

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046854.D
 Acq On : 01 Jul 2025 12:57
 Operator : JC/MD
 Sample : Q2455-02 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Jul 02 01:40:39 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)

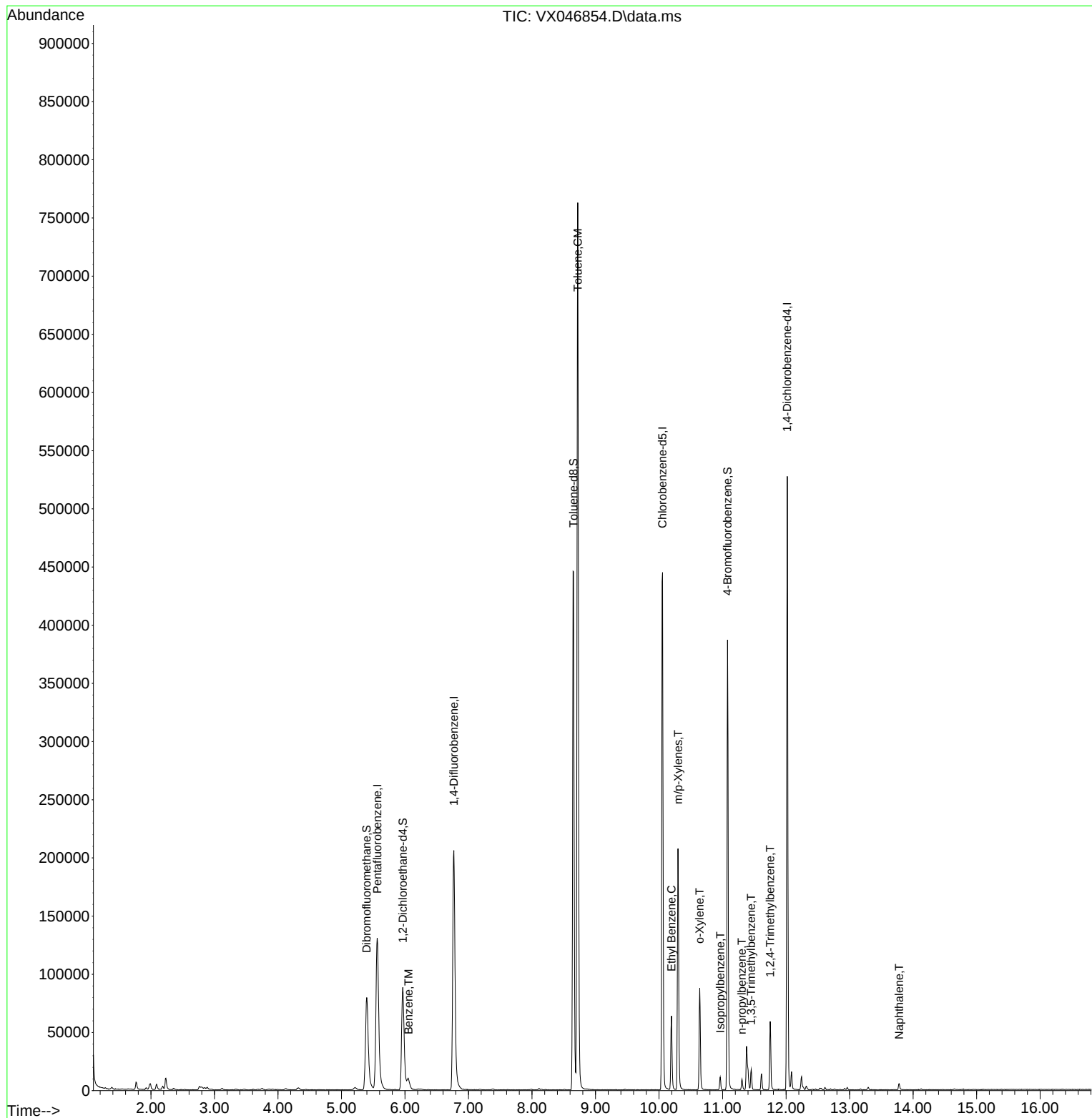
Internal Standards						
1) Pentafluorobenzene	5.562	168	136566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92872	49.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.340%
35) Dibromofluoromethane	5.397	113	76420	50.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	8.653	98	274804	50.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.079	95	105885	52.240	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.480%
Target Compounds						
					Qvalue	
40) Benzene	6.056	78	10382	1.606	ug/l	95
52) Toluene	8.720	92	295122	73.628	ug/l	99
67) Ethyl Benzene	10.195	91	37855	4.642	ug/l	99
68) m/p-Xylenes	10.299	106	48516	15.968	ug/l	98
69) o-Xylene	10.640	106	20047	7.040	ug/l	96
73) Isopropylbenzene	10.963	105	5901	0.750	ug/l	98
78) n-propylbenzene	11.305	91	6414	0.687	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	9013	1.395	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	27581	4.248	ug/l	99
95) Naphthalene	13.780	128	4691	0.672	ug/l	98

