

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046877.D
 Acq On : 03 Jul 2025 11:25
 Operator : JC/MD
 Sample : Q2455-02 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Jul 04 01:29:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

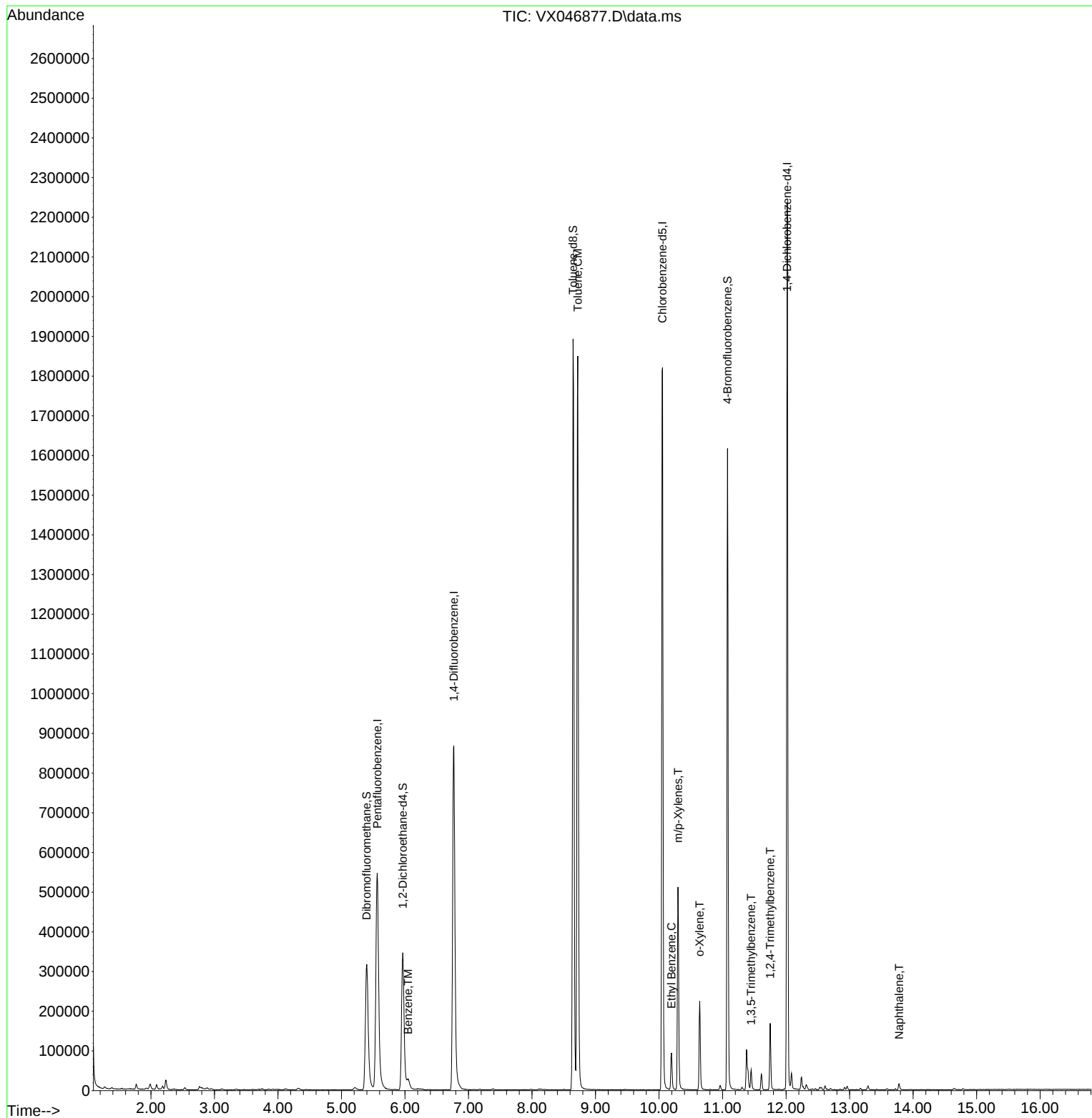
Internal Standards						
1) Pentafluorobenzene	5.562	168	569856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	963880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	868363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	447320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358094	47.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.140%
35) Dibromofluoromethane	5.397	113	304334	46.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	8.647	98	1139829	49.376	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	439767	50.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
					Qvalue	
40) Benzene	6.050	78	27880	1.044	ug/l	91
52) Toluene	8.720	92	725572	43.852	ug/l	98
67) Ethyl Benzene	10.195	91	57585	1.791	ug/l	97
68) m/p-Xylenes	10.299	106	120010	9.906	ug/l	99
69) o-Xylene	10.640	106	48832	4.173	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	24025	0.940	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	73871	2.860	ug/l	99
95) Naphthalene	13.780	128	12263	0.483	ug/l	98

