

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047472.D
 Acq On : 21 Aug 2025 15:53
 Operator : JC/MD
 Sample : Q2903-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A-081925

Quant Time: Aug 22 03:49:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

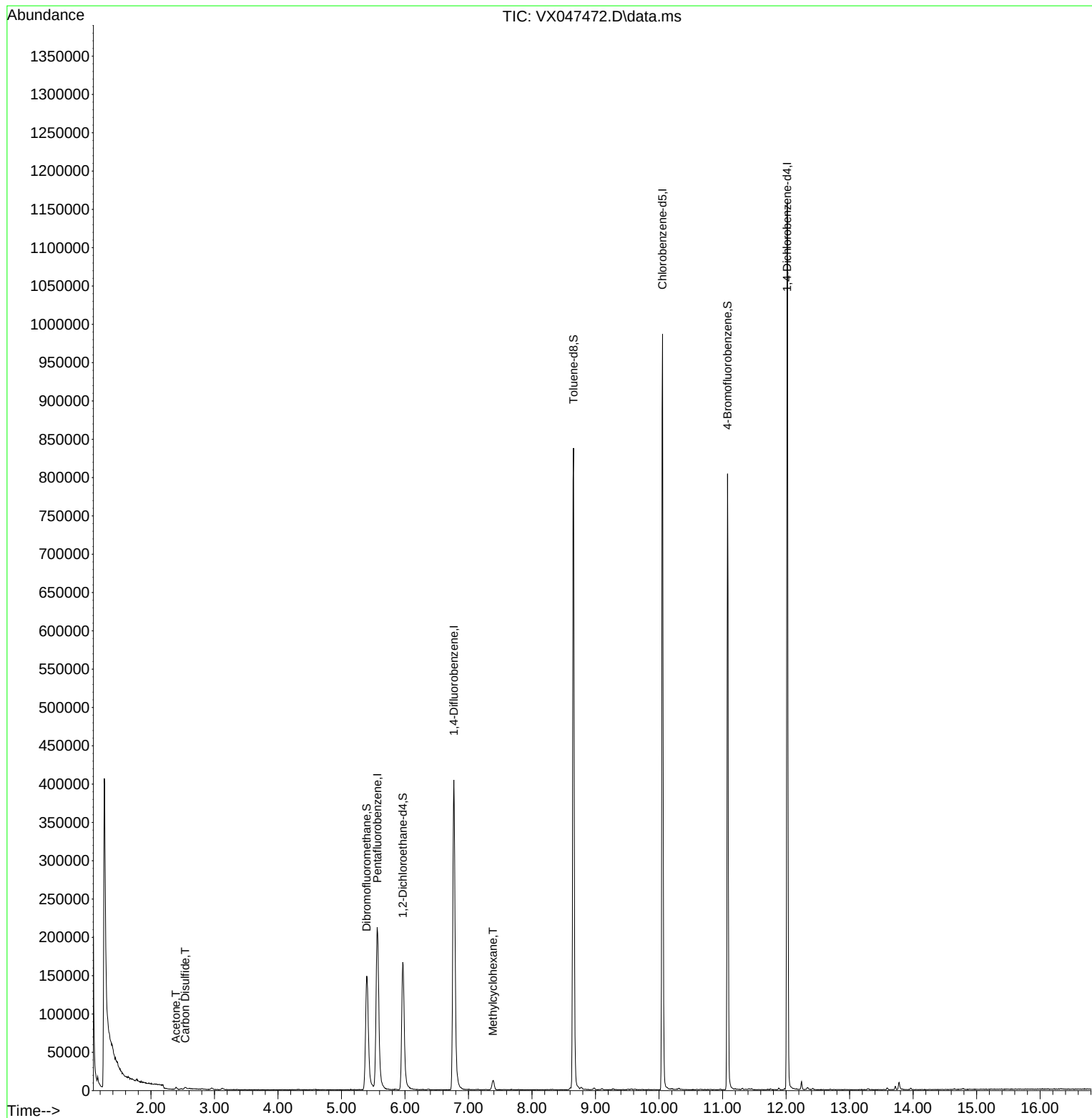
Internal Standards						
1) Pentafluorobenzene	5.562	168	212230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	433989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176297	59.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.700%#	
35) Dibromofluoromethane	5.397	113	143028	50.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.652	98	505084	50.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.079	95	215481	58.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.000%	
Target Compounds						
						Qvalue
16) Acetone	2.391	43	4074	3.649	ug/l	95
17) Carbon Disulfide	2.538	76	3657	0.454	ug/l	96
39) Methylcyclohexane	7.384	83	5532	0.997	ug/l	93

