

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047442.D
 Acq On : 20 Aug 2025 15:04
 Operator : JC/MD
 Sample : Q2900-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-081825

Quant Time: Aug 21 01:32:43 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)

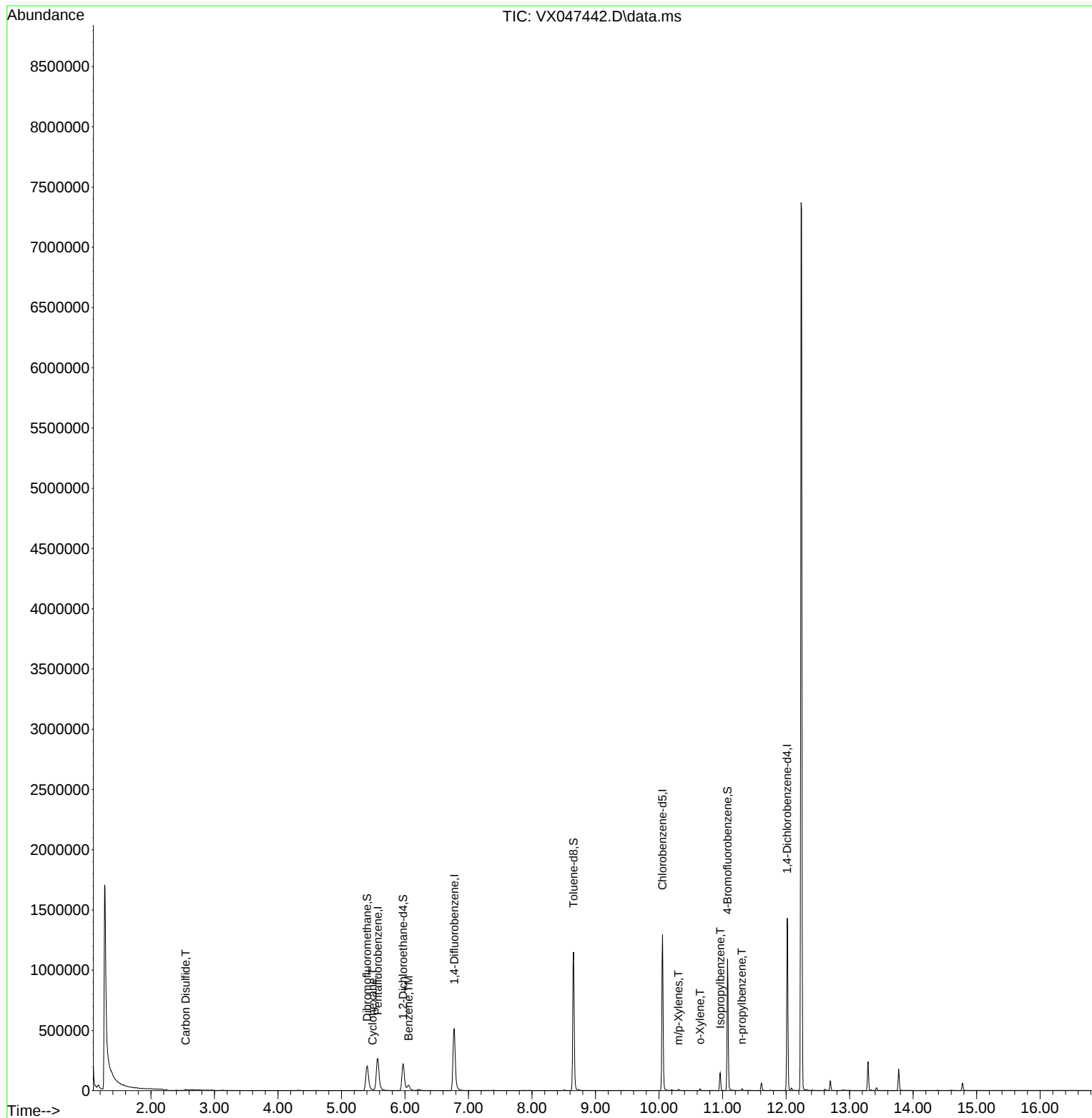
Internal Standards						
1) Pentafluorobenzene	5.574	168	269768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	559138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	560769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	289774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	238136	63.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.140%#	
35) Dibromofluoromethane	5.404	113	194846	53.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.380%	
50) Toluene-d8	8.653	98	687671	53.018	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	11.079	95	284499	59.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.880%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.544	76	16805	1.640	ug/l	96
31) Cyclohexane	5.489	56	2567	0.422	ug/l #	76
40) Benzene	6.056	78	52895	3.085	ug/l	94
68) m/p-Xylenes	10.305	106	2342	0.274	ug/l	88
69) o-Xylene	10.646	106	2990	0.363	ug/l	95
73) Isopropylbenzene	10.964	105	75289	3.320	ug/l	100
78) n-propylbenzene	11.305	91	9242	0.341	ug/l	97

