

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046853.D
 Acq On : 01 Jul 2025 12:36
 Operator : JC/MD
 Sample : Q2455-01 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1

Quant Time: Jul 02 01:40:29 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)

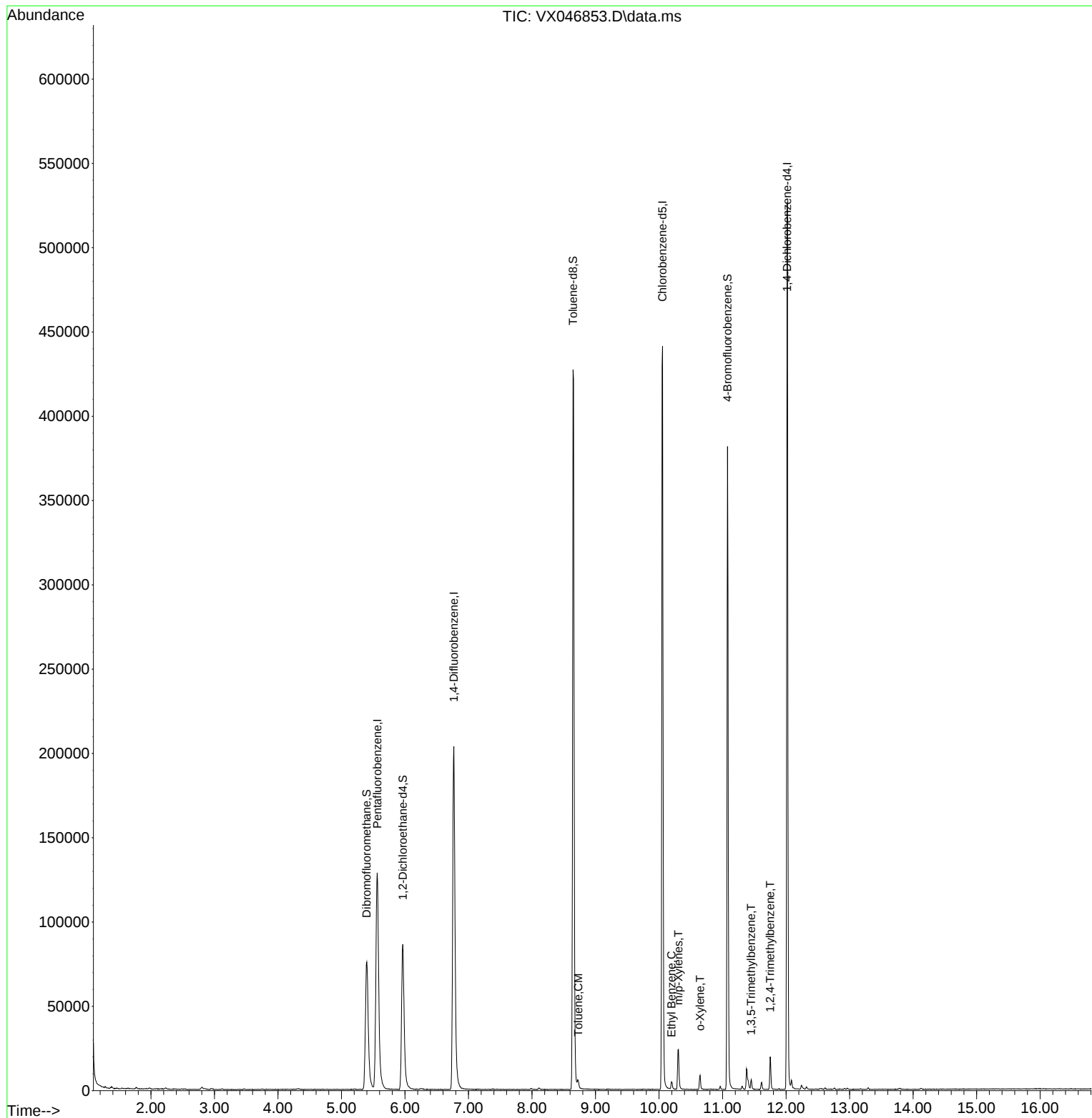
Internal Standards						
1) Pentafluorobenzene	5.562	168	133897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89609	48.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.760%
35) Dibromofluoromethane	5.397	113	74148	49.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.647	98	265443	49.432	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	11.079	95	102666	51.290	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.580%
Target Compounds						
					Qvalue	
52) Toluene	8.726	92	2170	0.548	ug/l	100
67) Ethyl Benzene	10.195	91	3289	0.413	ug/l	100
68) m/p-Xylenes	10.305	106	6507	2.191	ug/l	98
69) o-Xylene	10.647	106	2001	0.719	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3008	0.470	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	9019	1.404	ug/l	100