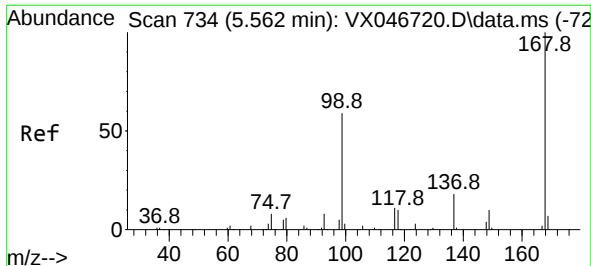
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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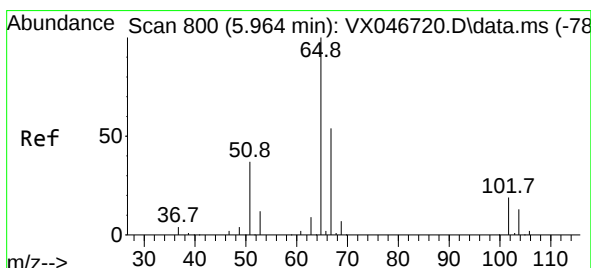
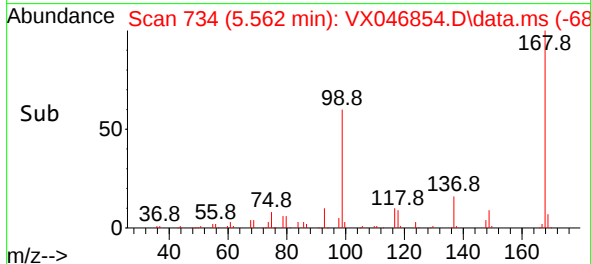
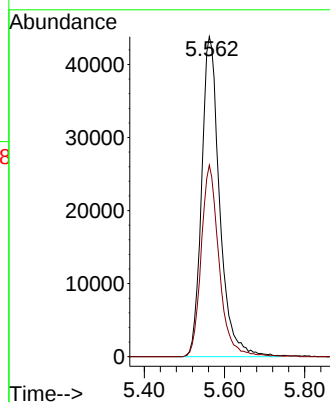
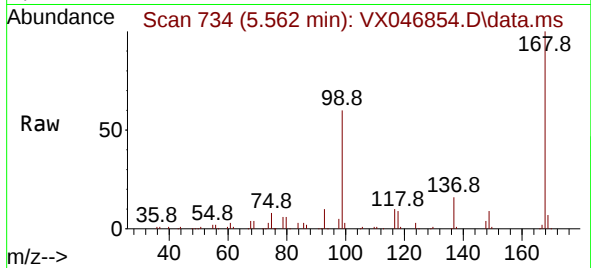




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

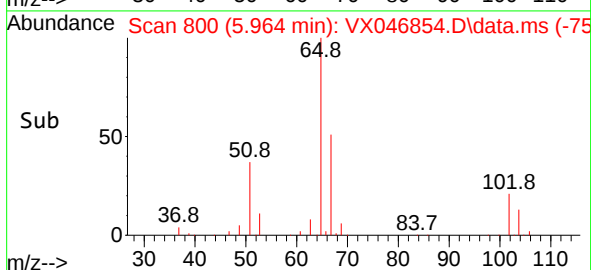
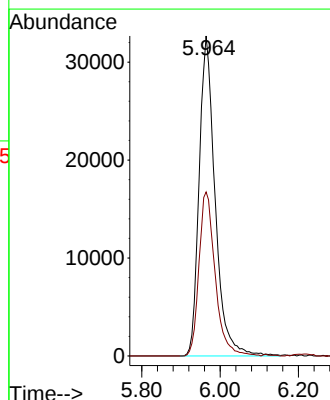
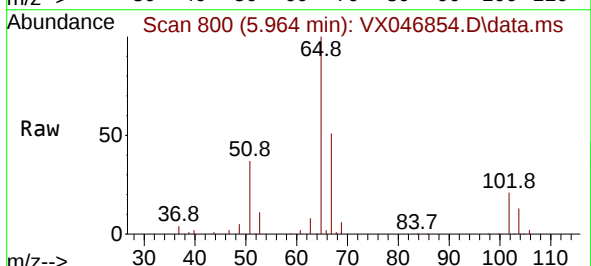
Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:168 Resp: 136566
Ion Ratio Lower Upper
168 100
99 59.9 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 49.166 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion: 65 Resp: 92872
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

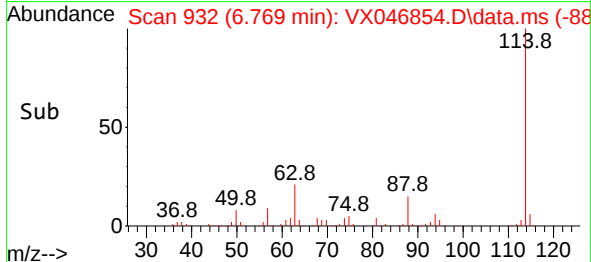
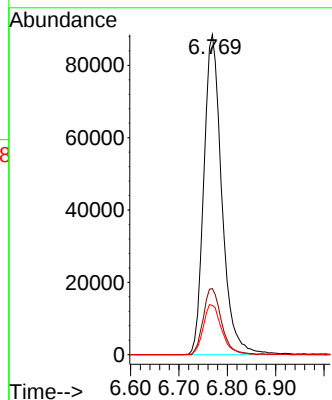
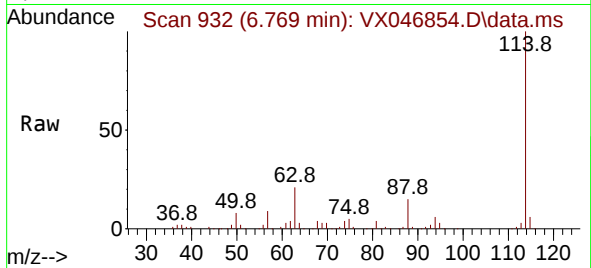




