

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047474.D
 Acq On : 21 Aug 2025 16:35
 Operator : JC/MD
 Sample : Q2900-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-081825

Quant Time: Aug 22 03:50:50 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)

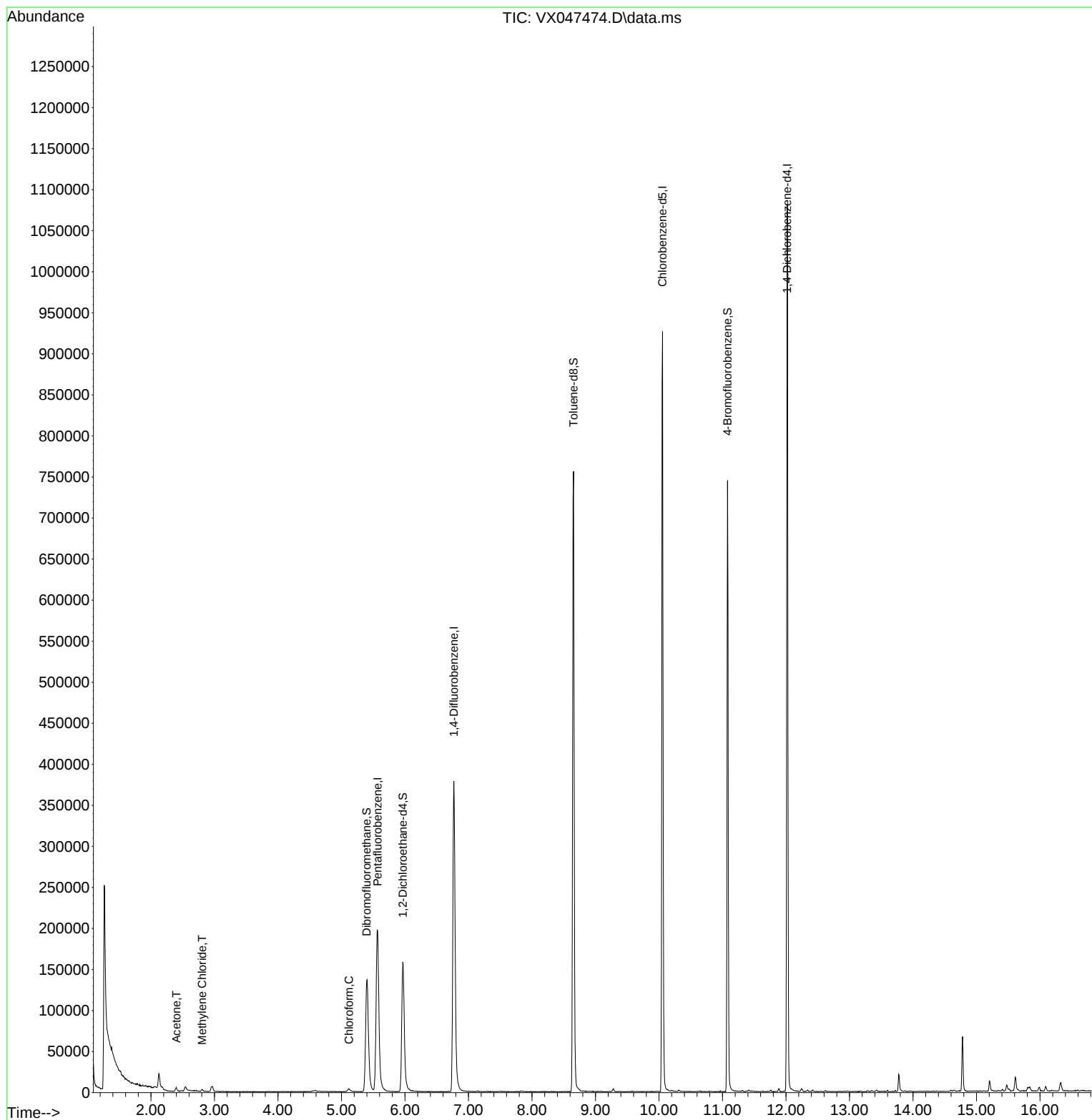
Internal Standards						
1) Pentafluorobenzene	5.568	168	198174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	406946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	216444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167156	60.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.540%	#
35) Dibromofluoromethane	5.397	113	131933	49.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	8.653	98	462622	49.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	11.079	95	203070	58.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.580%	
Target Compounds						
						Qvalue
16) Acetone	2.398	43	5552	5.326	ug/l	94
20) Methylene Chloride	2.806	84	1045	0.379	ug/l #	89
30) Chloroform	5.117	83	4374	0.885	ug/l #	82