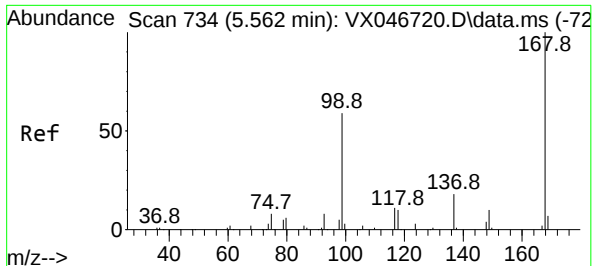
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW1

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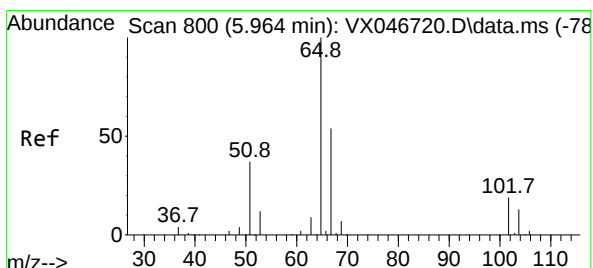
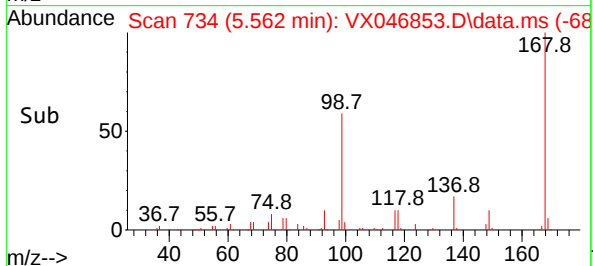
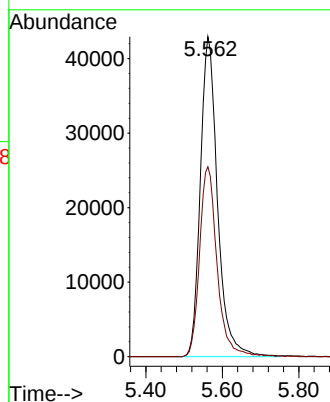
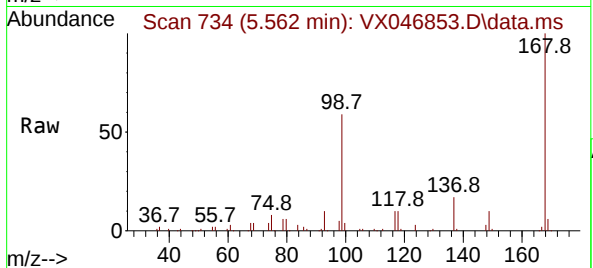




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.000 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

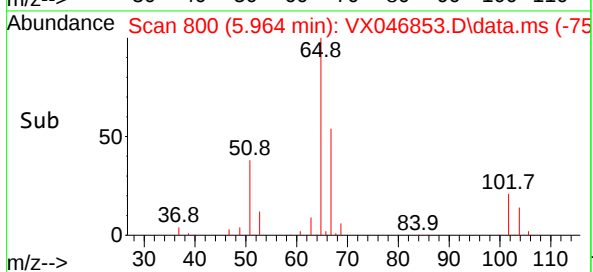
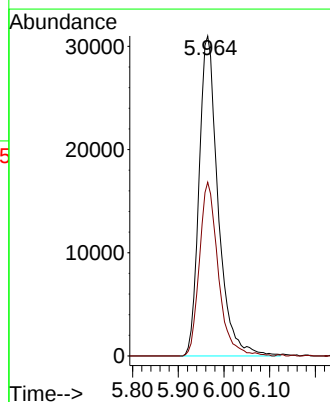
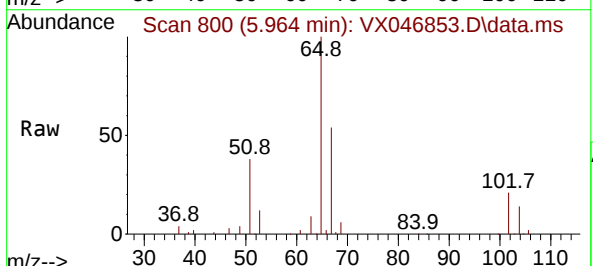
Instrument :
MSVOA_X
ClientSampleId :
MW1