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

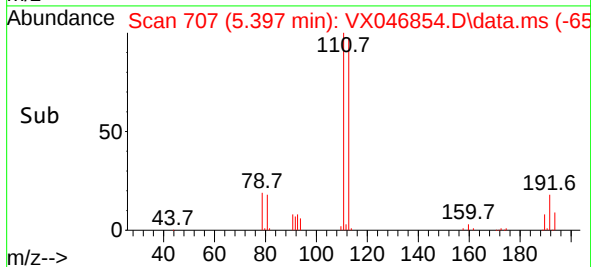
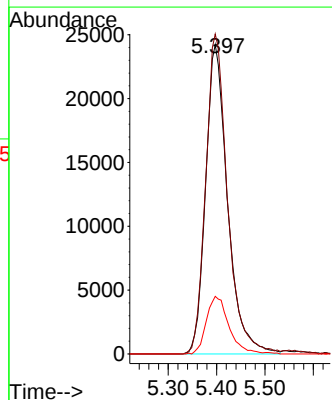
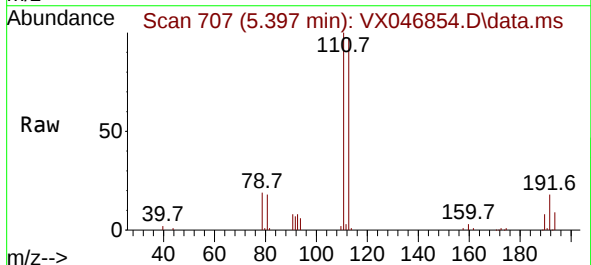
Instrument :
MSVOA_X
ClientSampleId :
MW3

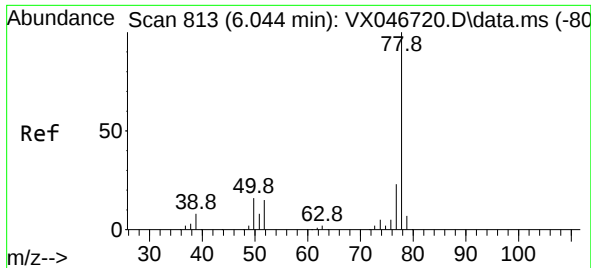
Tgt Ion:114 Resp: 228743
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.494 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion:113 Resp: 76420
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 19.0 15.3 22.9





#40

Benzene

Concen: 1.606 ug/l

RT: 6.056 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX046854.D

Acq: 01 Jul 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

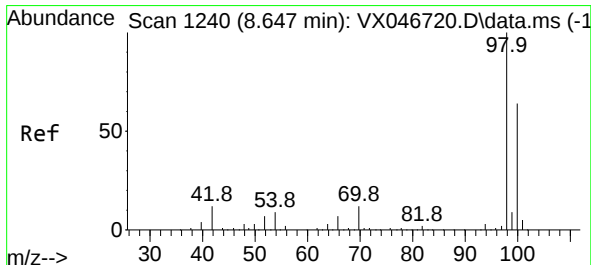
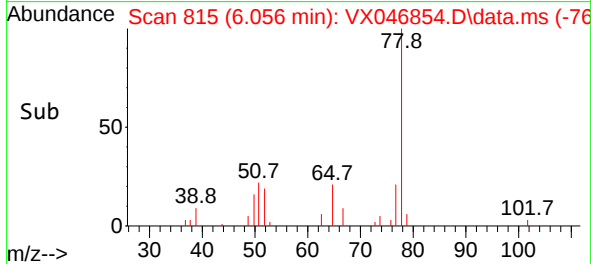
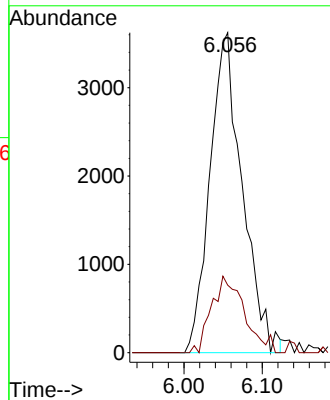
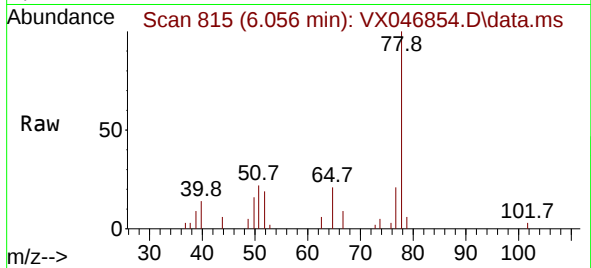
MW3

