

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046336.D
 Acq On : 23 May 2025 11:46
 Operator : JC/MD
 Sample : Q2075-06ME
 Misc : 8.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS-MW1-11.5ME

Quant Time: May 23 12:11:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

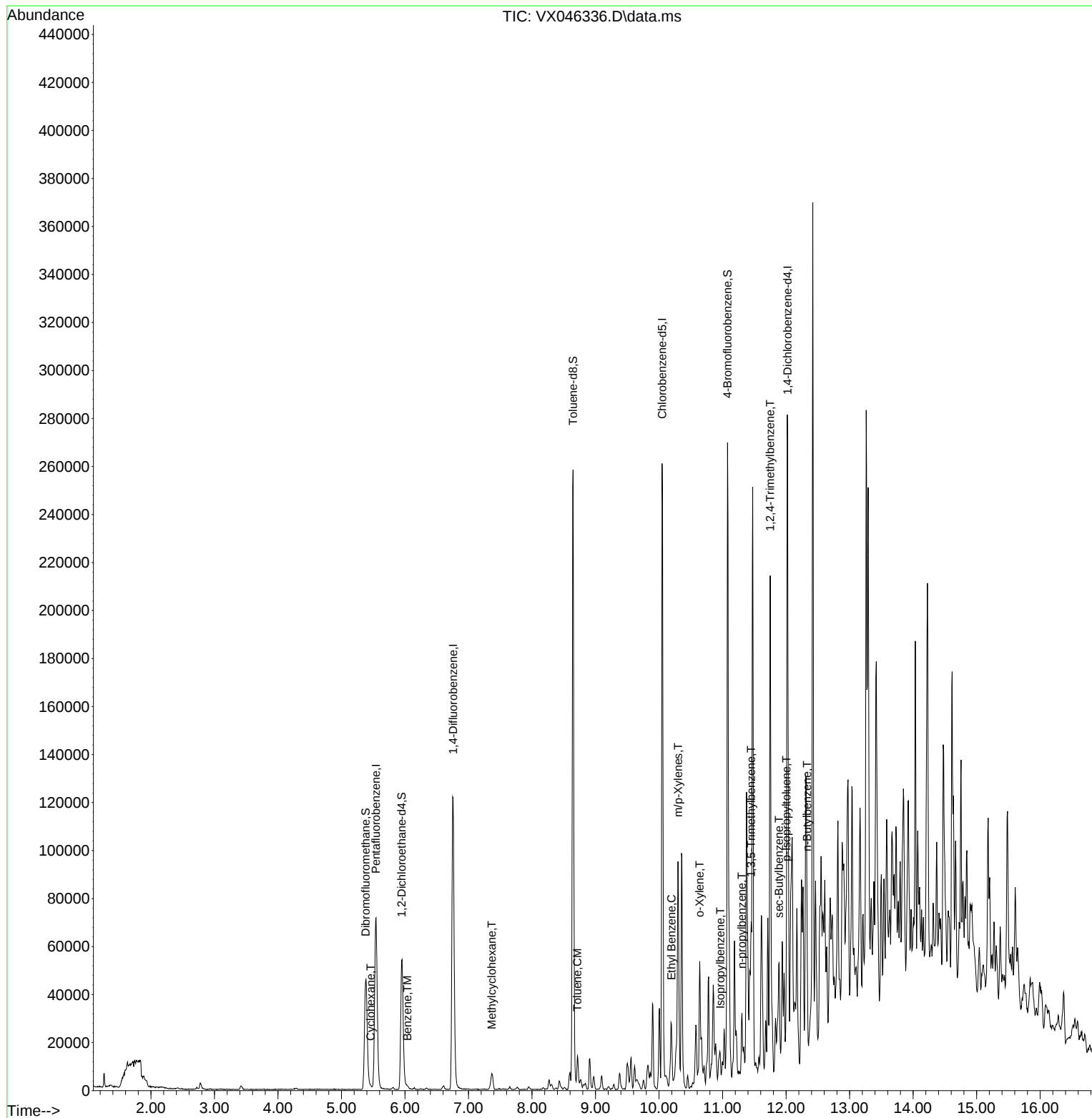
Internal Standards						
1) Pentafluorobenzene	5.544	168	61392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	110366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	58363	50.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.980%			
35) Dibromofluoromethane	5.379	113	41500	48.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.647	98	150629	50.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	58615	51.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.960%			
Target Compounds					Qvalue	
31) Cyclohexane	5.458	56	676	0.496	ug/l #	95
39) Methylcyclohexane	7.367	83	2823	1.903	ug/l	85
40) Benzene	6.037	78	1650	0.489	ug/l #	87
52) Toluene	8.714	92	5245	2.534	ug/l	98
67) Ethyl Benzene	10.195	91	14088	3.308	ug/l	89
68) m/p-Xylenes	10.299	106	19090	12.258	ug/l	98
69) o-Xylene	10.640	106	10725	7.064	ug/l	98
73) Isopropylbenzene	10.963	105	4939	1.303	ug/l	92
78) n-propylbenzene	11.305	91	17106	3.882	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	21294	6.725	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	79105	24.671	ug/l	98
85) sec-Butylbenzene	11.890	105	7610	1.943	ug/l	95
86) p-Isopropyltoluene	12.006	119	4298	1.330	ug/l	97
89) n-Butylbenzene	12.329	91	15953	5.627	ug/l #	48