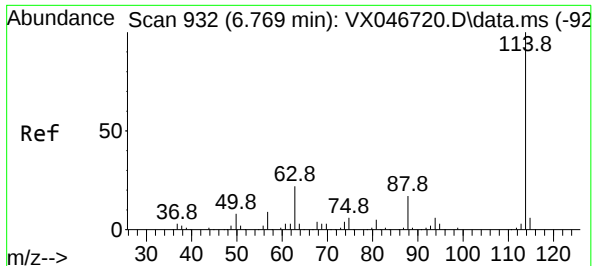
Tgt Ion:168 Resp: 133897
Ion Ratio Lower Upper
168 100
99 59.3 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 48.384 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

Tgt Ion: 65 Resp: 89609
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

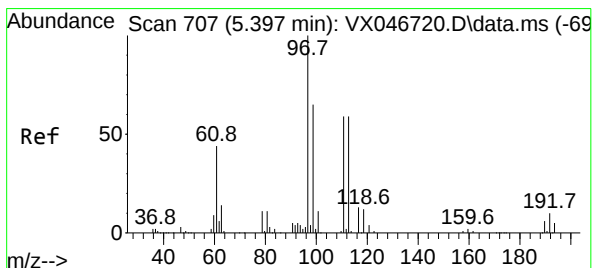
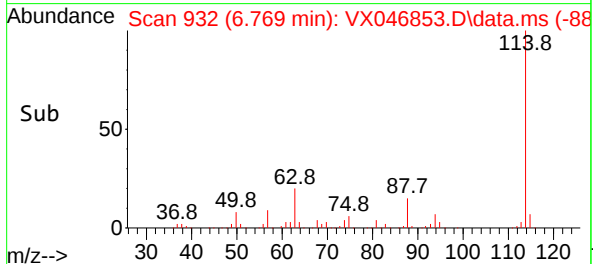
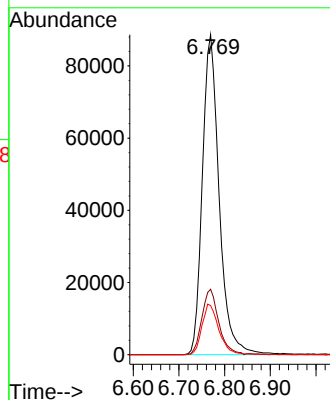
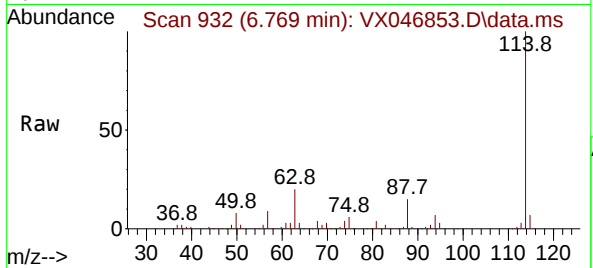




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

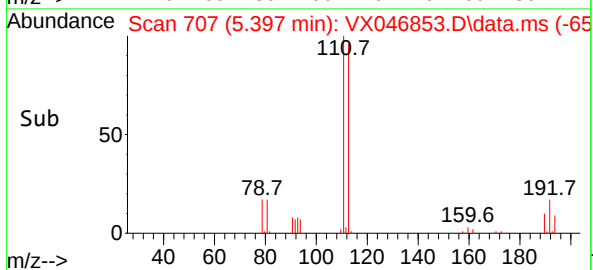
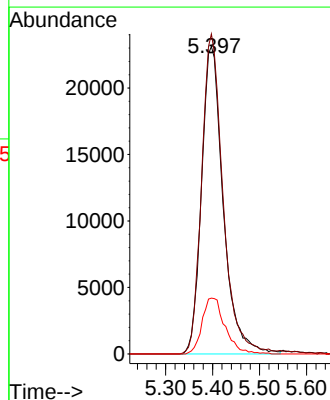
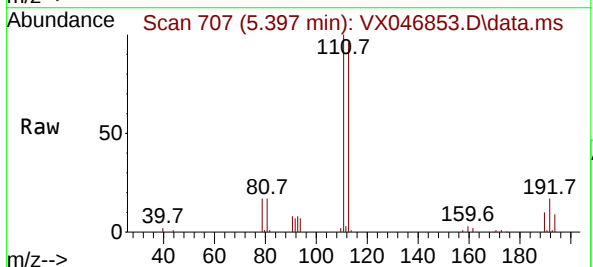
Instrument :
MSVOA_X
ClientSampleId :
MW1