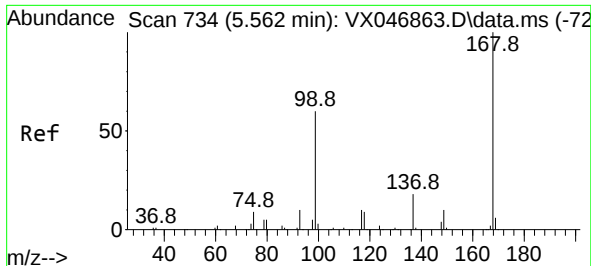
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

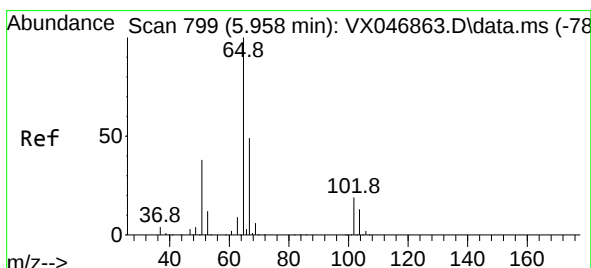
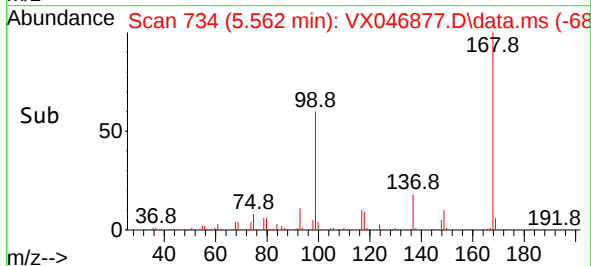
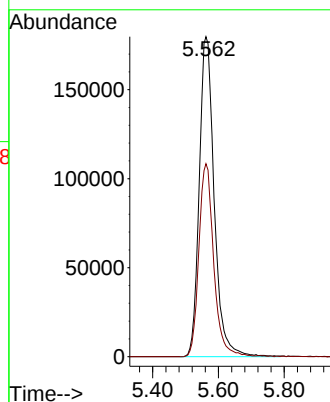
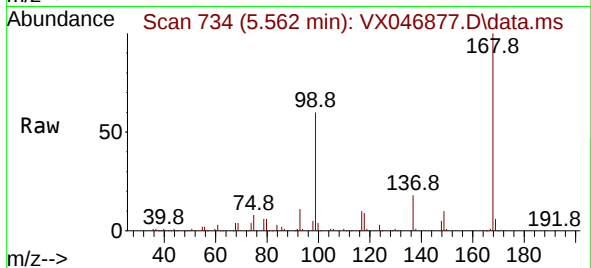




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

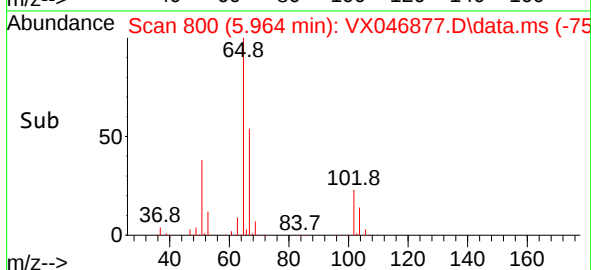
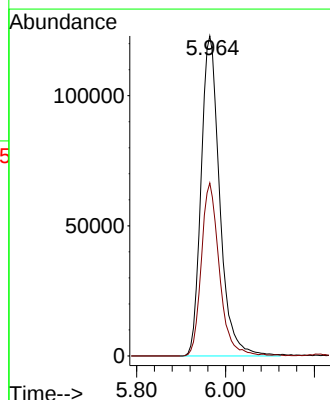
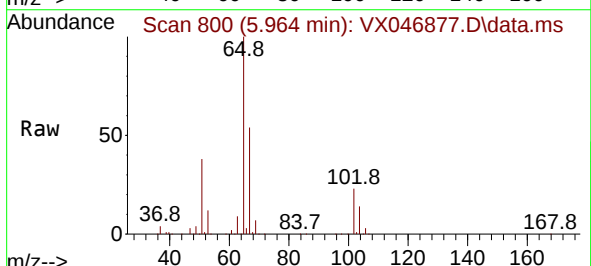
Instrument :
MSVOA_X
ClientSampleId :
MW3

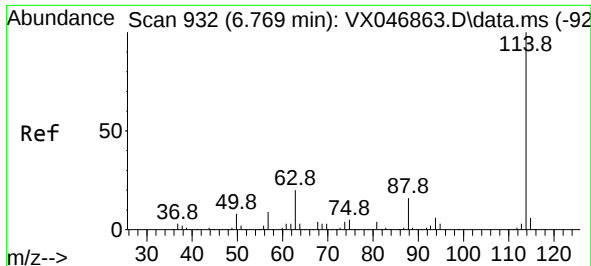
Tgt Ion:168 Resp: 569856
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 47.566 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 65 Resp: 358094
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