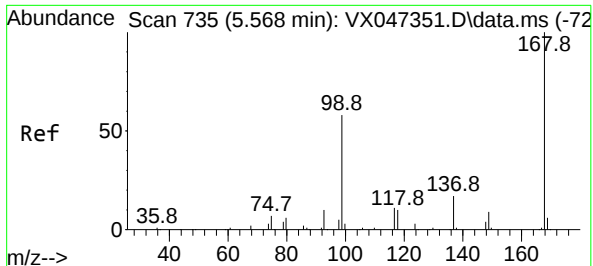
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-11B-081825

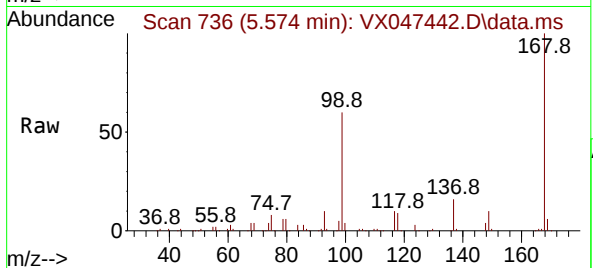
Quant Time: Aug 21 01:32:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
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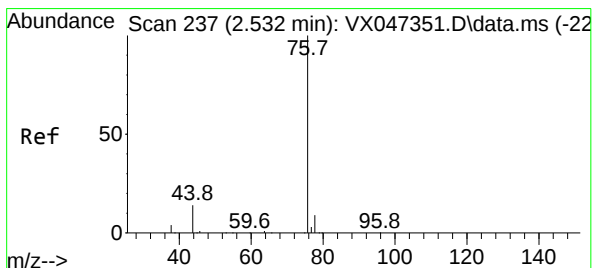
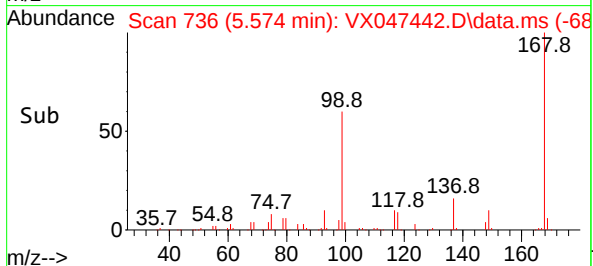
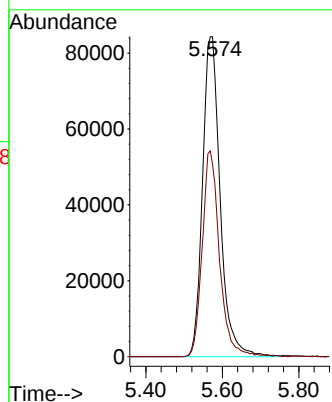


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-081825

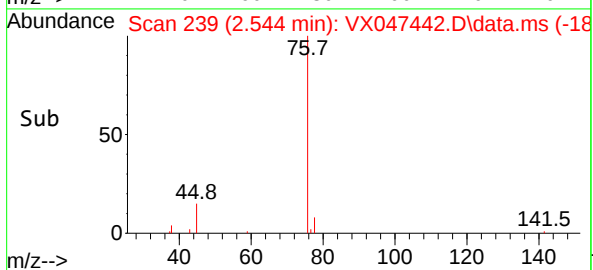
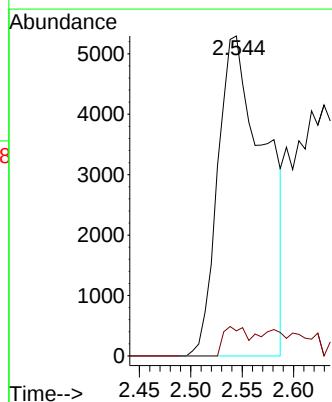
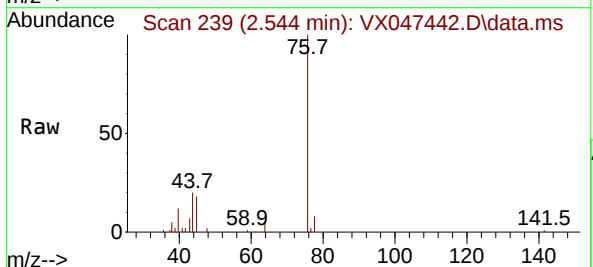