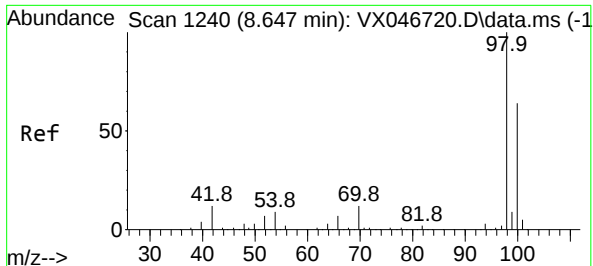
Tgt Ion:114 Resp: 225899
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.2
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.610 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

Tgt Ion:113 Resp: 74148
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.2 15.3 22.9

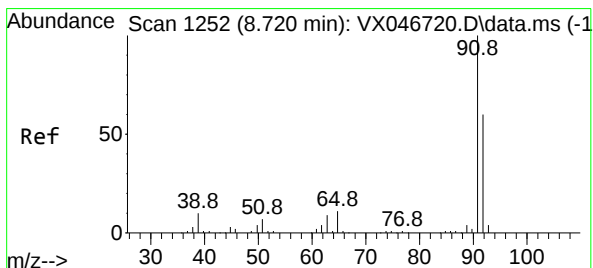
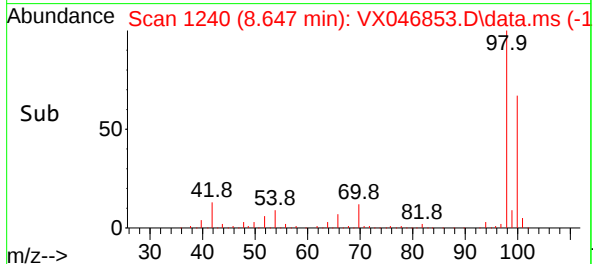
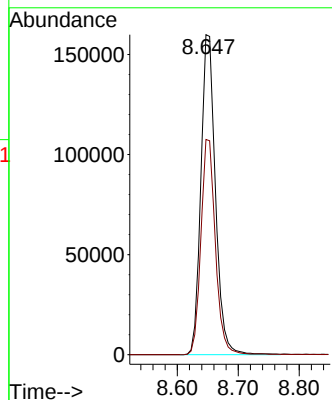
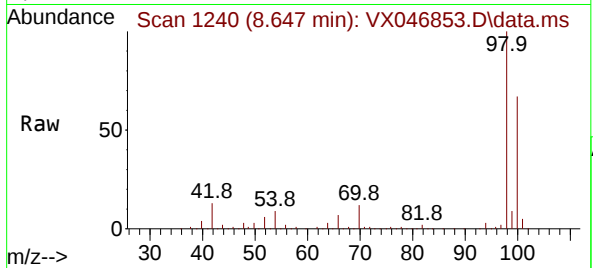




#50
Toluene-d8
Concen: 49.432 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

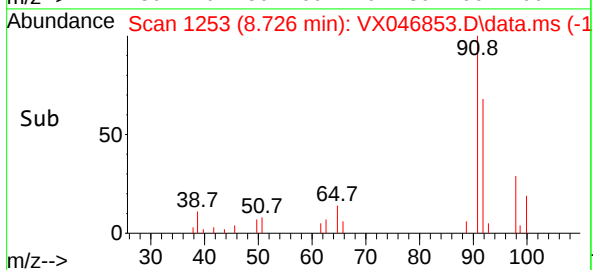
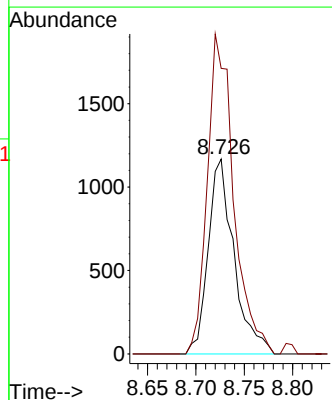
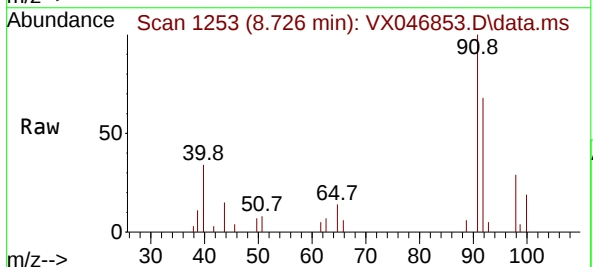
Instrument :
MSVOA_X
ClientSampleId :
MW1