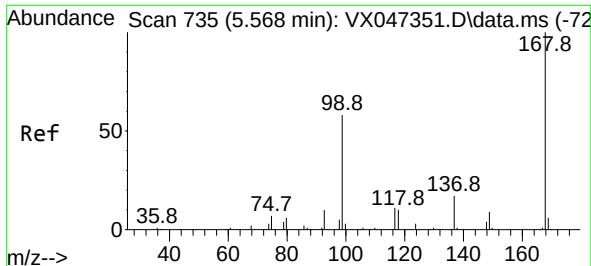
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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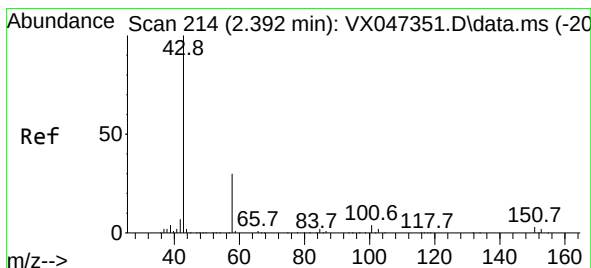
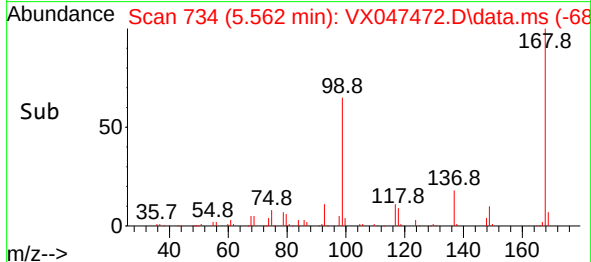
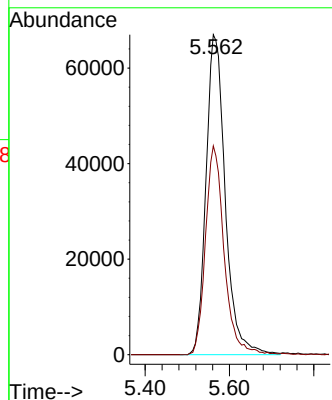
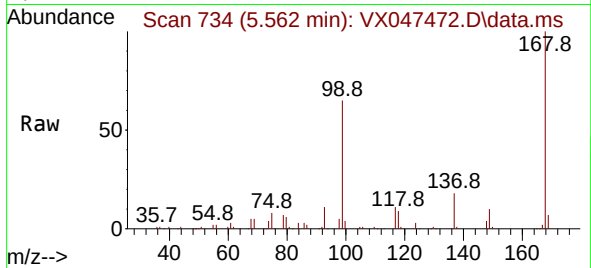




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.006 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