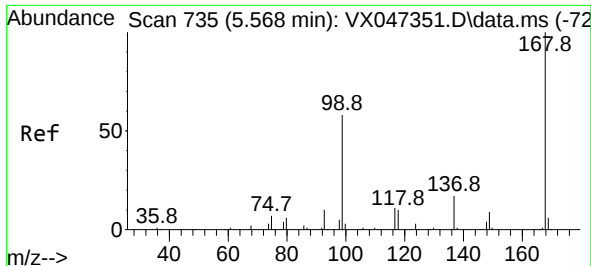
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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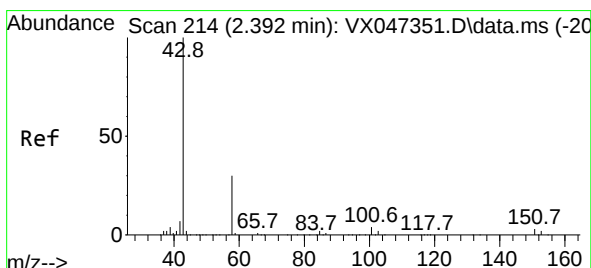
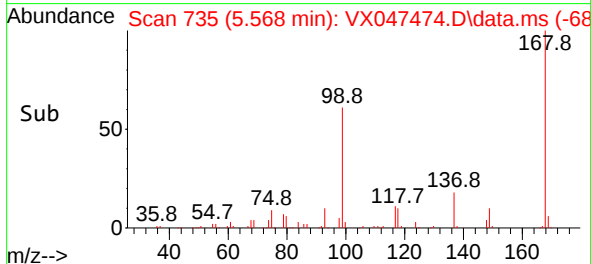
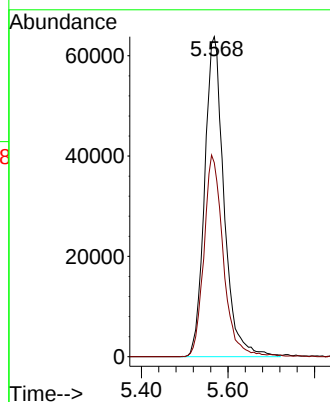
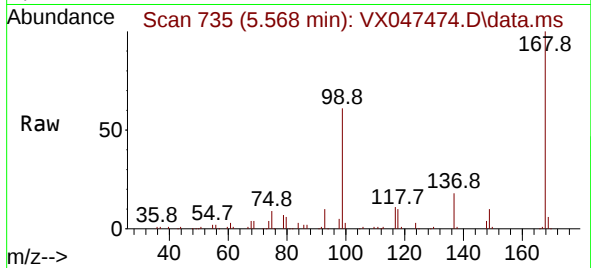




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

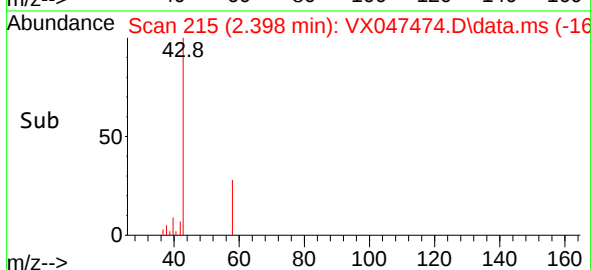
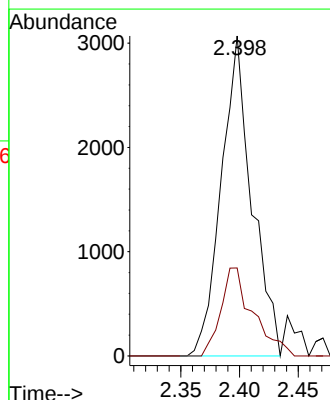
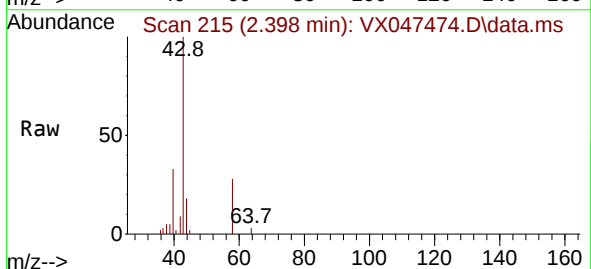
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-081825