Tgt Ion: 78 Resp: 10382

Ion Ratio Lower Upper

78 100

77 21.1 18.8 28.2



#50

Toluene-d8

Concen: 50.539 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046854.D

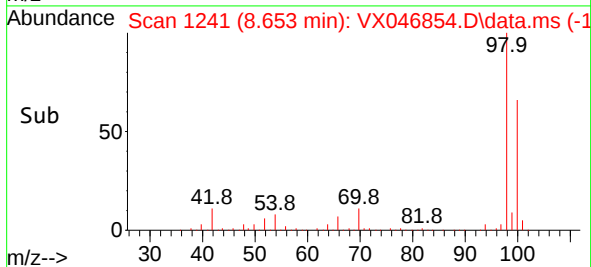
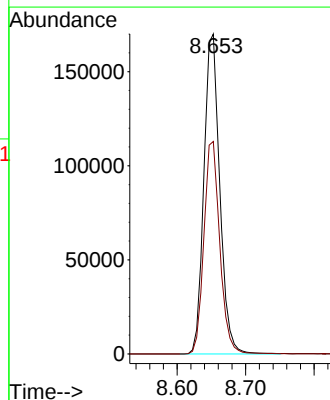
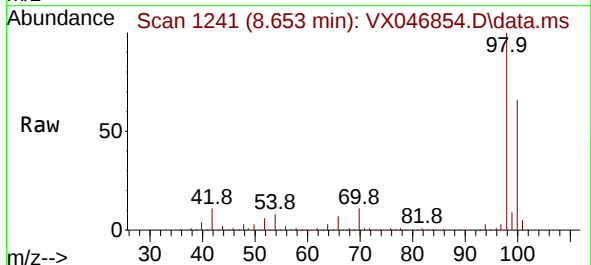
Acq: 01 Jul 2025 12:57

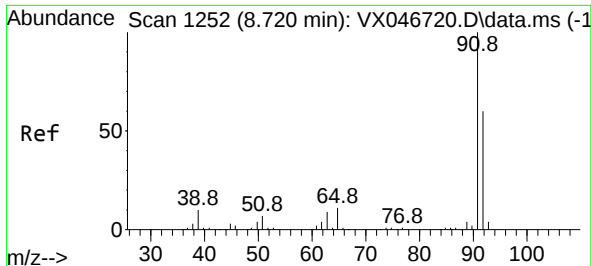
Tgt Ion: 98 Resp: 274804

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

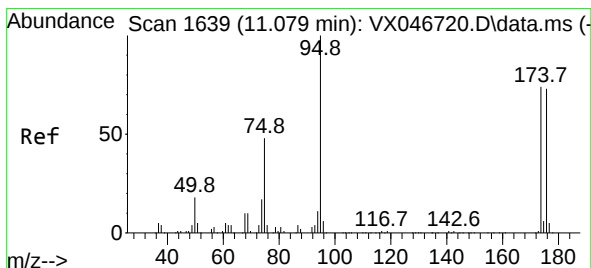
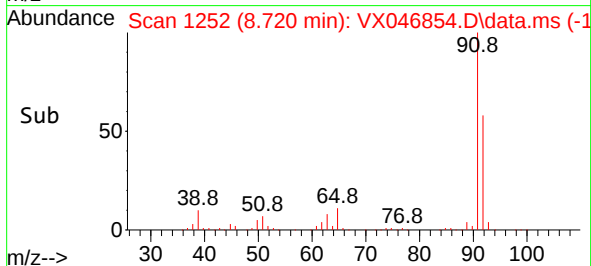
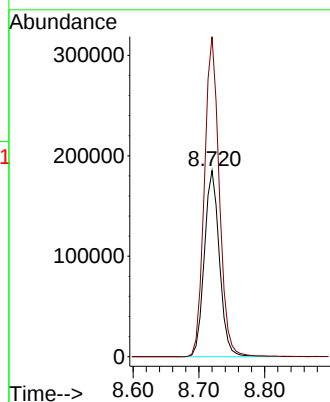
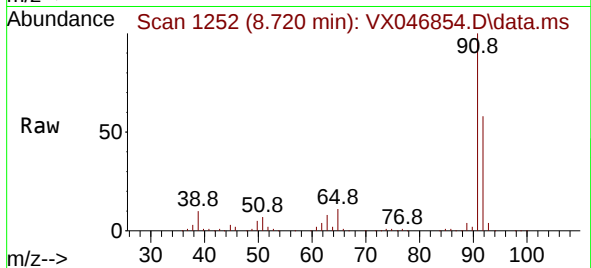




#52
Toluene
Concen: 73.628 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

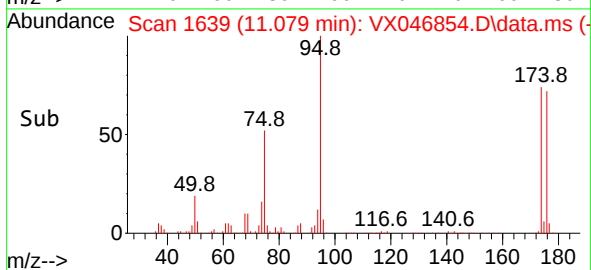
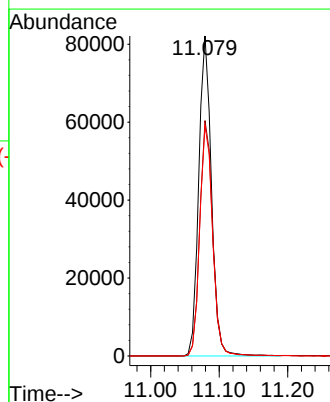
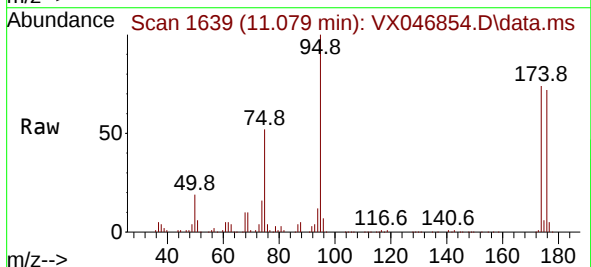
Instrument :
MSVOA_X
ClientSampleId :
MW3

