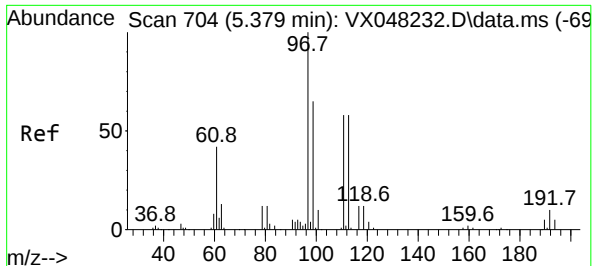
Tgt Ion: 65 Resp: 97488
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048293.D
 Acq: 22 Oct 2025 13:25

Tgt Ion: 114 Resp: 256114
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 16.2 0.0 33.6

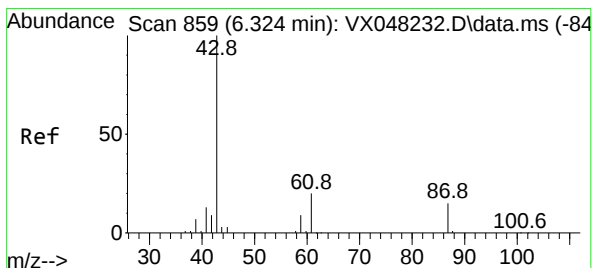
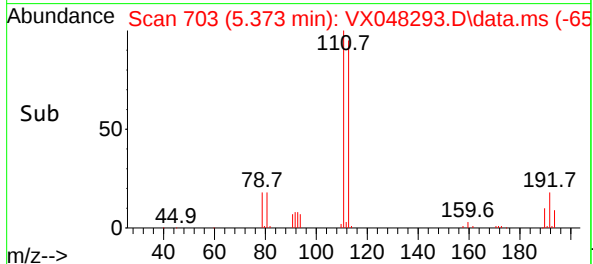
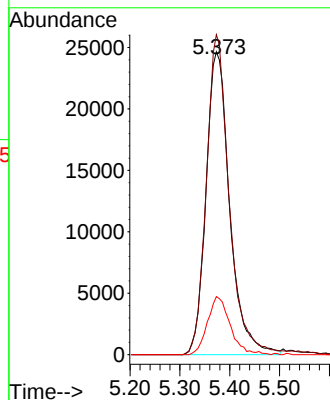
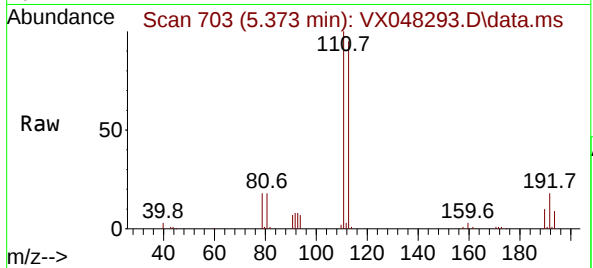




#35
Dibromofluoromethane
Concen: 46.557 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

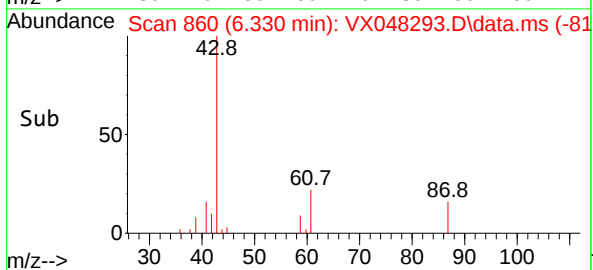
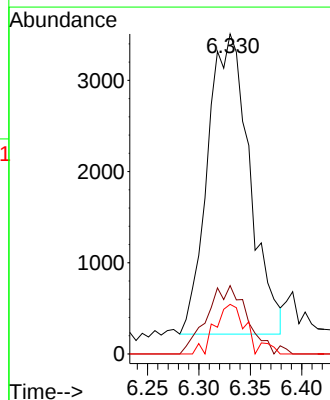
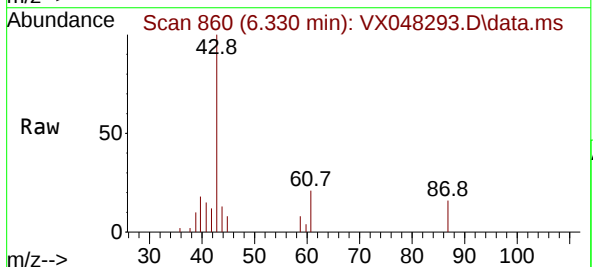
Instrument :
MSVOA_X
ClientSampleId :
MH-18