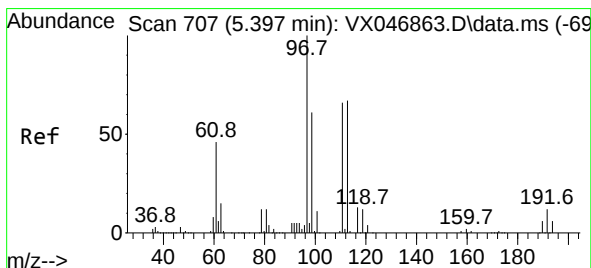
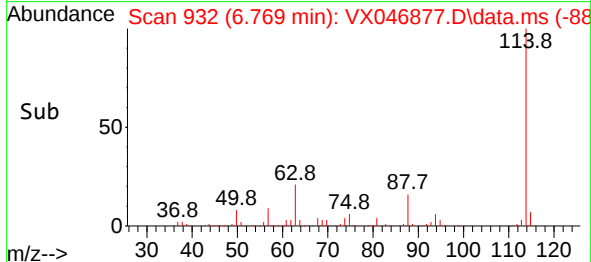
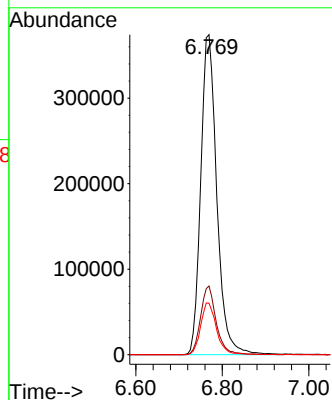
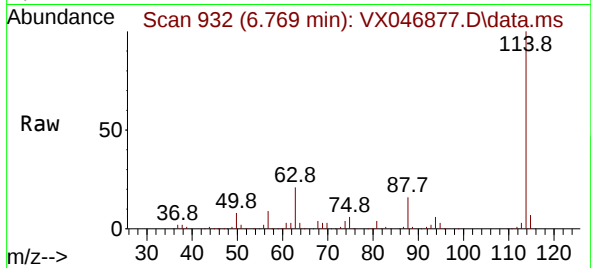




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

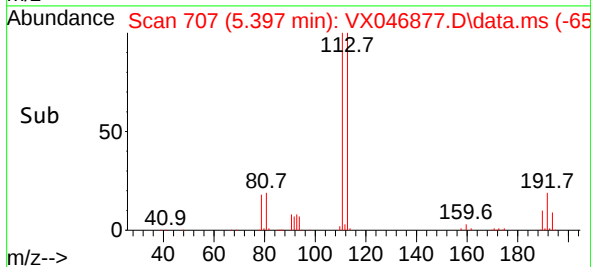
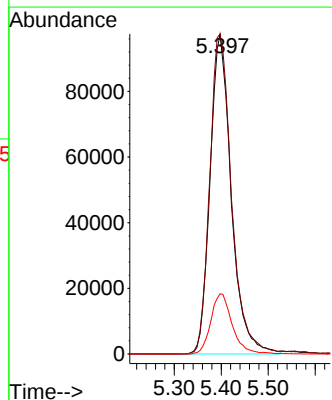
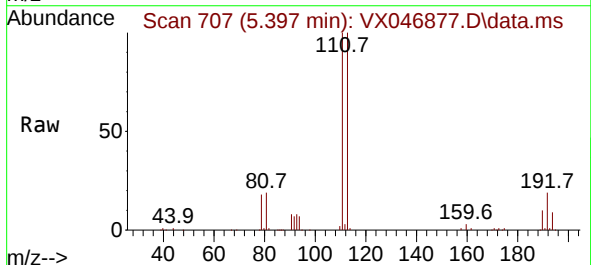
Instrument :
MSVOA_X
ClientSampleId :
MW3

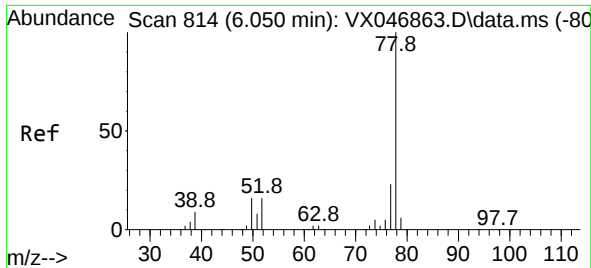
Tgt Ion:114 Resp: 963880
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 16.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 46.514 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:113 Resp: 304334
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 19.0 15.3 22.9