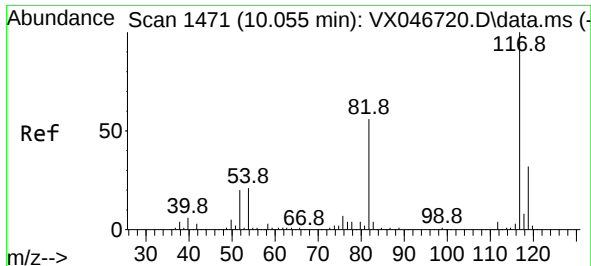
Tgt Ion: 92 Resp: 295122
Ion Ratio Lower Upper
92 100
91 170.1 134.8 202.2



#62
4-Bromofluorobenzene
Concen: 52.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion: 95 Resp: 105885
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.4
176 73.3 0.0 145.0

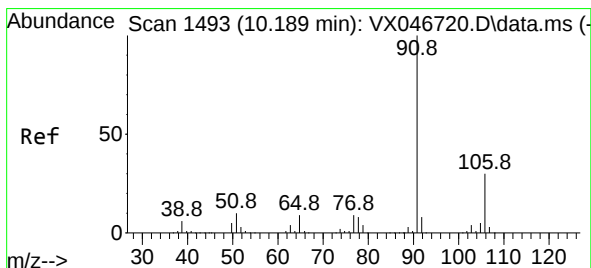
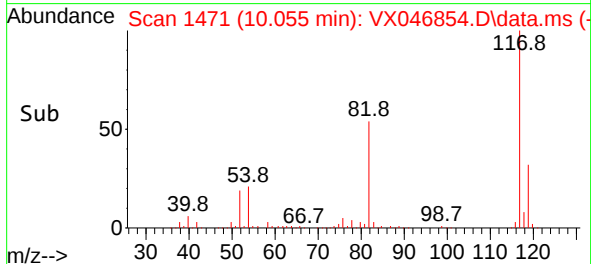
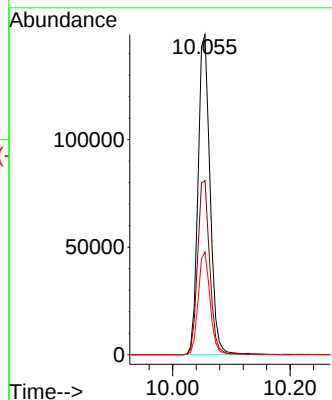
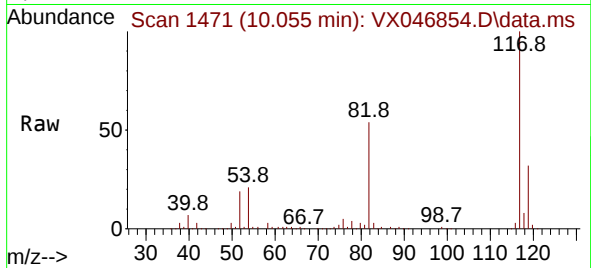




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

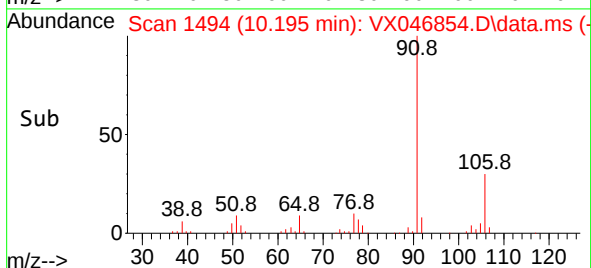
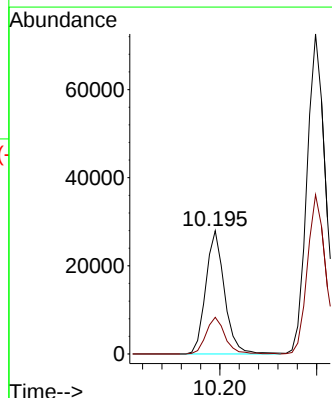
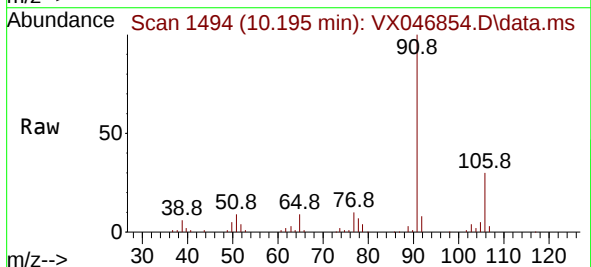
Instrument :
MSVOA_X
ClientSampleId :
MW3

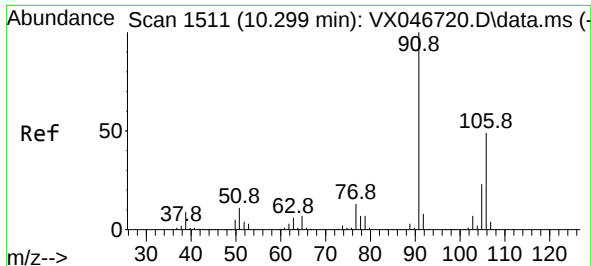
Tgt Ion:117 Resp: 211414
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 32.2 25.8 38.8



#67
Ethyl Benzene
Concen: 4.642 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion: 91 Resp: 37855
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