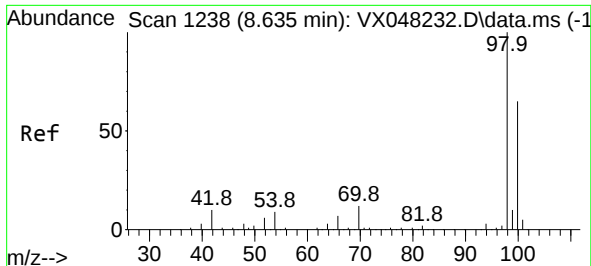
Tgt Ion:113 Resp: 81404
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.4 15.1 22.7



#43
Isopropyl Acetate
Concen: 2.755 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

Tgt Ion: 43 Resp: 9321
Ion Ratio Lower Upper
43 100
61 22.3 14.9 22.3
87 12.3 9.4 14.2

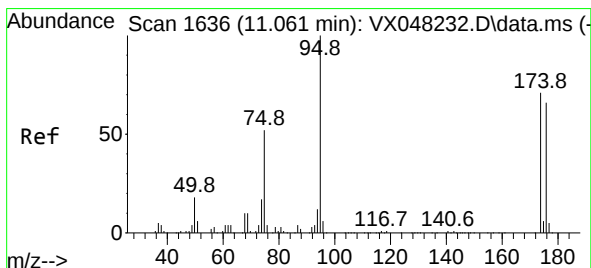
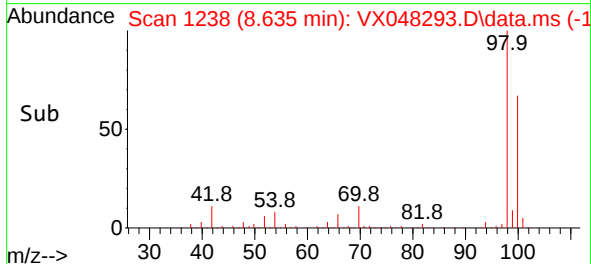
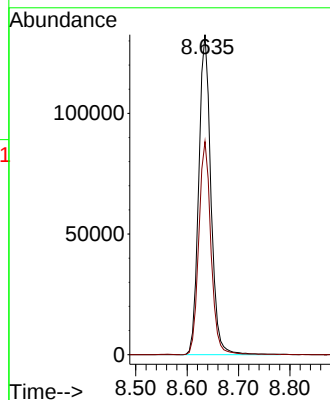
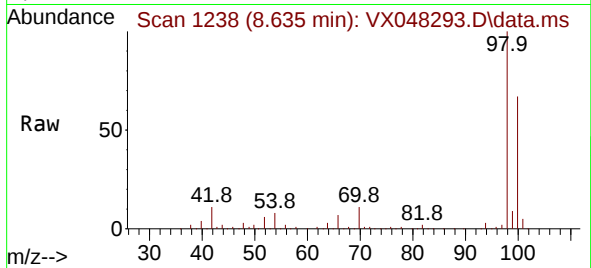




#50
Toluene-d8
Concen: 35.519 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