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

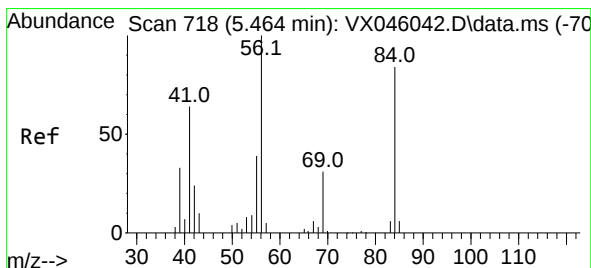
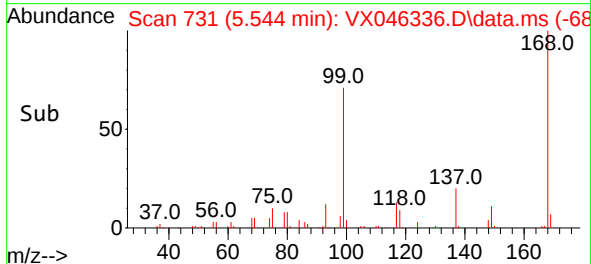
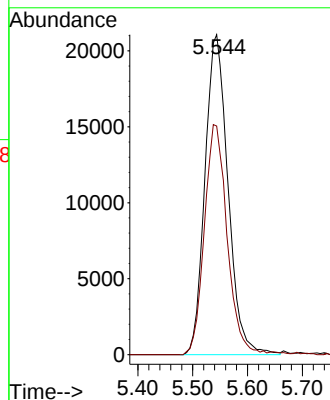
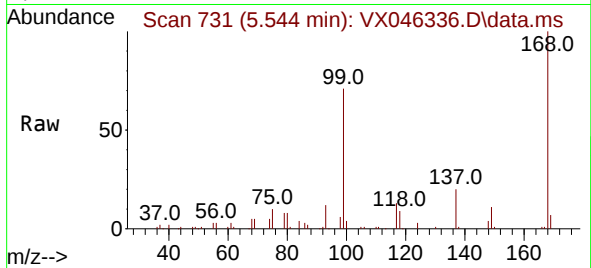




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

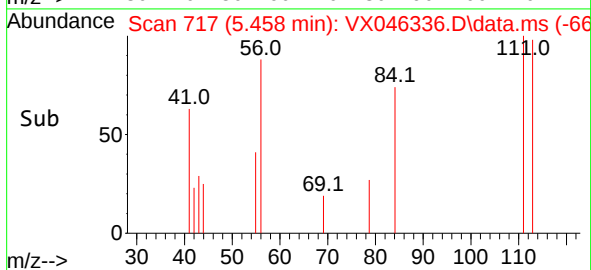
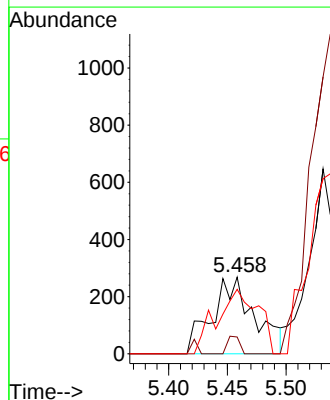
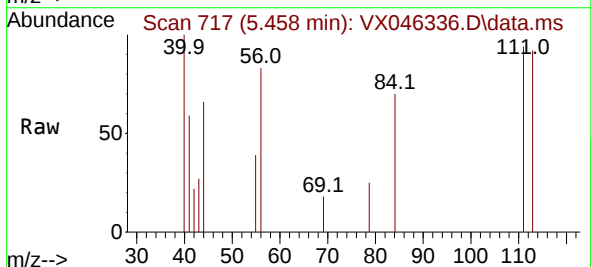
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