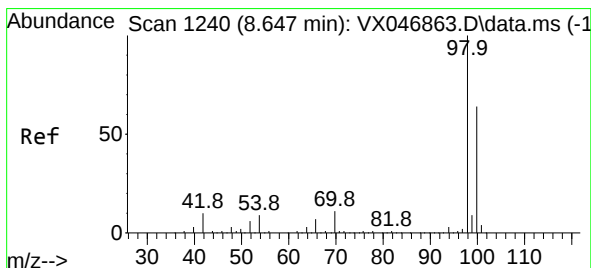
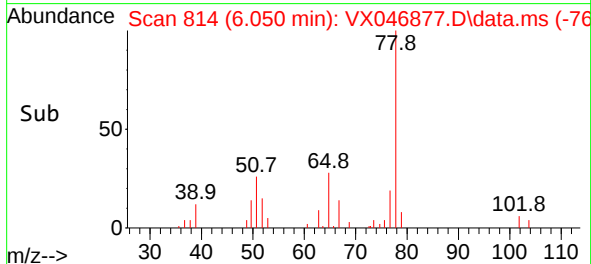
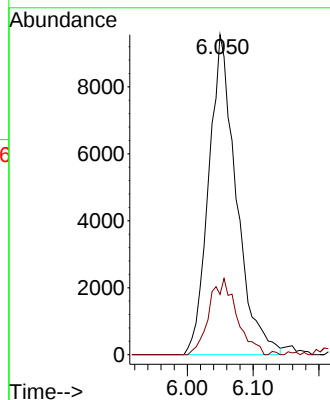
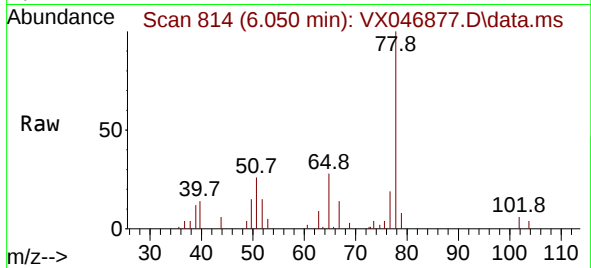




#40
Benzene
Concen: 1.044 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

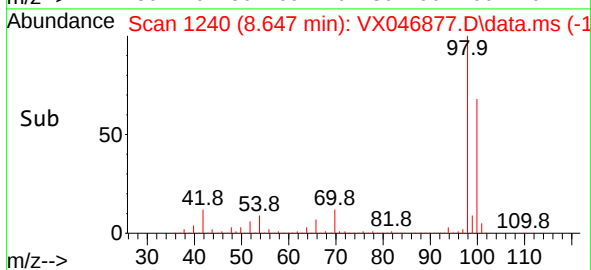
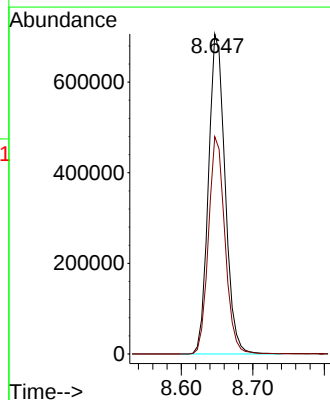
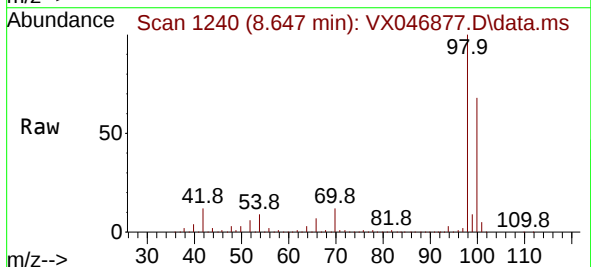
Instrument :
MSVOA_X
ClientSampleId :
MW3

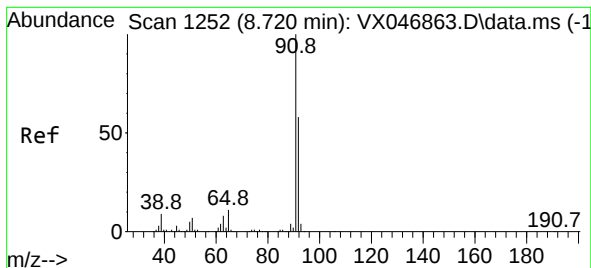
Tgt Ion: 78 Resp: 27880
Ion Ratio Lower Upper
78 100
77 18.8 18.7 28.1



#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 98 Resp: 1139829
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.6





#52

Toluene

Concen: 43.852 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046877.D

Acq: 03 Jul 2025 11:25

Instrument :

MSVOA_X

ClientSampleId :