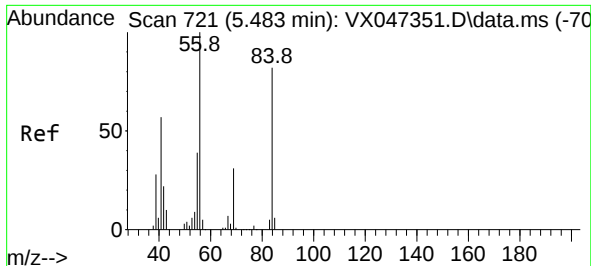
Tgt Ion:168 Resp: 269768
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#17
Carbon Disulfide
Concen: 1.640 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.012 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Tgt Ion: 76 Resp: 16805
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

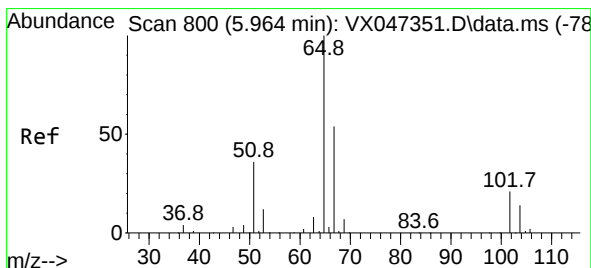
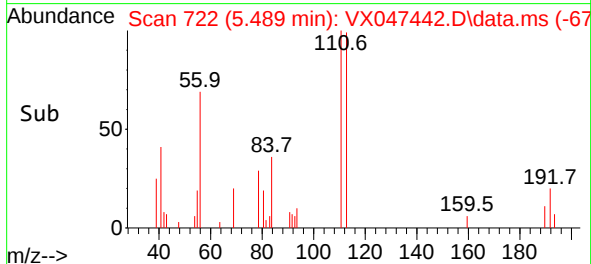
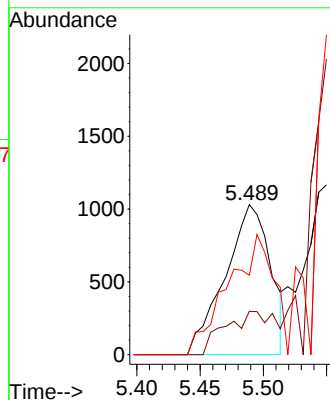
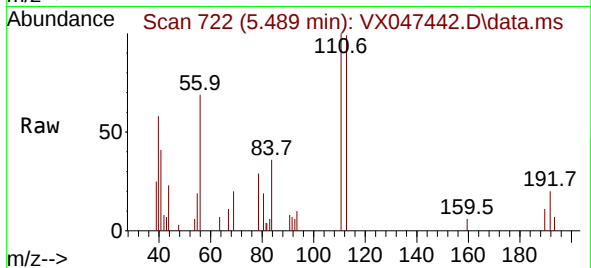




#31
Cyclohexane
Concen: 0.422 ug/l
RT: 5.489 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

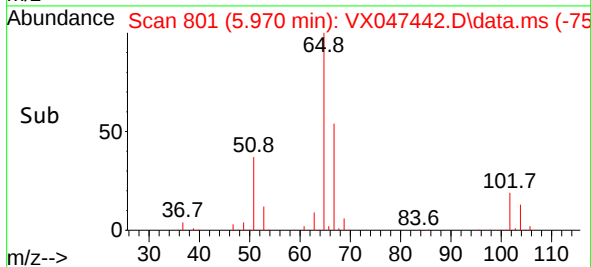
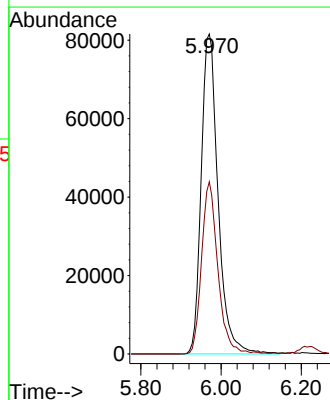
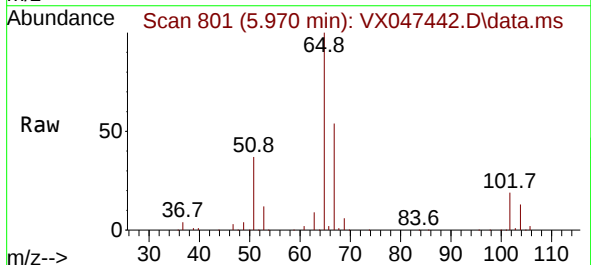
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-081825