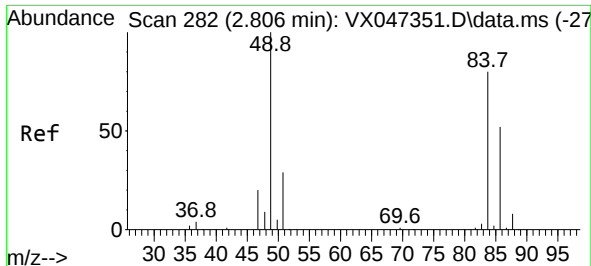
Tgt Ion:168 Resp: 198174
Ion Ratio Lower Upper
168 100
99 60.6 47.9 71.9



#16
Acetone
Concen: 5.326 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

Tgt Ion: 43 Resp: 5552
Ion Ratio Lower Upper
43 100
58 27.5 24.8 37.2

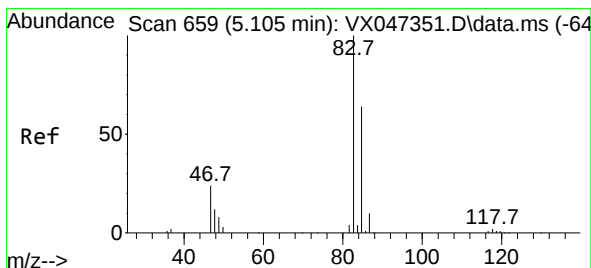
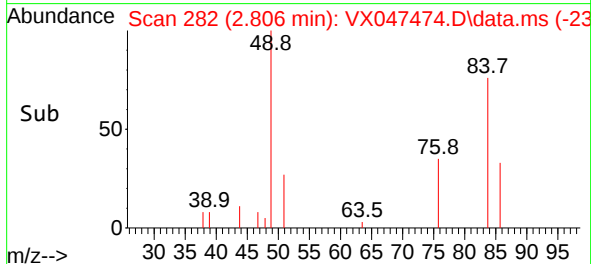
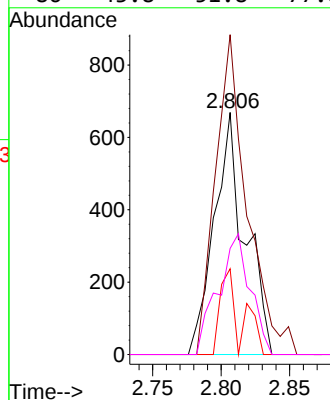
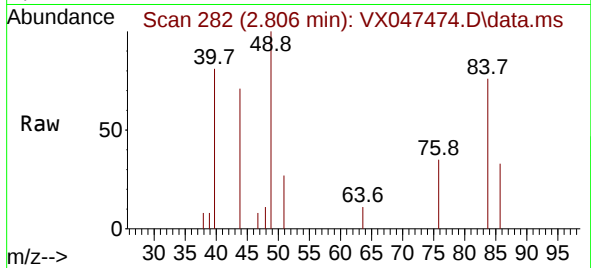