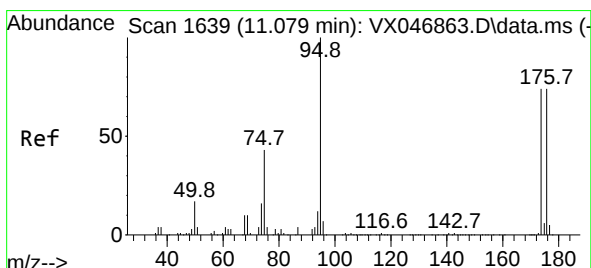
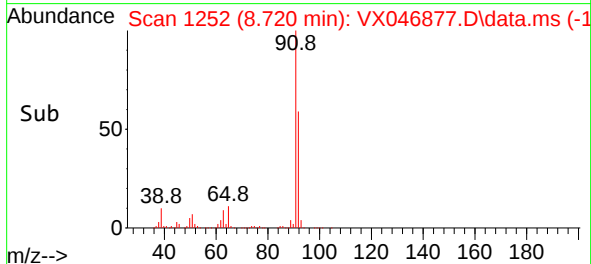
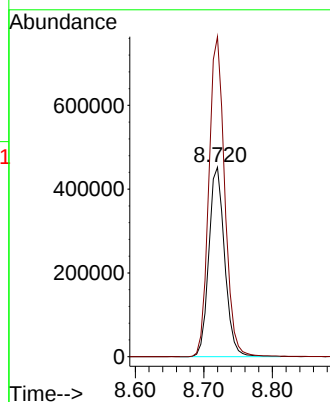
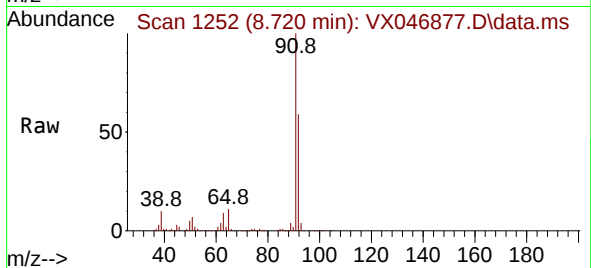
MW3

Tgt Ion: 92 Resp: 725572

Ion Ratio Lower Upper

92 100

91 169.6 137.9 206.9



#62

4-Bromofluorobenzene

Concen: 50.125 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046877.D

Acq: 03 Jul 2025 11:25

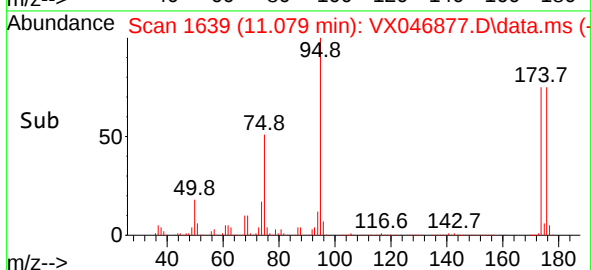
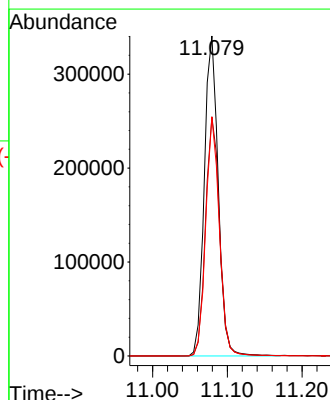
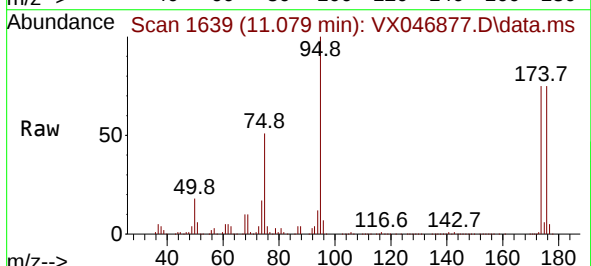
Tgt Ion: 95 Resp: 439767

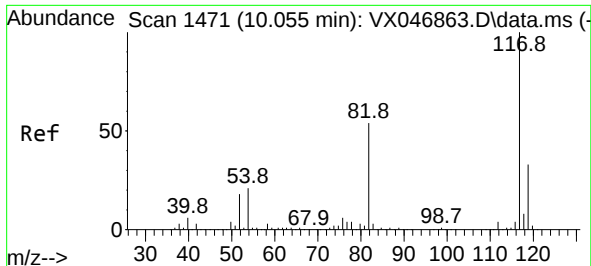
Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.0

176 72.9 0.0 145.2

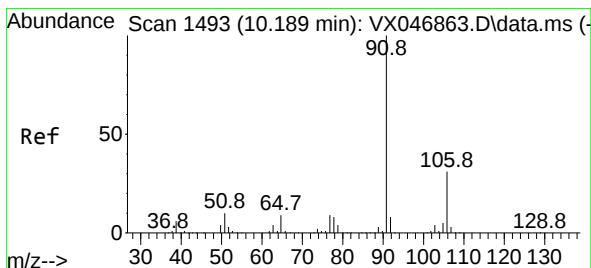
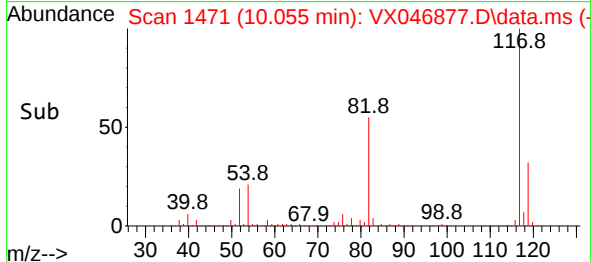
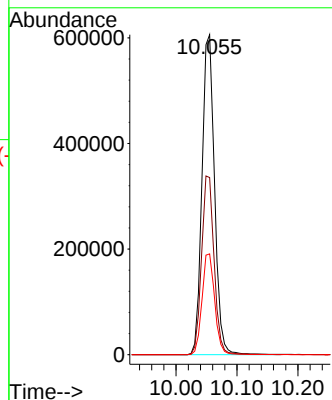
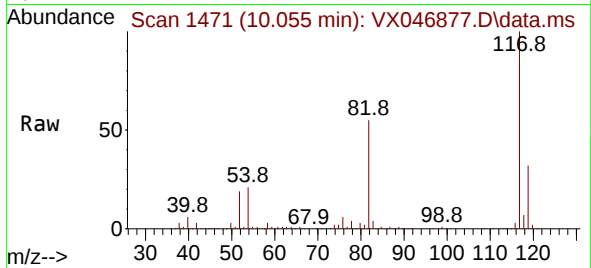