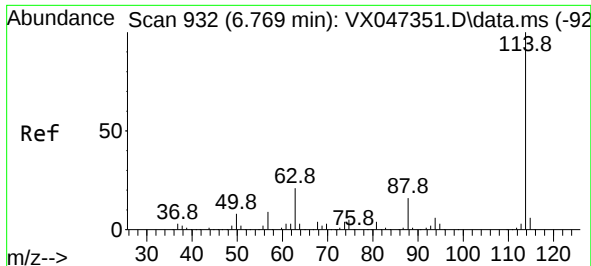
Tgt Ion: 56 Resp: 2567
Ion Ratio Lower Upper
56 100
69 28.9 24.3 36.5
84 53.0 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 63.074 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Tgt Ion: 65 Resp: 238136
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0

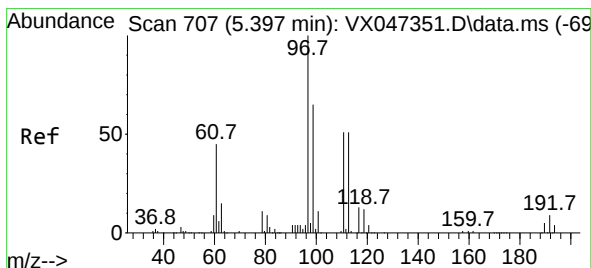
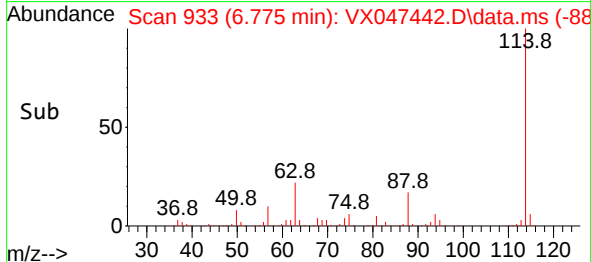
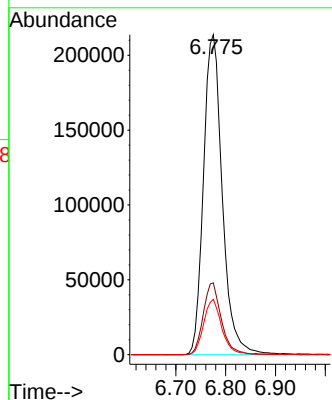
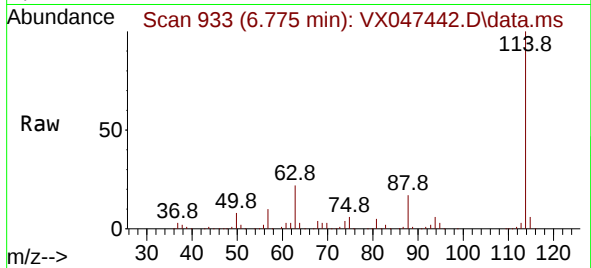




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

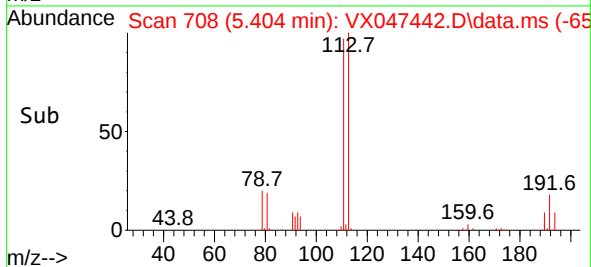
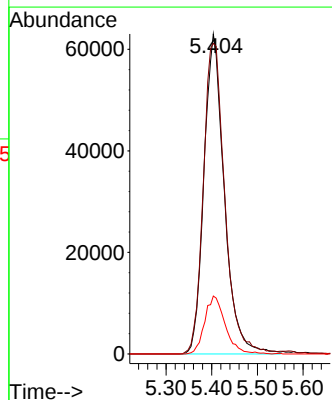
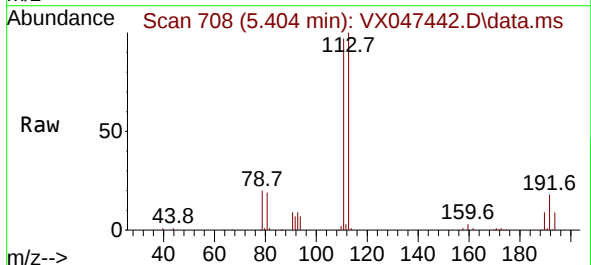
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-081825

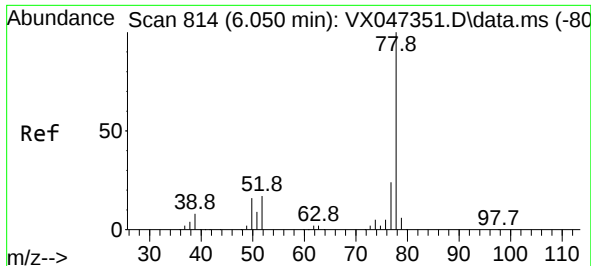
Tgt Ion:114 Resp: 559138
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.4
88 17.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.693 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Tgt Ion:113 Resp: 194846
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 18.3 14.1 21.1