#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

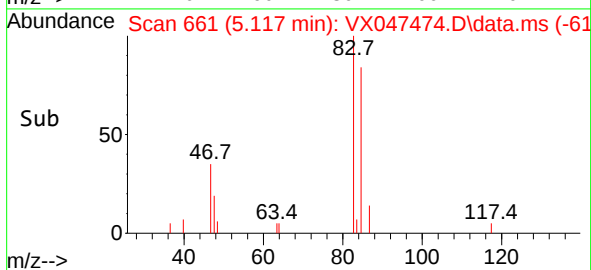
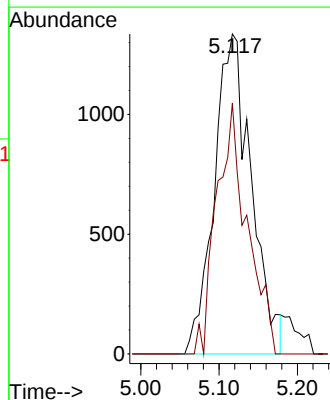
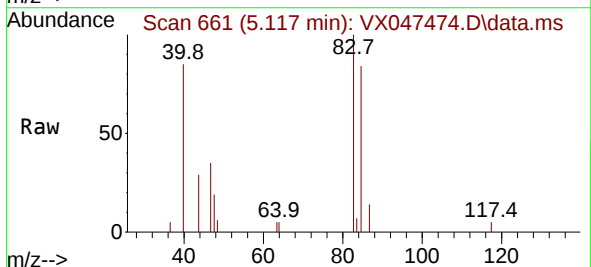
Instrument :
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ClientSampleId :
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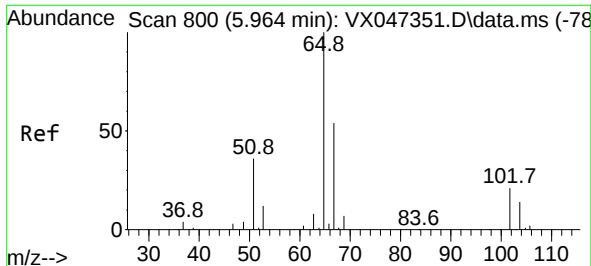
Tgt Ion:	84	Resp:	1045
Ion	Ratio	Lower	Upper
84	100		
49	132.1	100.1	150.1
51	35.4	29.5	44.3
86	43.8	51.8	77.8



#30
Chloroform
Concen: 0.885 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

Tgt Ion:	83	Resp:	4374
Ion	Ratio	Lower	Upper
83	100		
85	78.4	51.2	76.8

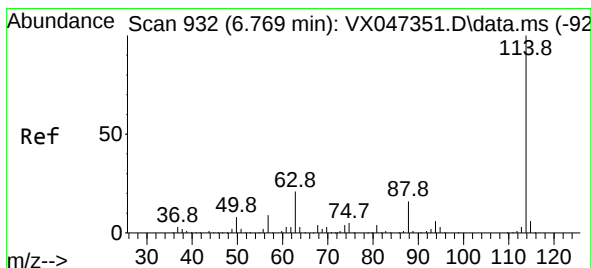
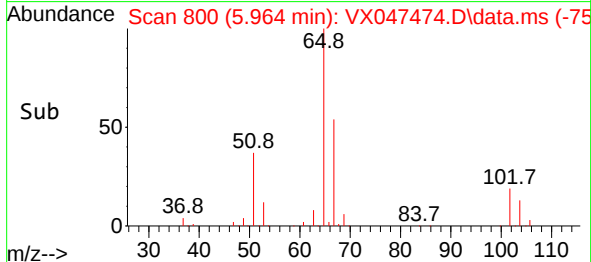
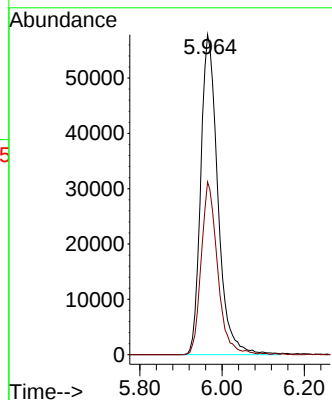
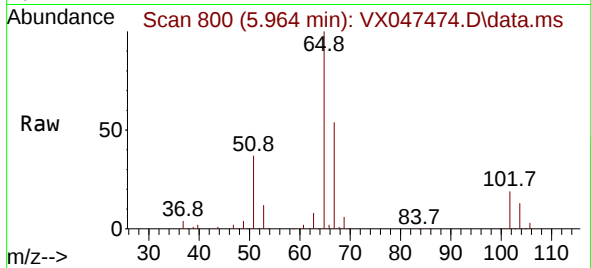