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

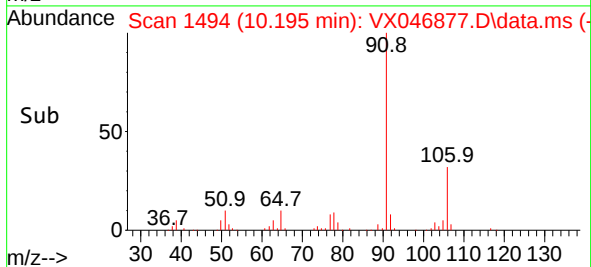
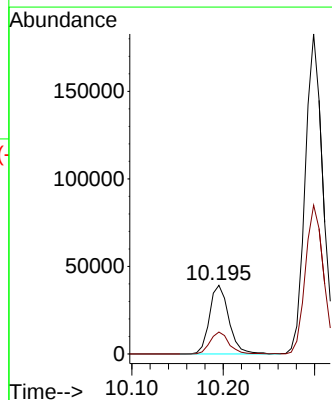
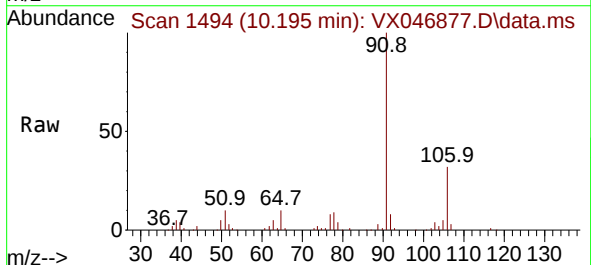
Instrument :
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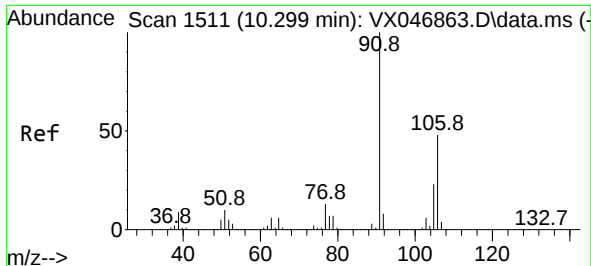
Tgt Ion:117 Resp: 868363
Ion Ratio Lower Upper
117 100
82 55.3 43.3 64.9
119 31.5 26.4 39.6



#67
Ethyl Benzene
Concen: 1.791 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 91 Resp: 57585
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6

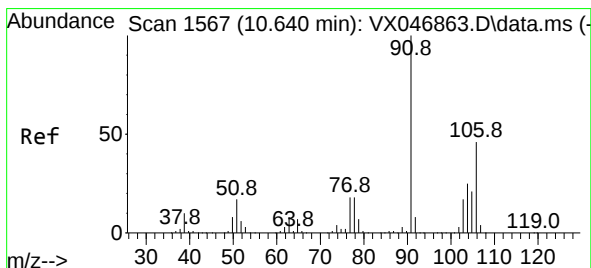
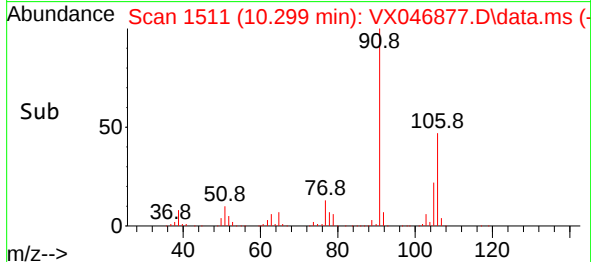
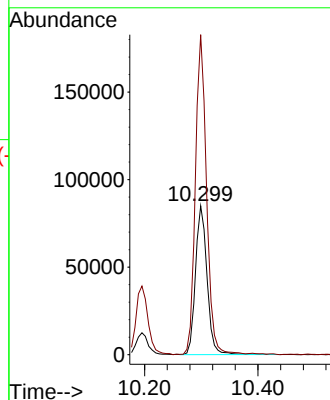
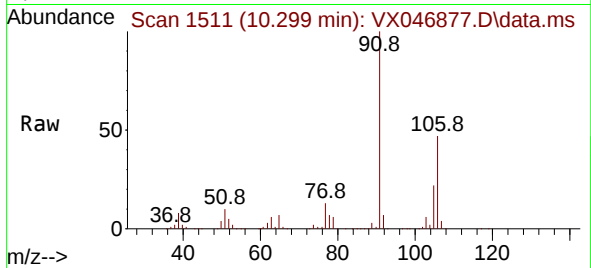