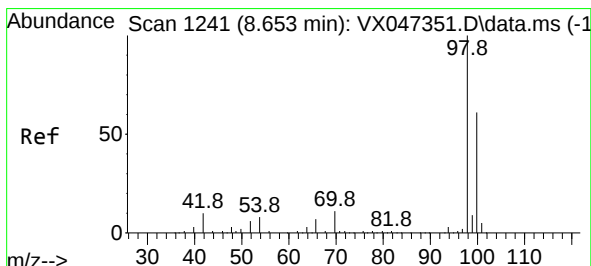
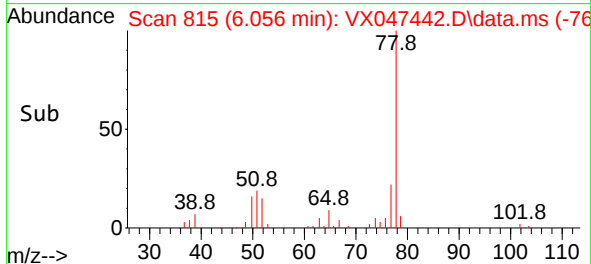
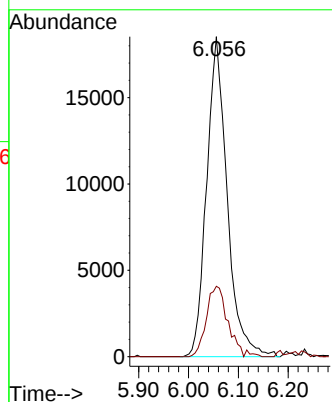
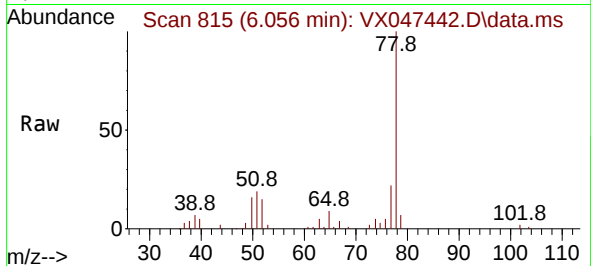




#40
Benzene
Concen: 3.085 ug/l
RT: 6.056 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

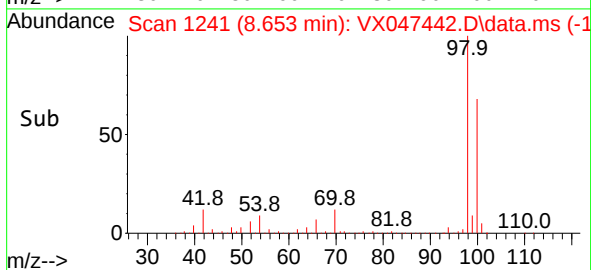
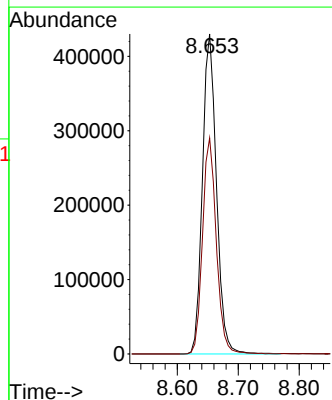
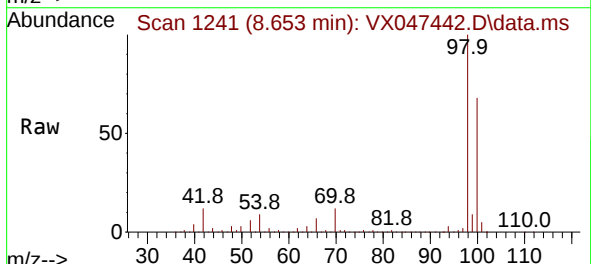
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-081825

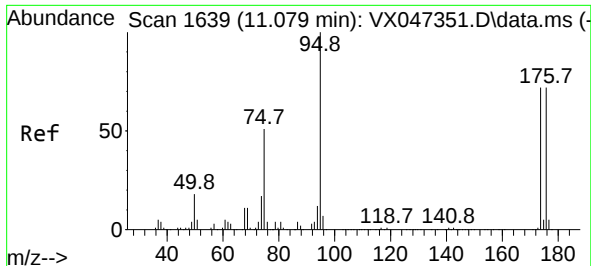
Tgt Ion: 78 Resp: 52895
Ion Ratio Lower Upper
78 100
77 20.7 19.0 28.4