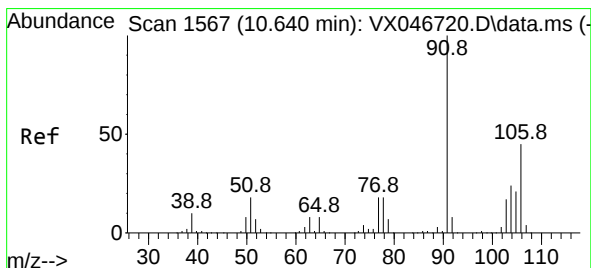
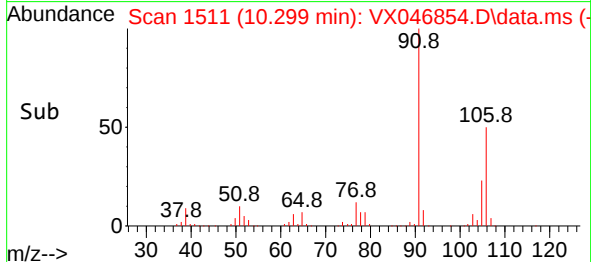
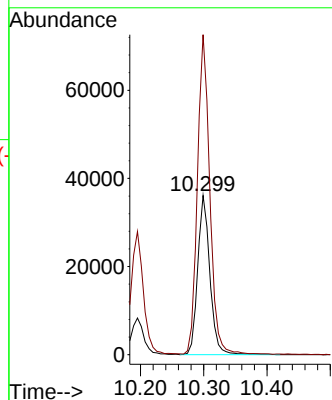
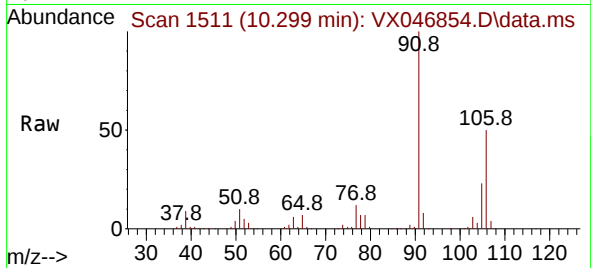




#68
m/p-Xylenes
Concen: 15.968 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

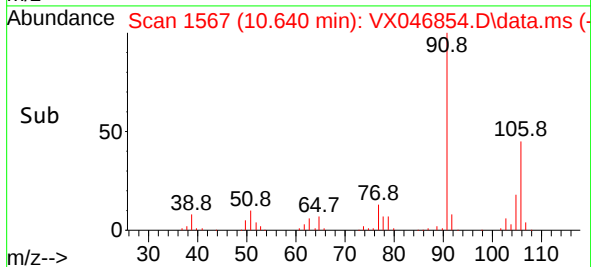
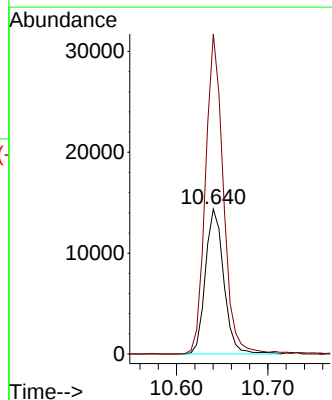
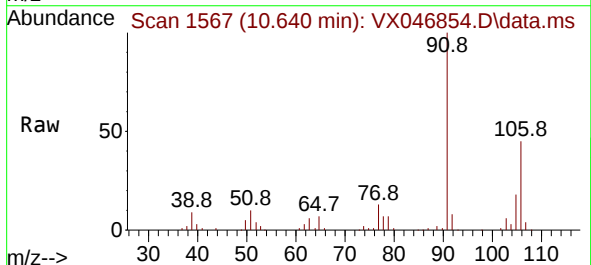
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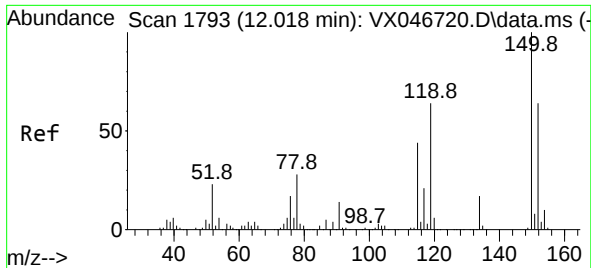
Tgt Ion:106 Resp: 48516
Ion Ratio Lower Upper
106 100
91 203.5 164.8 247.2



#69
o-Xylene
Concen: 7.040 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion:106 Resp: 20047
Ion Ratio Lower Upper
106 100
91 216.6 111.3 333.9