#68
m/p-Xylenes
Concen: 9.906 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

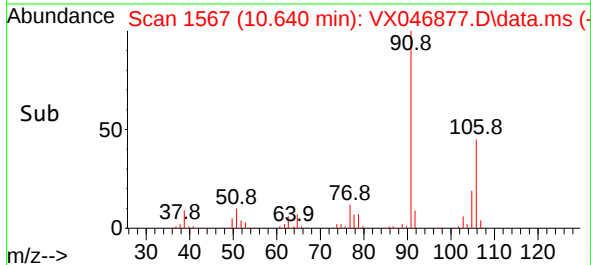
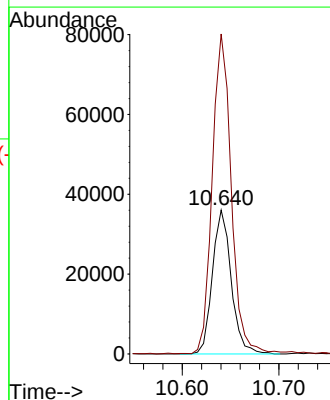
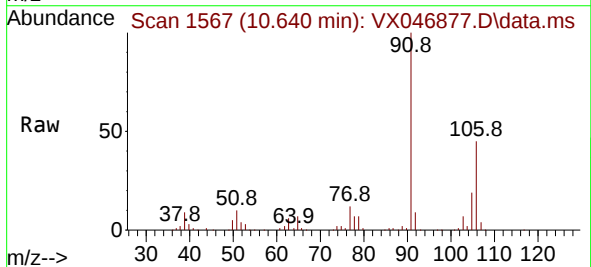
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ClientSampleId :
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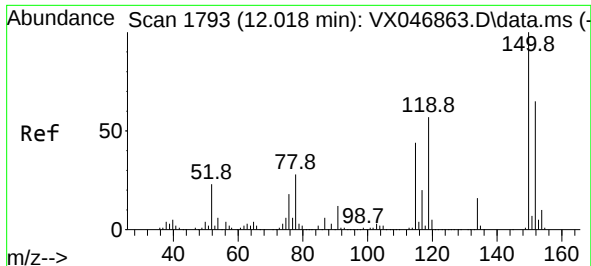
Tgt Ion:106 Resp: 120010
Ion Ratio Lower Upper
106 100
91 207.5 164.6 246.8



#69
o-Xylene
Concen: 4.173 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:106 Resp: 48832
Ion Ratio Lower Upper
106 100
91 224.1 109.5 328.5

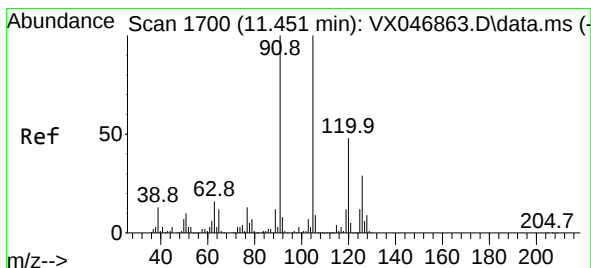
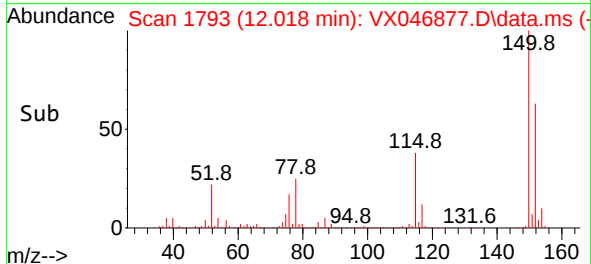
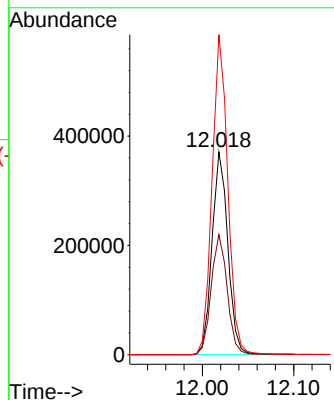
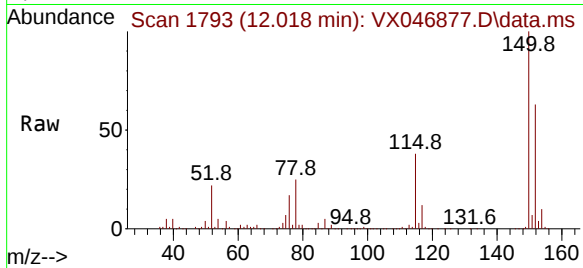