#50
Toluene-d8
Concen: 53.018 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Tgt Ion: 98 Resp: 687671
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 59.439 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047442.D

Acq: 20 Aug 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

MW-11B-081825

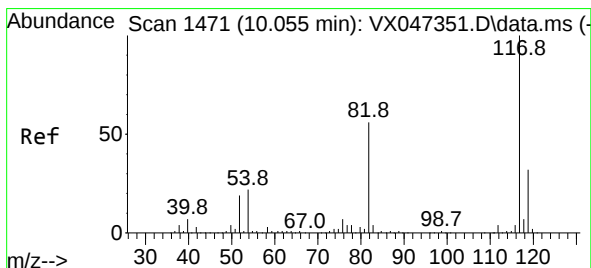
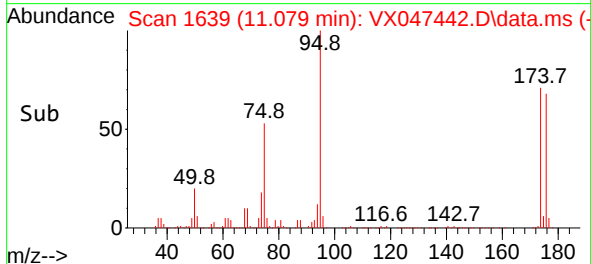
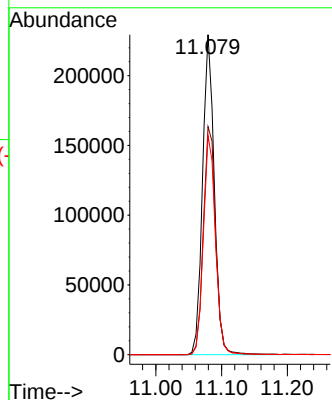
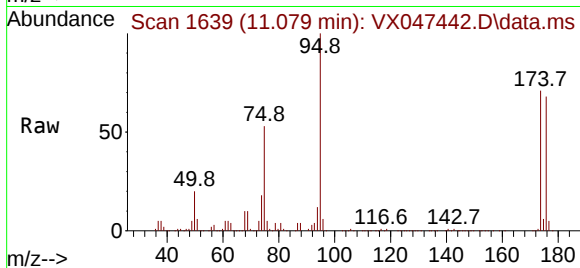
Tgt Ion: 95 Resp: 284499

Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.0

176 70.5 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: VX047442.D

Acq: 20 Aug 2025 15:04

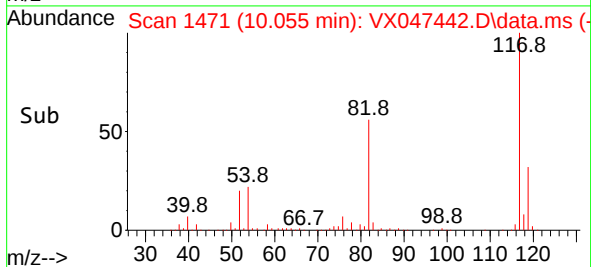
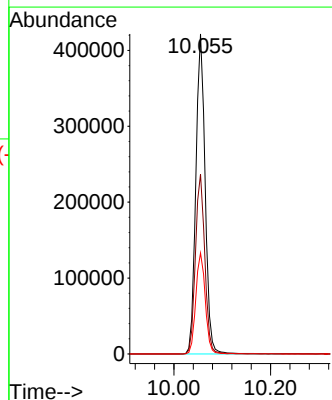
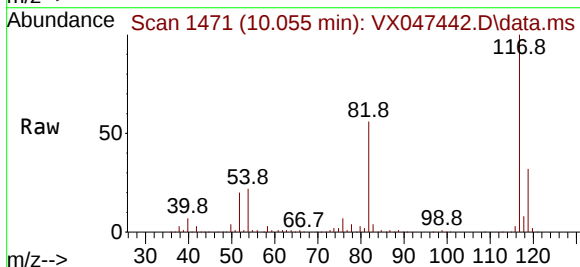
Tgt Ion: 117 Resp: 560769