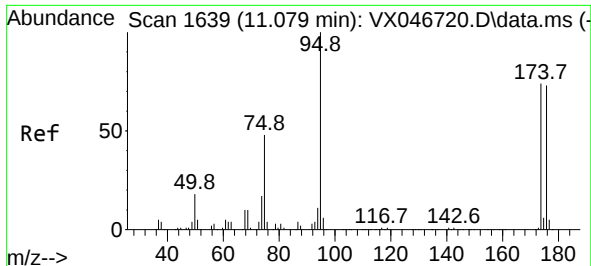
Tgt Ion: 98 Resp: 265443
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#52
Toluene
Concen: 0.548 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

Tgt Ion: 92 Resp: 2170
Ion Ratio Lower Upper
92 100
91 168.0 134.8 202.2





#62

4-Bromofluorobenzene

Concen: 51.290 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046853.D

Acq: 01 Jul 2025 12:36

Instrument :

MSVOA_X

ClientSampleId :

MW1

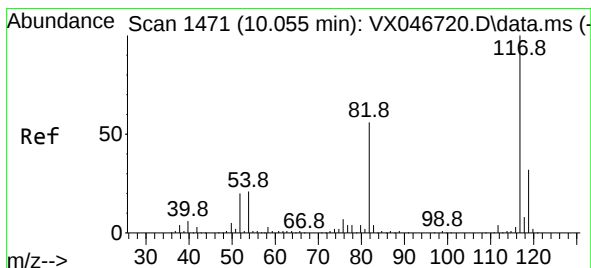
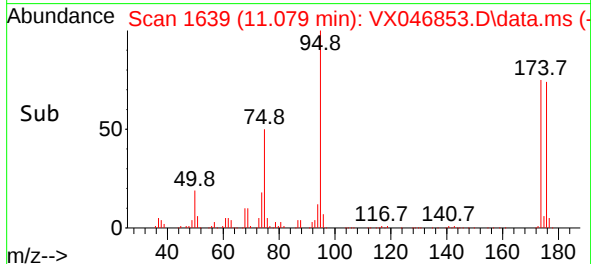
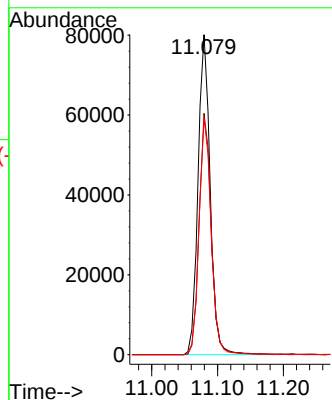
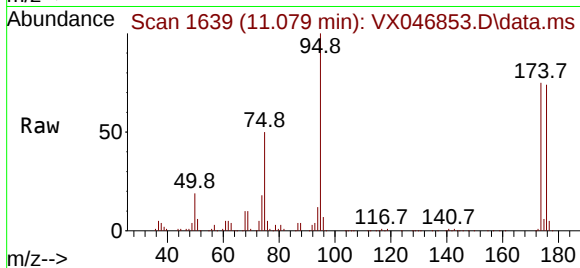
Tgt Ion: 95 Resp: 102666

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.4

176 73.7 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: VX046853.D

Acq: 01 Jul 2025 12:36

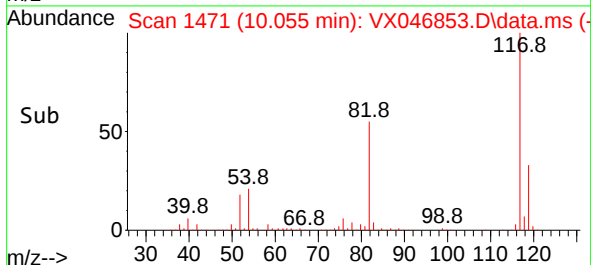
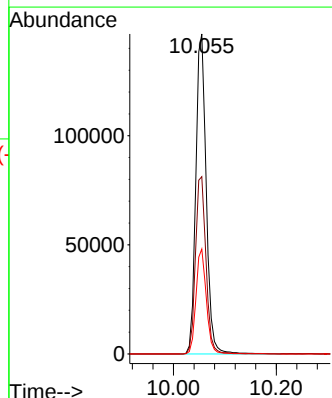
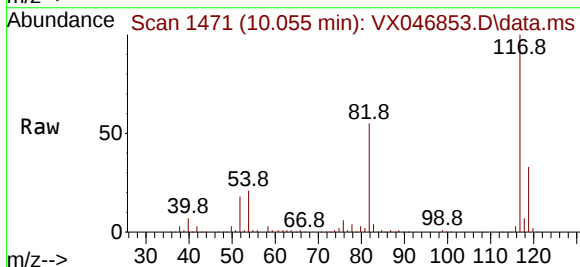
Tgt Ion: 117 Resp: 206621