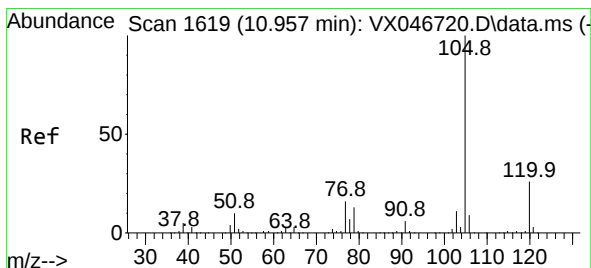
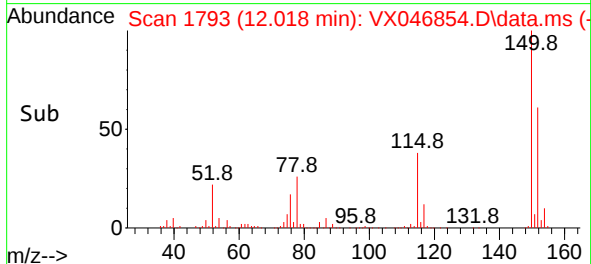
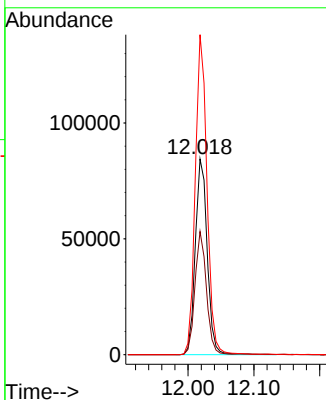
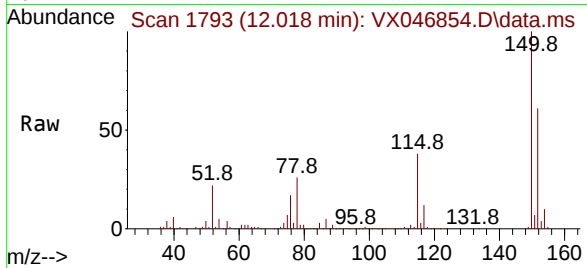




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

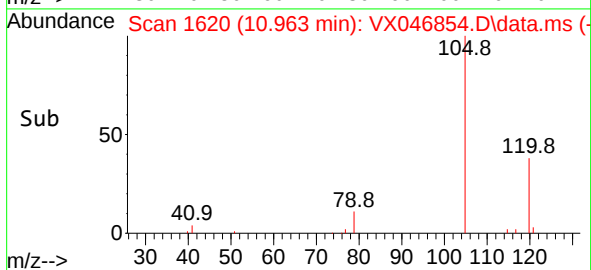
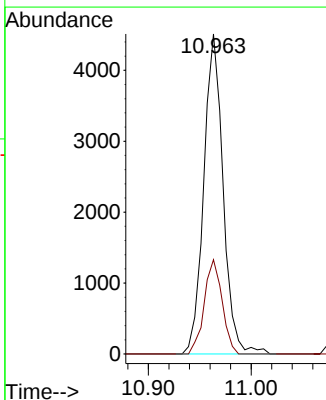
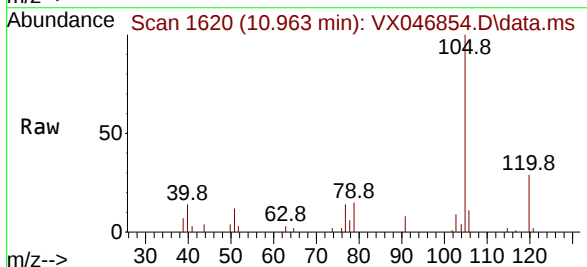
Instrument :
MSVOA_X
ClientSampleId :
MW3

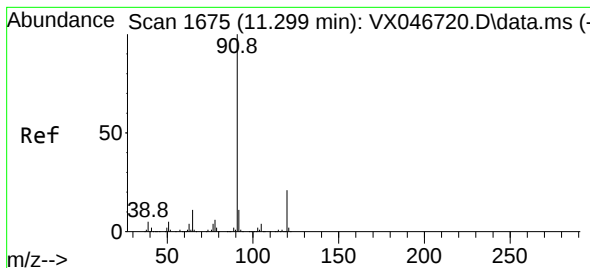
Tgt Ion:152 Resp: 106783
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 160.2 0.0 346.8



#73
Isopropylbenzene
Concen: 0.750 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion:105 Resp: 5901
Ion Ratio Lower Upper
105 100
120 27.2 13.0 39.0





#78

n-propylbenzene

Concen: 0.687 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046854.D

Acq: 01 Jul 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

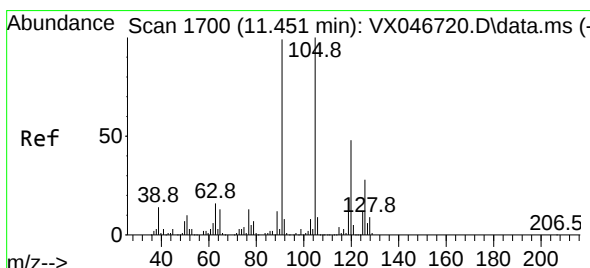
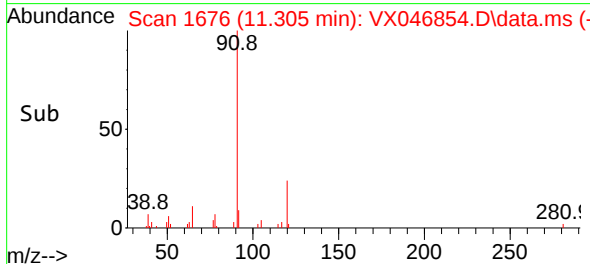
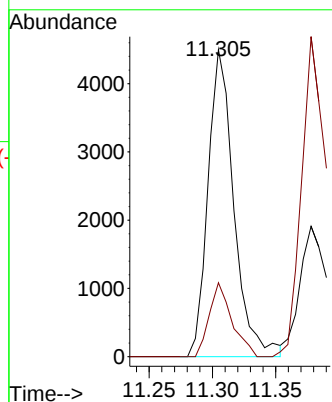
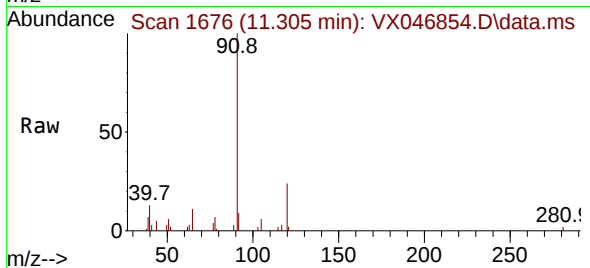
MW3