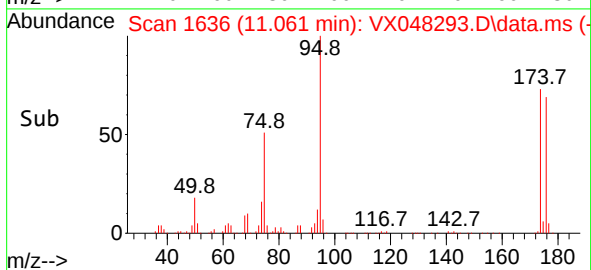
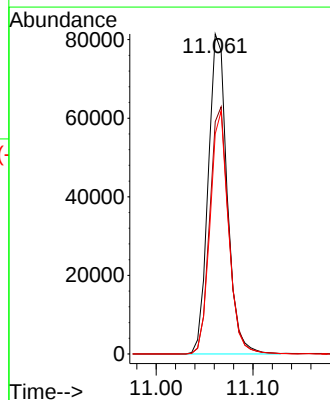
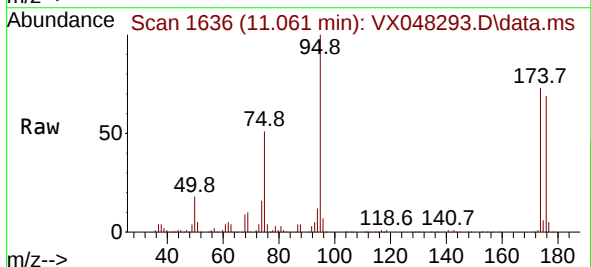
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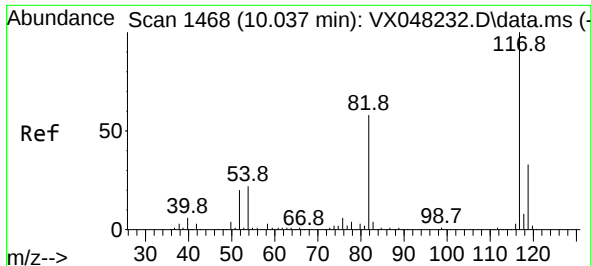
Tgt Ion: 98 Resp: 217681
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.515 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

Tgt Ion: 95 Resp: 110780
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.8
176 74.1 0.0 142.8

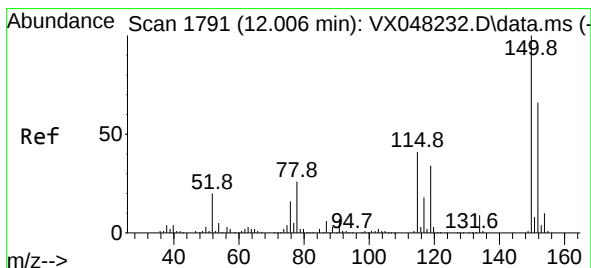
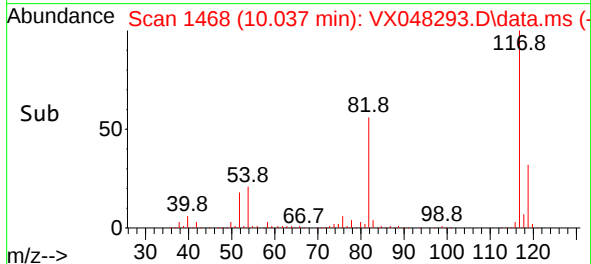
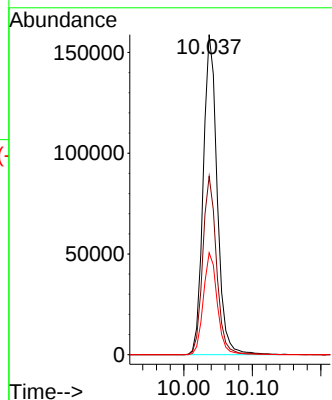
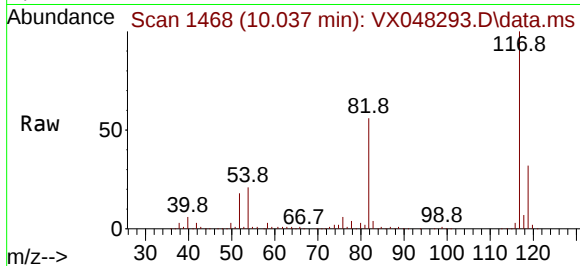




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048293.D
Acq: 22 Oct 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
MH-18

Tgt Ion:117 Resp: 225488
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 31.8 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: VX048293.D
Acq: 22 Oct 2025 13:25

Tgt Ion:152 Resp: 125813
Ion Ratio Lower Upper
152 100
115 60.0 43.1 129.4
150 155.1 0.0 353.0