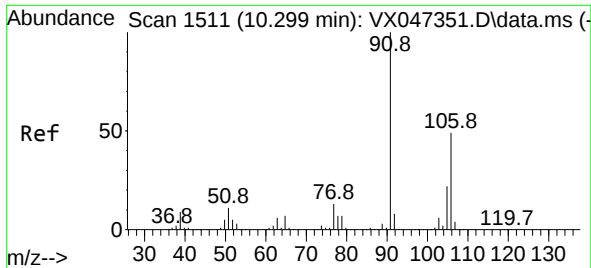
Ion Ratio Lower Upper

117 100

82 56.2 45.0 67.4

119 31.5 25.8 38.8

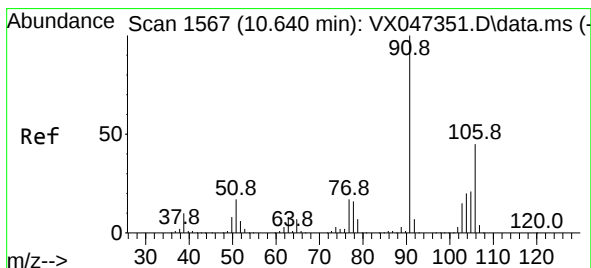
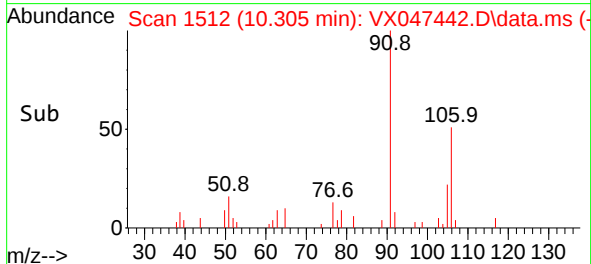
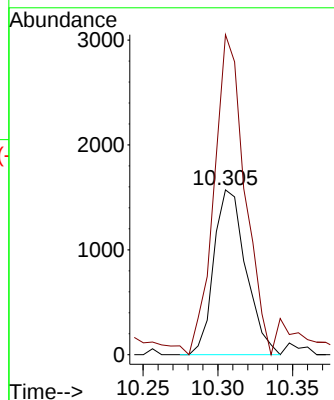
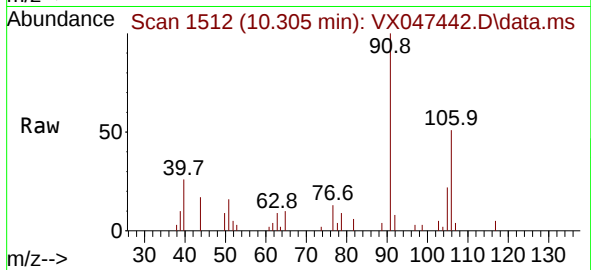




#68
m/p-Xylenes
Concen: 0.274 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

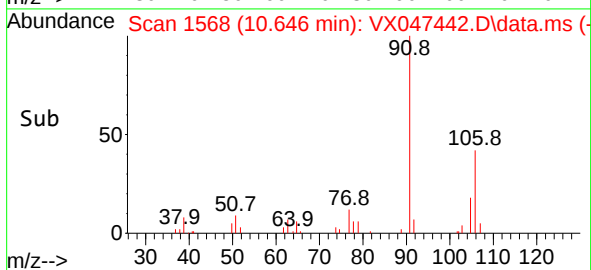
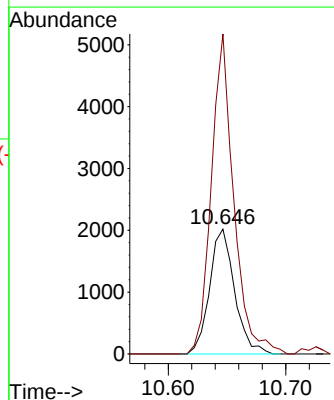
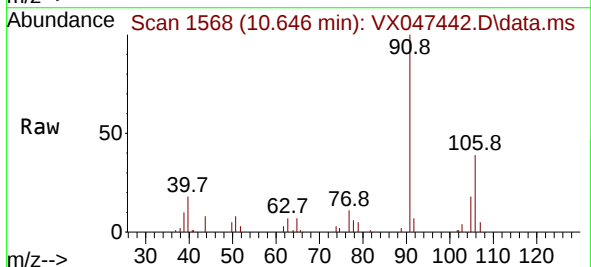
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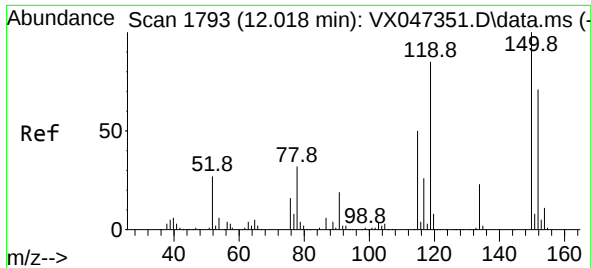
Tgt Ion:106 Resp: 2342
Ion Ratio Lower Upper
106 100
91 187.0 164.7 247.1



#69
o-Xylene
Concen: 0.363 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Tgt Ion:106 Resp: 2990
Ion Ratio Lower Upper
106 100
91 229.4 110.6 331.8