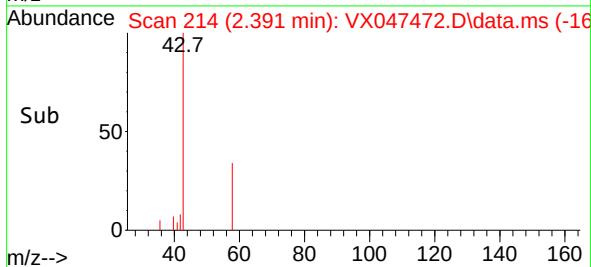
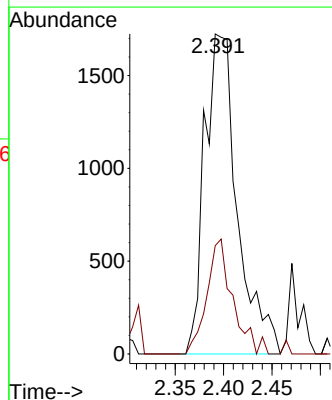
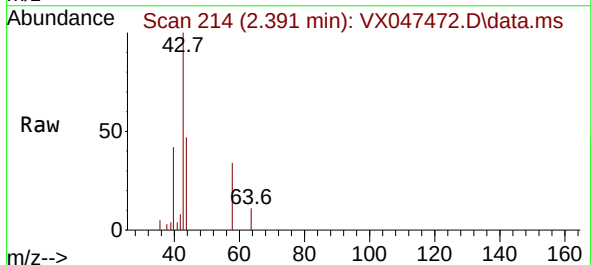
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

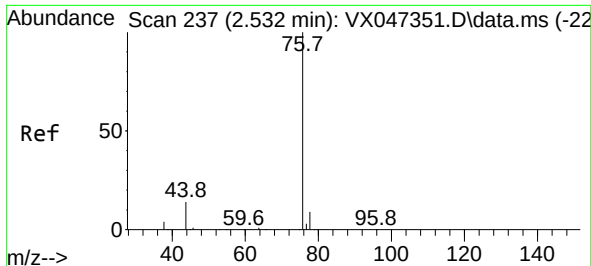
Tgt Ion:168 Resp: 212230
Ion Ratio Lower Upper
168 100
99 65.2 47.9 71.9



#16
Acetone
Concen: 3.649 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2





#17

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047472.D

Acq: 21 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

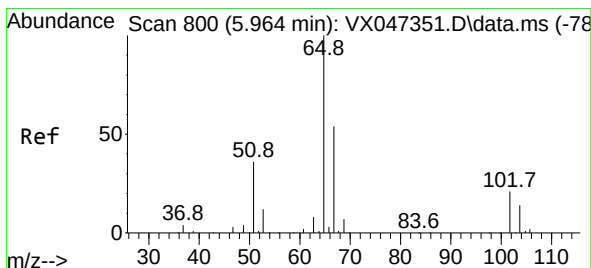
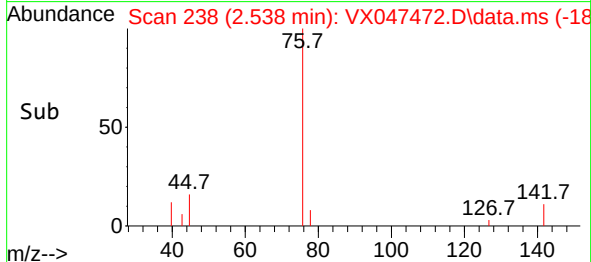
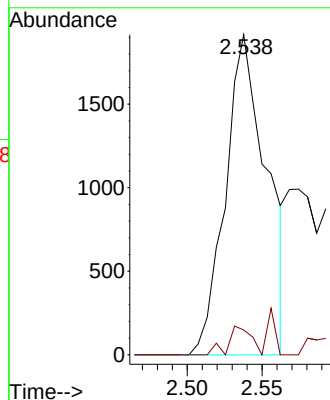
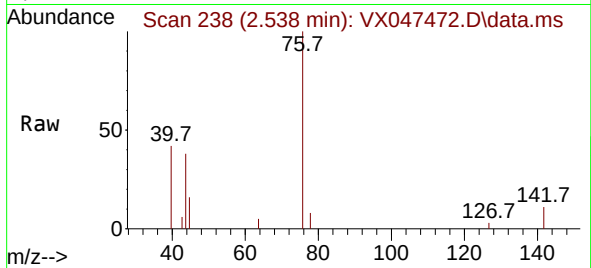
MW-6A-081925