#33
 1,2-Dichloroethane-d4
 Concen: 60.269 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047474.D
 Acq: 21 Aug 2025 16:35

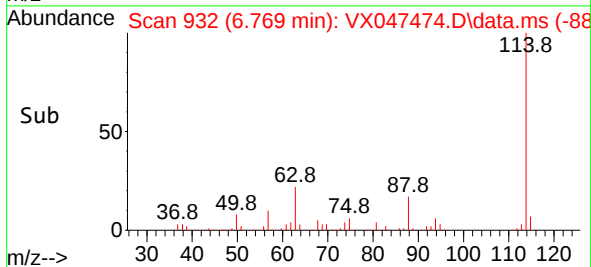
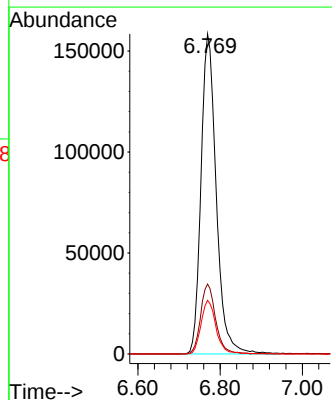
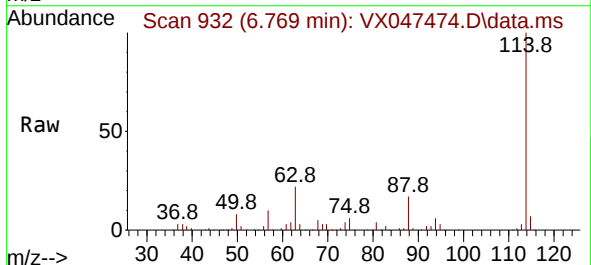
Instrument :
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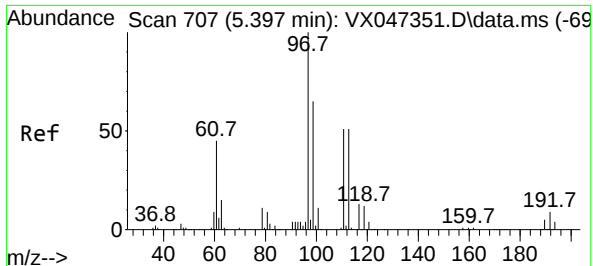
Tgt Ion: 65 Resp: 167156
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047474.D
 Acq: 21 Aug 2025 16:35

Tgt Ion: 114 Resp: 406946
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.4
 88 16.7 0.0 33.0

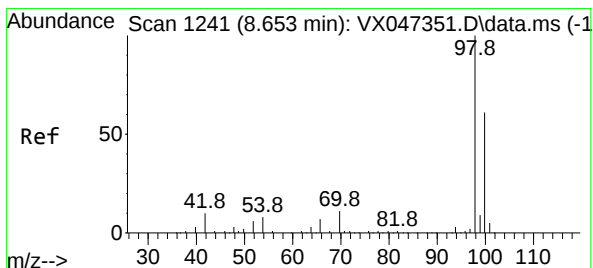
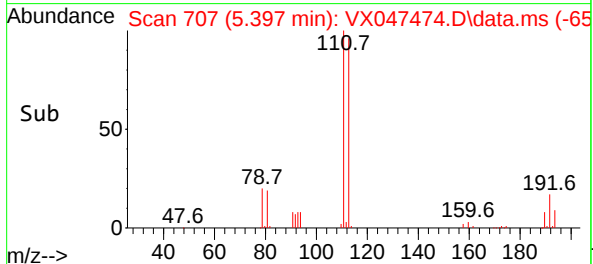
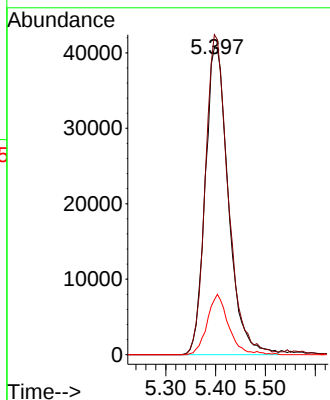
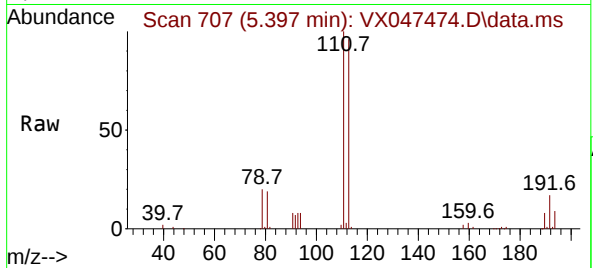