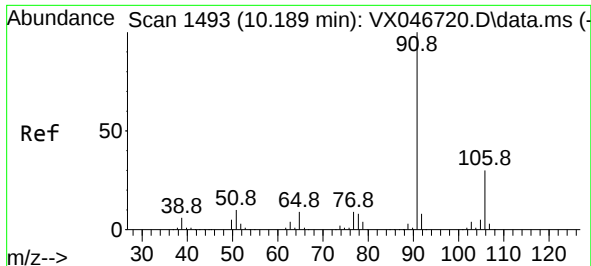
Ion Ratio Lower Upper

117 100

82 55.4 44.6 66.8

119 32.8 25.8 38.8





#67

Ethyl Benzene

Concen: 0.413 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046853.D

Acq: 01 Jul 2025 12:36

Instrument :

MSVOA_X

ClientSampleId :

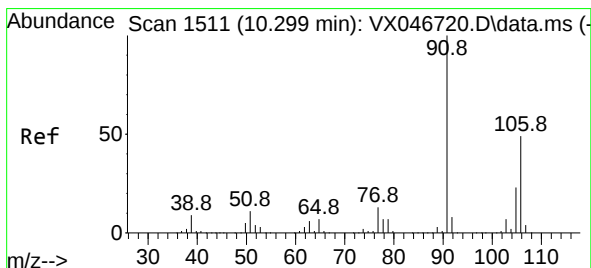
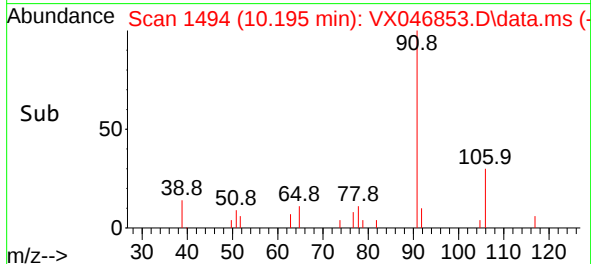
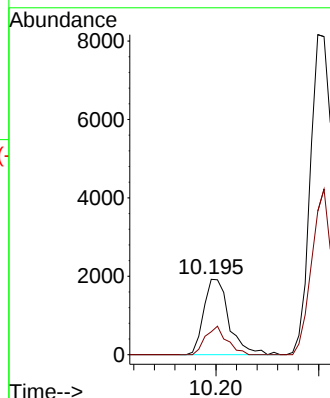
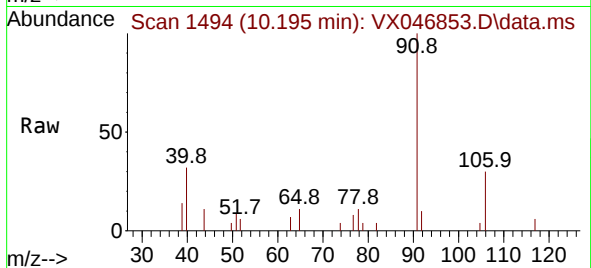
MW1