Tgt Ion: 91 Resp: 6414

Ion Ratio Lower Upper

91 100

120 21.1 11.4 34.1



#80

1,3,5-Trimethylbenzene

Concen: 1.395 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046854.D

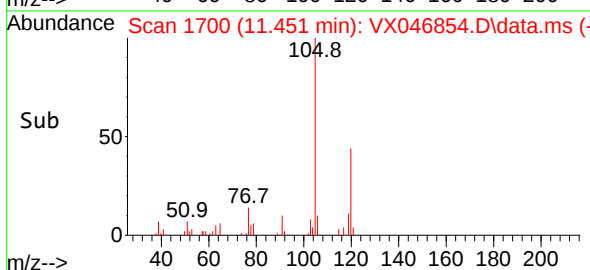
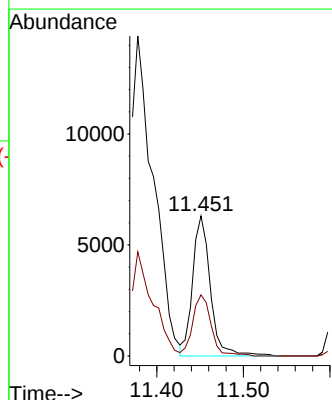
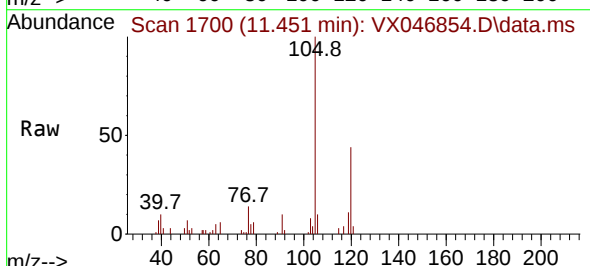
Acq: 01 Jul 2025 12:57

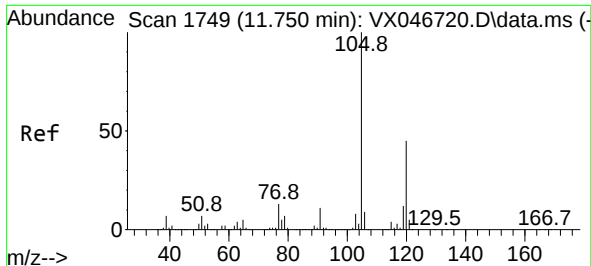
Tgt Ion: 105 Resp: 9013

Ion Ratio Lower Upper

105 100

120 45.0 24.1 72.2

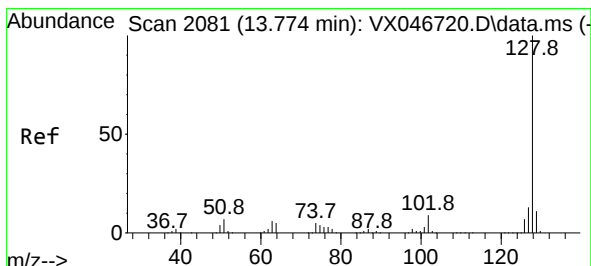
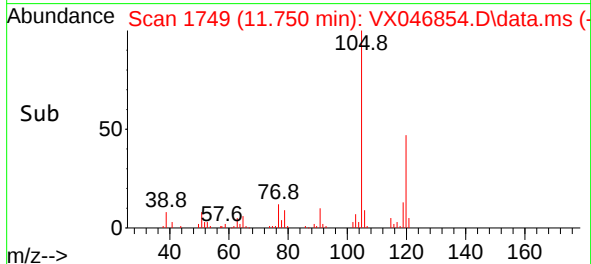
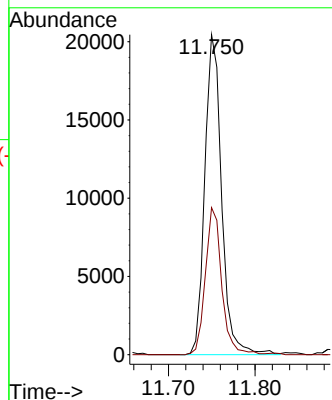
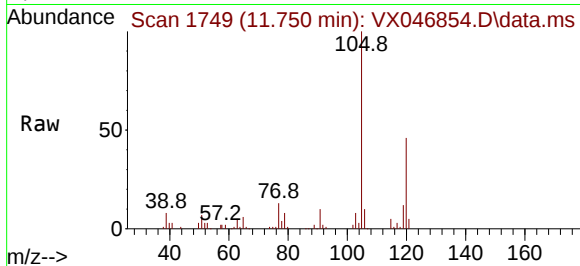




#84
1,2,4-Trimethylbenzene
Concen: 4.248 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:105 Resp: 27581
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3



#95
Naphthalene
Concen: 0.672 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046854.D
Acq: 01 Jul 2025 12:57

Tgt Ion:128 Resp: 4691
Ion Ratio Lower Upper
128 100
127 11.7 10.1 15.1
129 11.9 8.7 13.1