#35
Dibromofluoromethane
Concen: 49.953 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

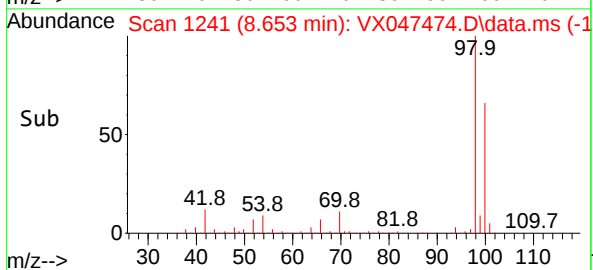
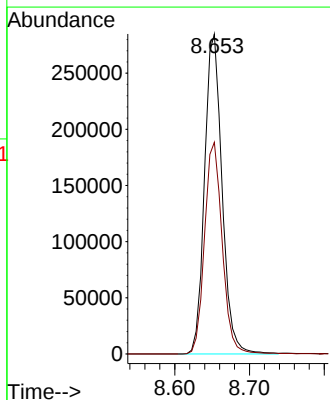
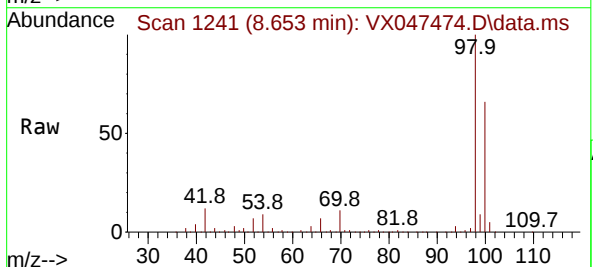
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ClientSampleId :
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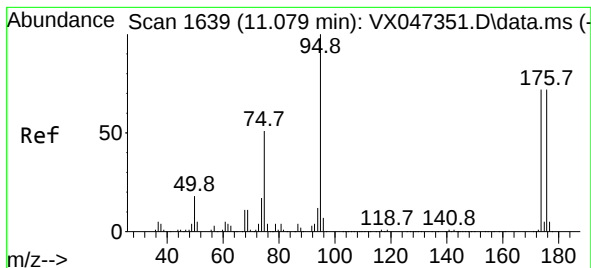
Tgt Ion:113 Resp: 131933
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.7 14.1 21.1



#50
Toluene-d8
Concen: 49.006 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

Tgt Ion: 98 Resp: 462622
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9

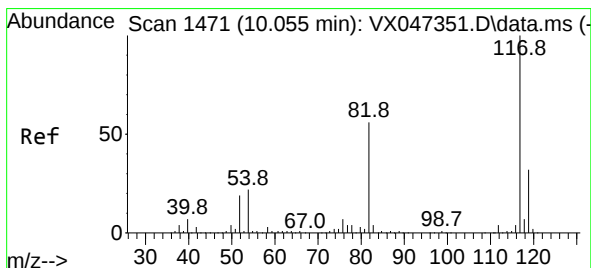
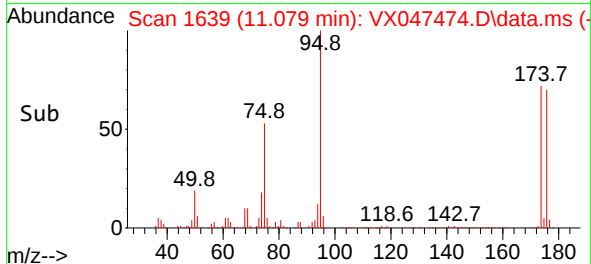
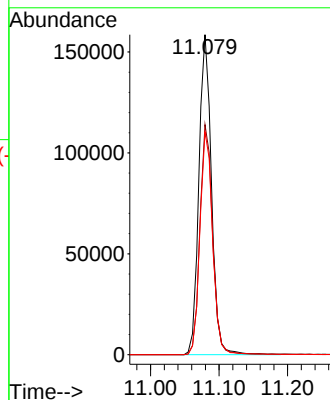
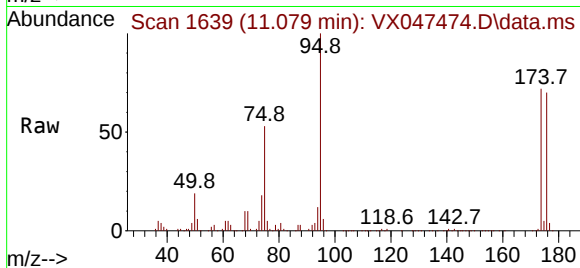