Tgt Ion: 76 Resp: 3657

Ion Ratio Lower Upper

76 100

78 7.7 7.2 10.8



#33

1,2-Dichloroethane-d4

Concen: 59.355 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047472.D

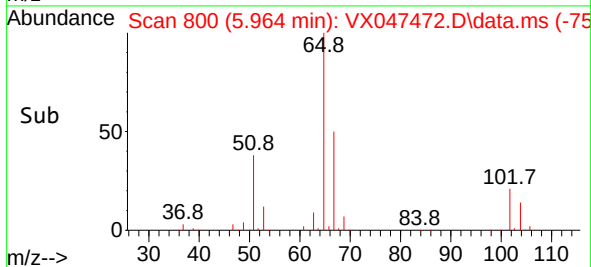
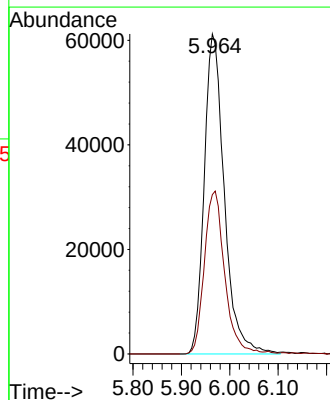
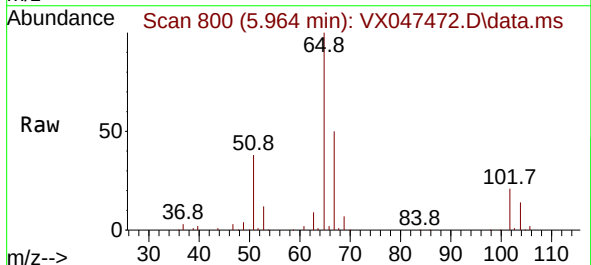
Acq: 21 Aug 2025 15:53

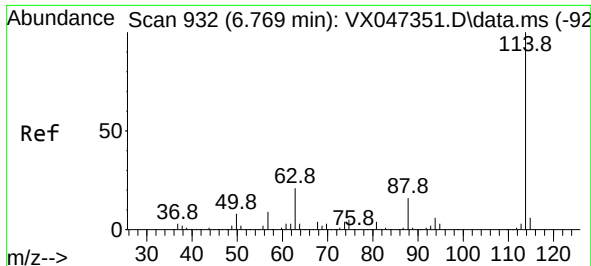
Tgt Ion: 65 Resp: 176297

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.0

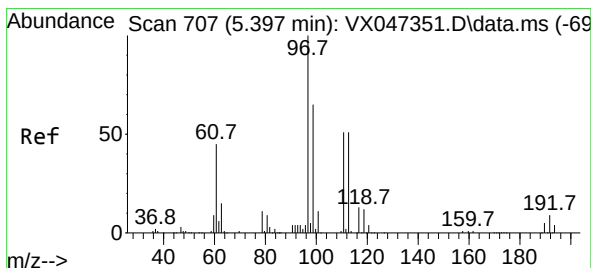
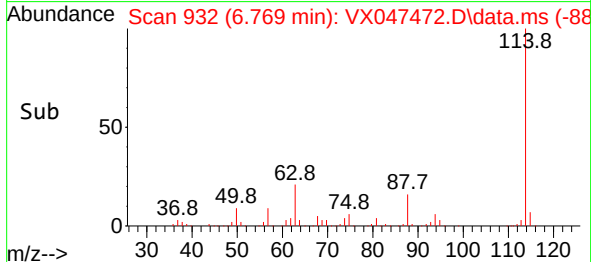
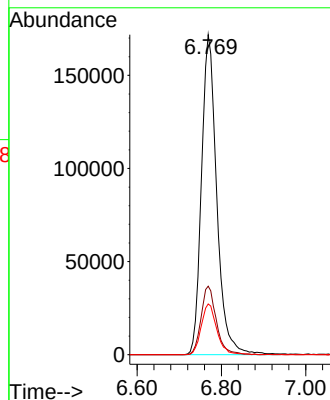
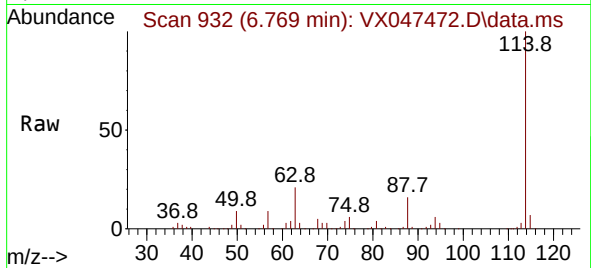