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

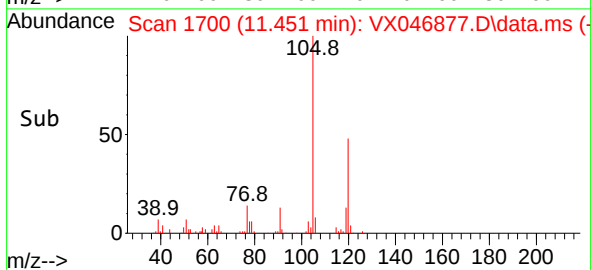
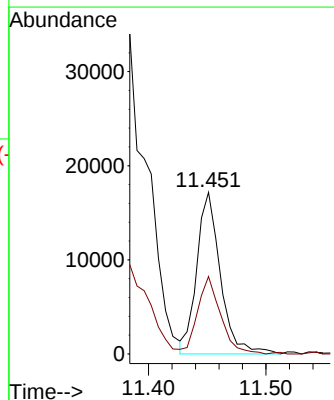
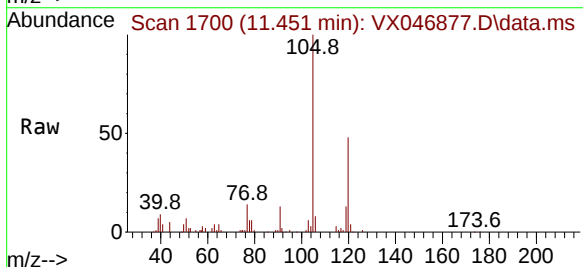
Instrument :
MSVOA_X
ClientSampleId :
MW3

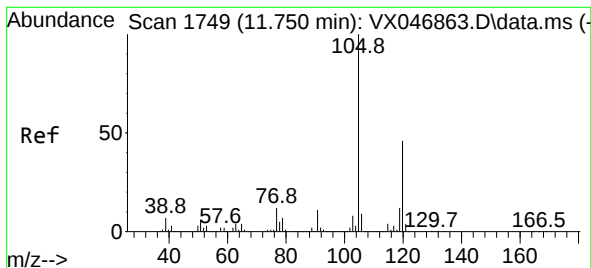
Tgt Ion:152 Resp: 447320
Ion Ratio Lower Upper
152 100
115 60.0 42.4 127.1
150 156.8 0.0 349.2



#80
1,3,5-Trimethylbenzene
Concen: 0.940 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:105 Resp: 24025
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 2.860 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046877.D

Acq: 03 Jul 2025 11:25

Instrument :

MSVOA_X

ClientSampleId :

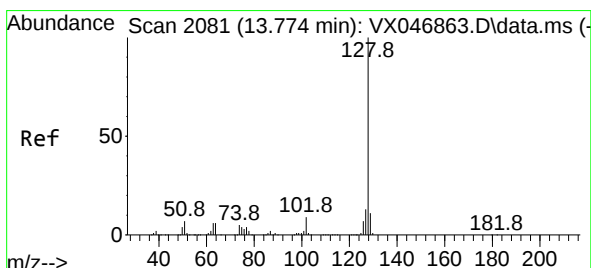
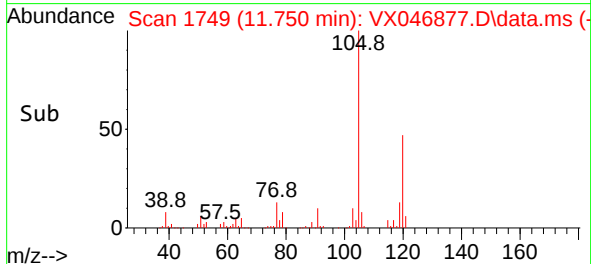
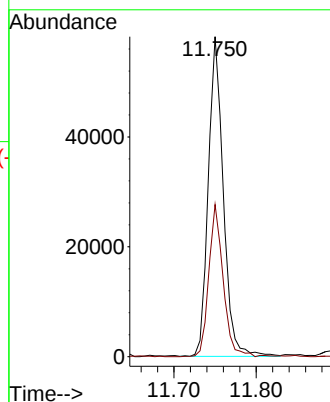
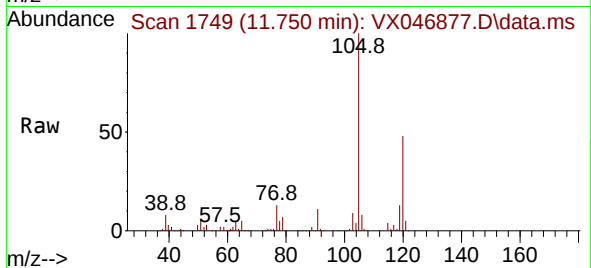
MW3

Tgt Ion:105 Resp: 73871

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8



#95

Naphthalene

Concen: 0.483 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX046877.D

Acq: 03 Jul 2025 11:25

Tgt Ion:128 Resp: 12263

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 12.0 8.6 13.0