Tgt Ion: 91 Resp: 3289

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#68

m/p-Xylenes

Concen: 2.191 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046853.D

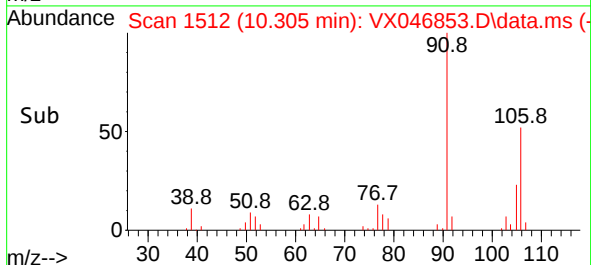
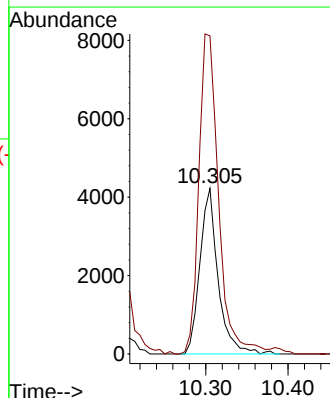
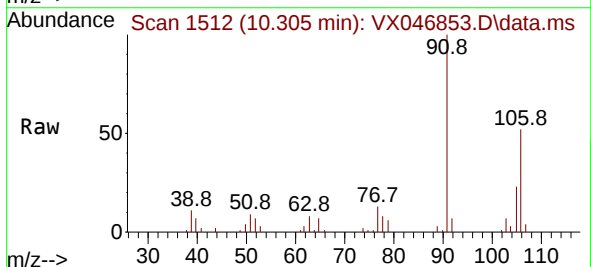
Acq: 01 Jul 2025 12:36

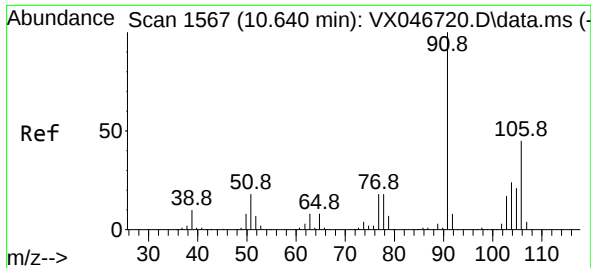
Tgt Ion: 106 Resp: 6507

Ion Ratio Lower Upper

106 100

91 209.5 164.8 247.2

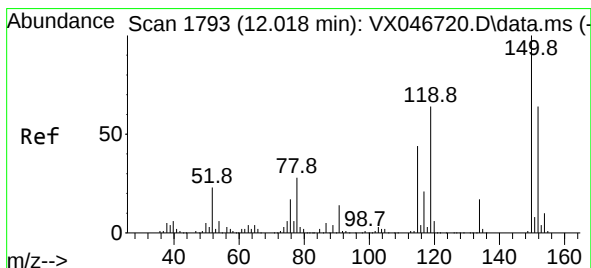
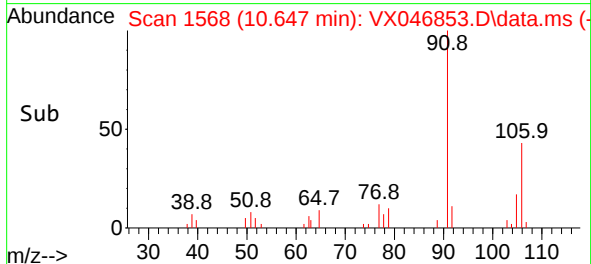
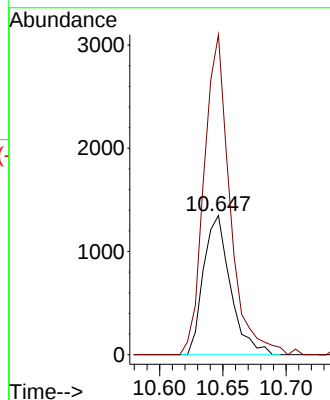
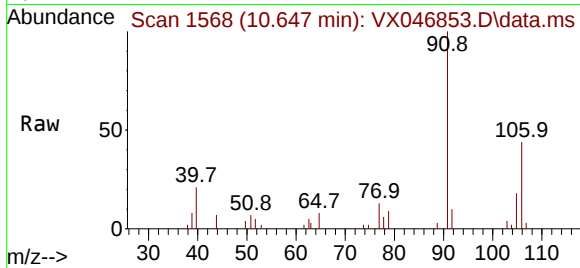