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

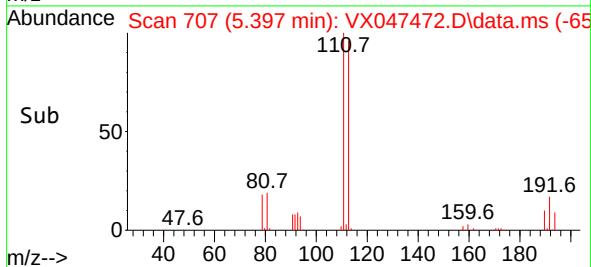
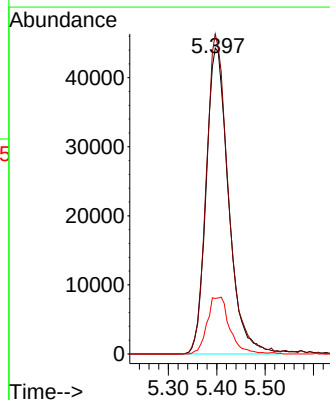
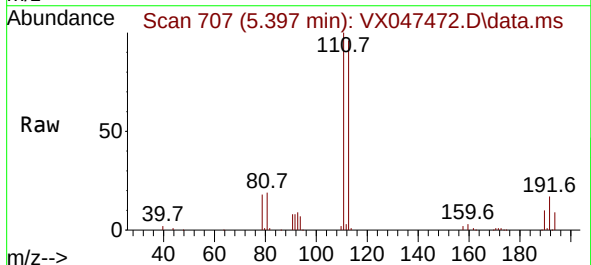
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

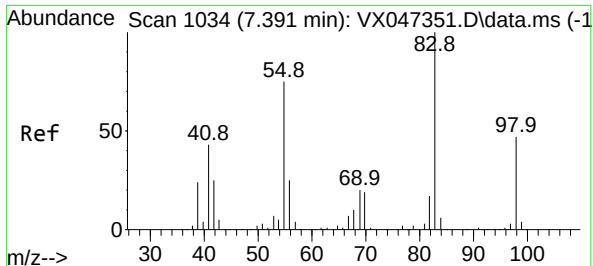
Tgt Ion:114 Resp: 433989
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.780 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion:113 Resp: 143028
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 18.4 14.1 21.1





#39

Methylcyclohexane

Concen: 0.997 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047472.D

Acq: 21 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

MW-6A-081925

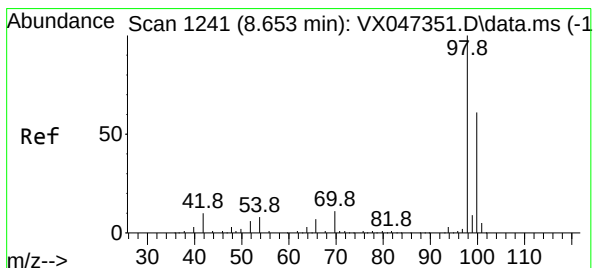
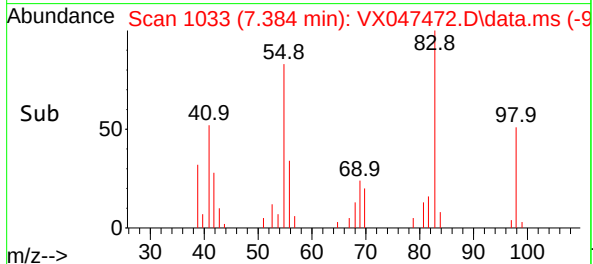
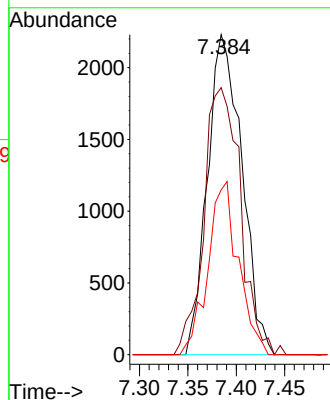
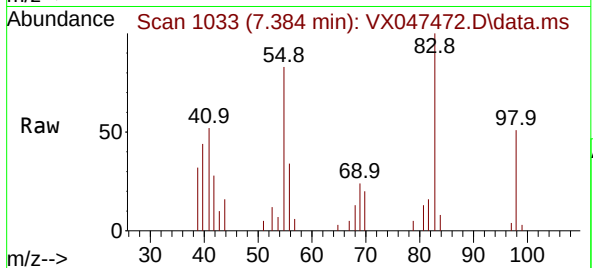
Tgt Ion: 83 Resp: 5532