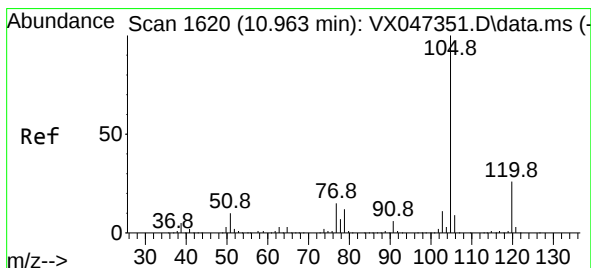
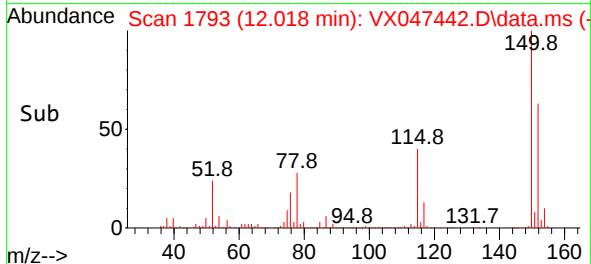
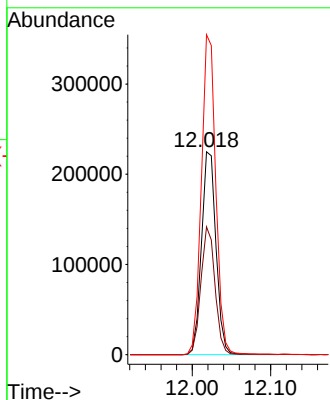
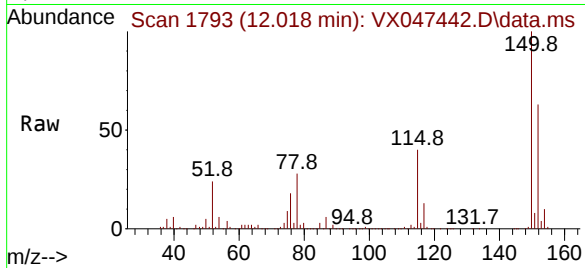




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

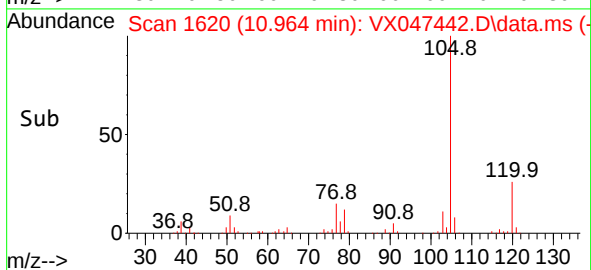
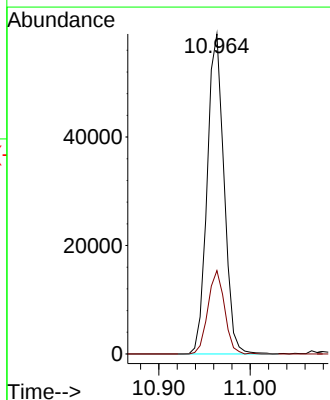
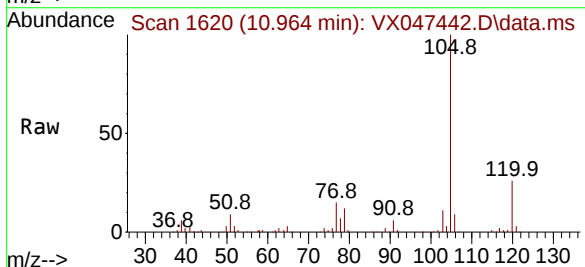
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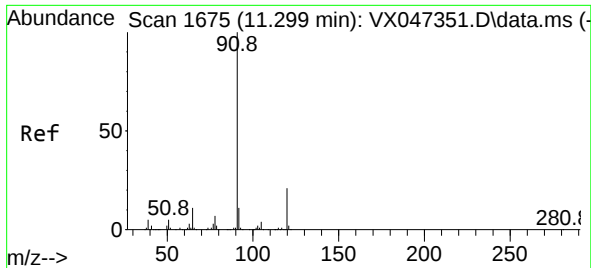
Tgt Ion:152 Resp: 289774
Ion Ratio Lower Upper
152 100
115 61.3 44.6 133.8
150 156.1 0.0 349.8



#73
Isopropylbenzene
Concen: 3.320 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047442.D
Acq: 20 Aug 2025 15:04

Tgt Ion:105 Resp: 75289
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6





#78
 n-propylbenzene
 Concen: 0.341 ug/l
 RT: 11.305 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX047442.D
 Acq: 20 Aug 2025 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-081825

Tgt Ion: 91 Resp: 9242
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.0 33.0