#69
o-Xylene
Concen: 0.719 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

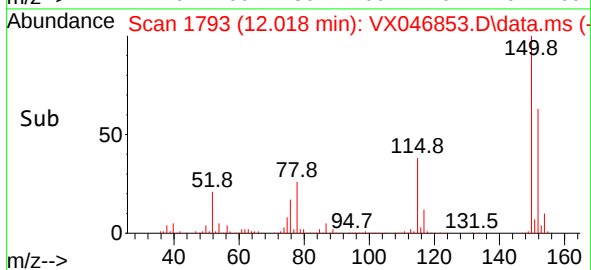
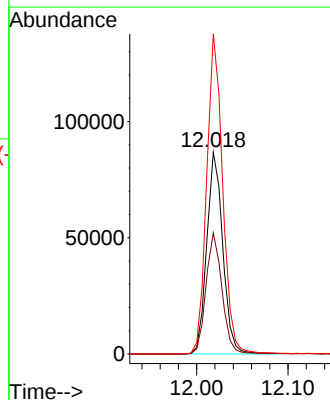
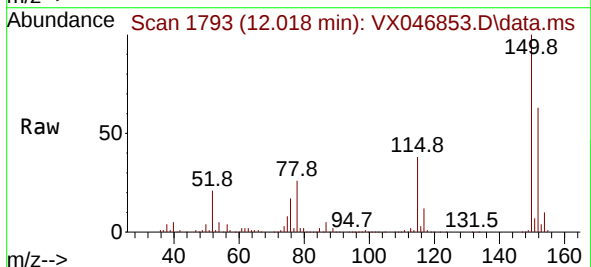
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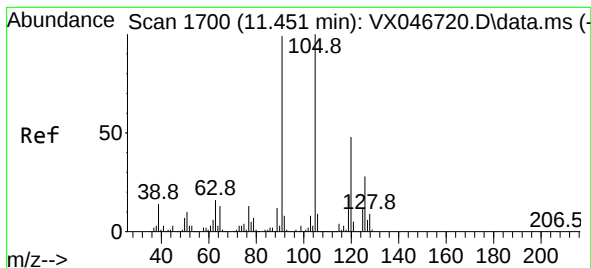
Tgt Ion:106 Resp: 2001
Ion Ratio Lower Upper
106 100
91 221.4 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046853.D
Acq: 01 Jul 2025 12:36

Tgt Ion:152 Resp: 105641
Ion Ratio Lower Upper
152 100
115 59.7 43.2 129.6
150 157.9 0.0 346.8

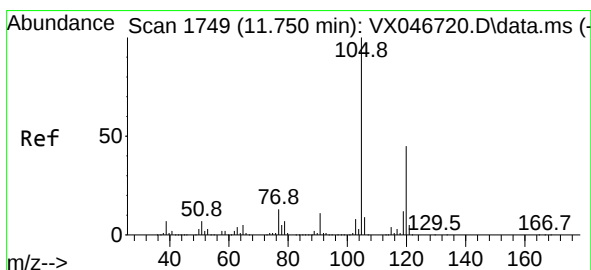
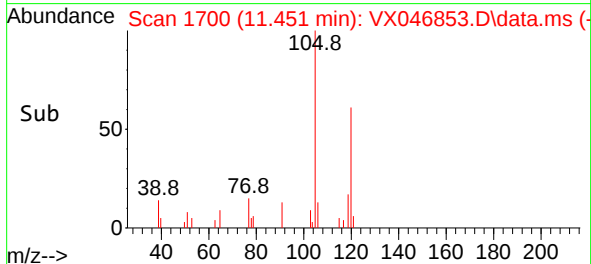
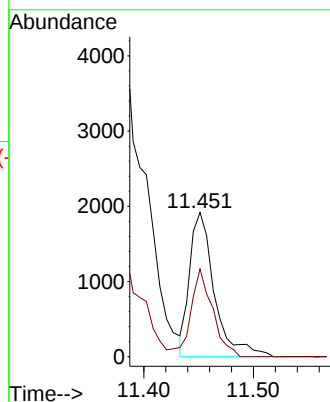
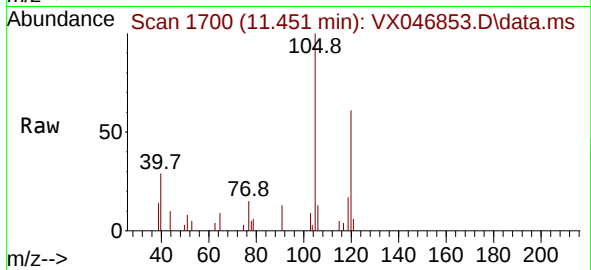




#80
 1,3,5-Trimethylbenzene
 Concen: 0.470 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046853.D
 Acq: 01 Jul 2025 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1

Tgt Ion:105 Resp: 3008
 Ion Ratio Lower Upper
 105 100
 120 52.6 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.404 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046853.D
 Acq: 01 Jul 2025 12:36

Tgt Ion:105 Resp: 9019
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.3