Ion Ratio Lower Upper

83 100

55 80.6 60.0 90.0

98 51.5 37.2 55.8



#50

Toluene-d8

Concen: 50.170 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX047472.D

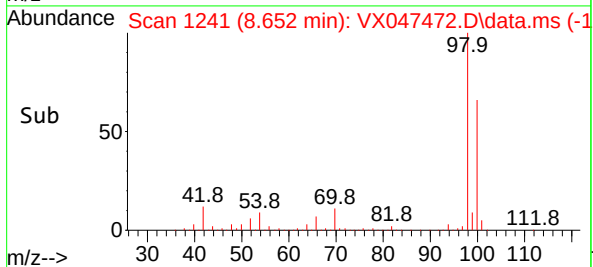
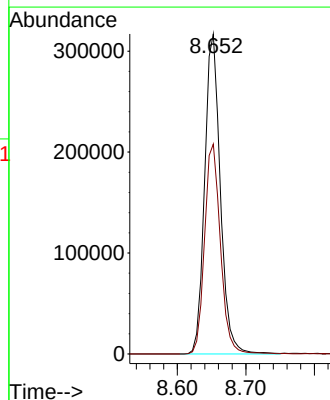
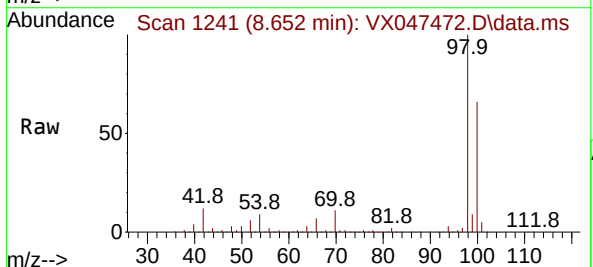
Acq: 21 Aug 2025 15:53