#62
4-Bromofluorobenzene
Concen: 58.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

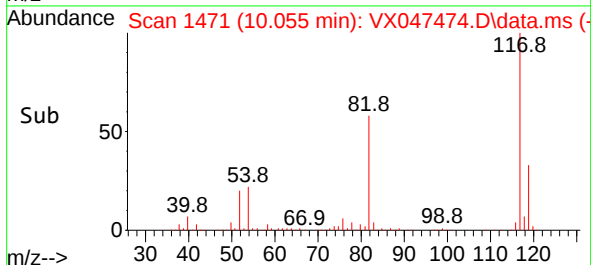
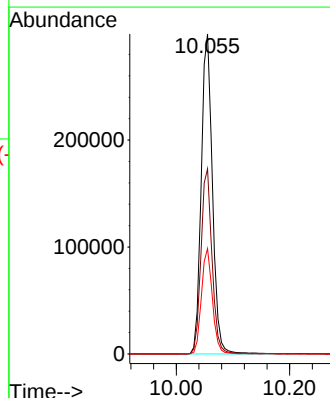
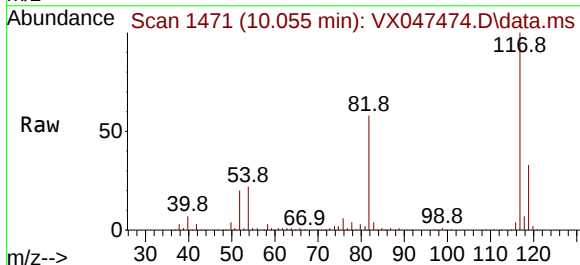
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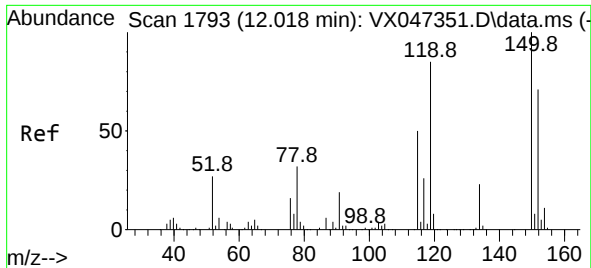
Tgt Ion: 95 Resp: 203070
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.0
176 70.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

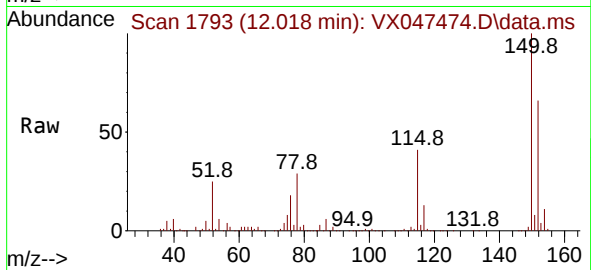
Tgt Ion: 117 Resp: 409661
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.9 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047474.D
Acq: 21 Aug 2025 16:35

Instrument :
MSVOA_X
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Tgt Ion:152 Resp: 216444
Ion Ratio Lower Upper
152 100
115 62.8 44.6 133.8
150 155.4 0.0 349.8