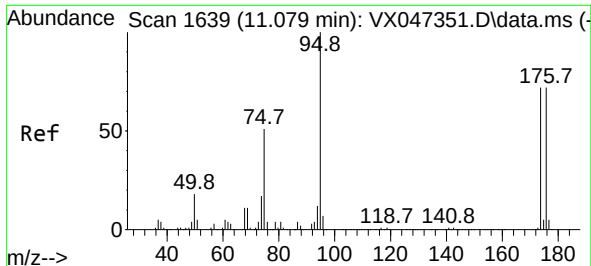
Tgt Ion: 98 Resp: 505084

Ion Ratio Lower Upper

98 100

100 66.4 53.9 80.9

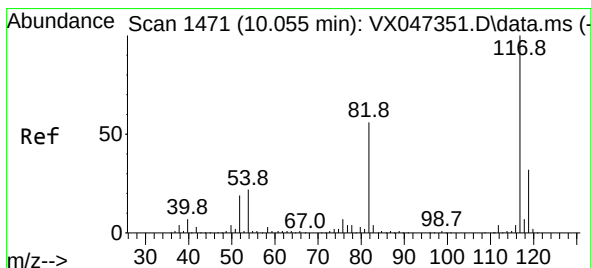
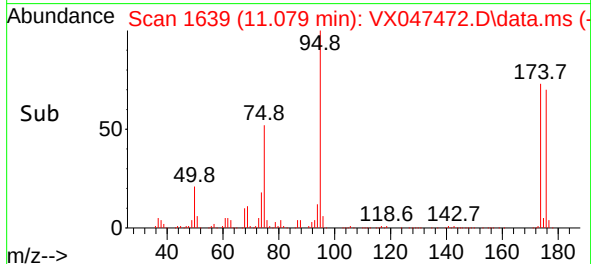
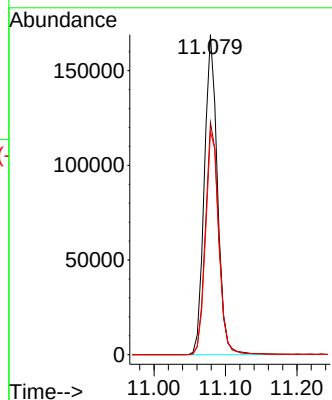
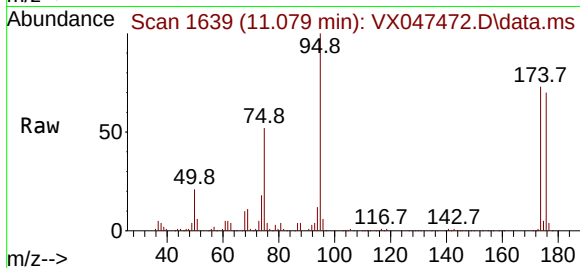




#62
4-Bromofluorobenzene
Concen: 58.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

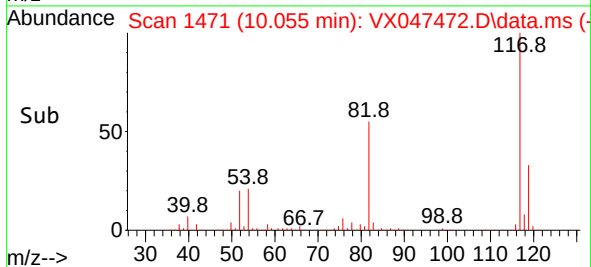
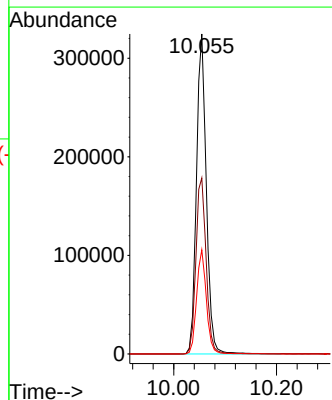
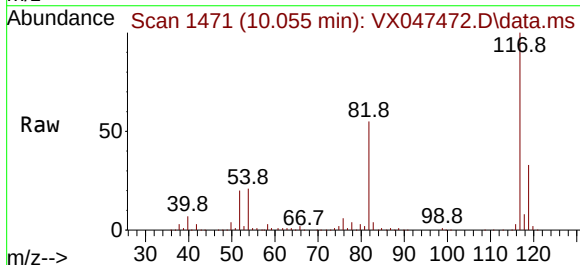
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MW-6A-081925

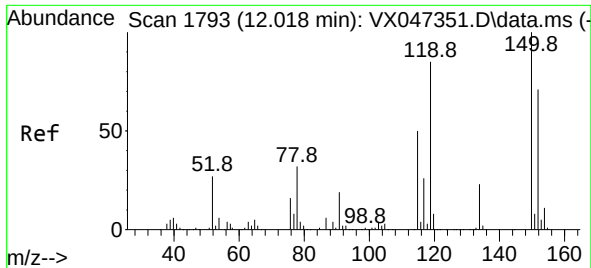
Tgt Ion: 95 Resp: 215481
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 71.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 117 Resp: 433463
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.6 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: VX047472.D
 Acq: 21 Aug 2025 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A-081925

Tgt Ion:152 Resp: 228811
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.6 133.8
 150 156.0 0.0 349.8