Tgt Ion:168 Resp: 61392
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3



#31
Cyclohexane
Concen: 0.496 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 56 Resp: 676
Ion Ratio Lower Upper
56 100
69 22.0 24.4 36.6#
84 84.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.992 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

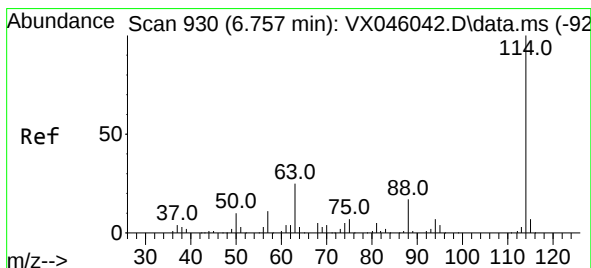
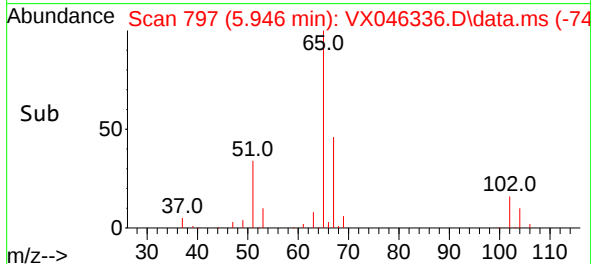
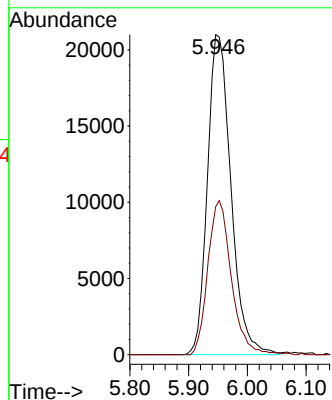
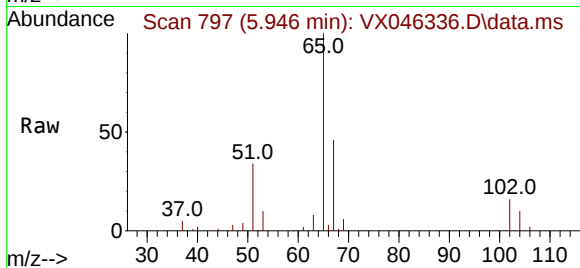
SS-MW1-11.5ME

Tgt Ion: 65 Resp: 58363

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

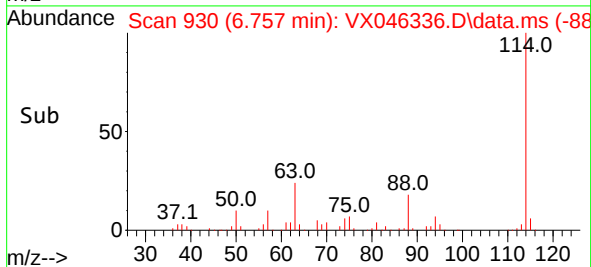
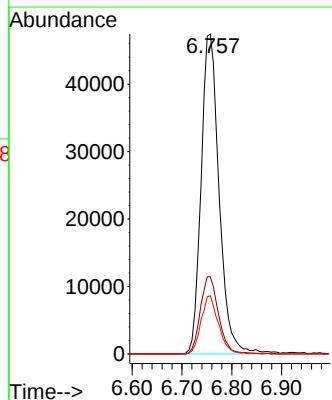
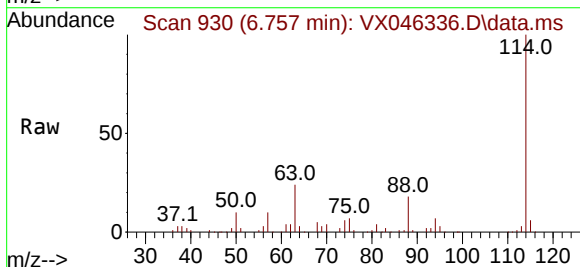
Tgt Ion: 114 Resp: 119098

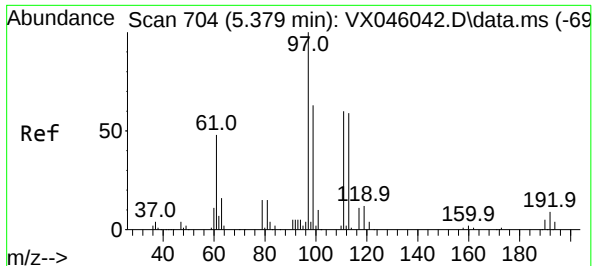
Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

88 18.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.389 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046336.D

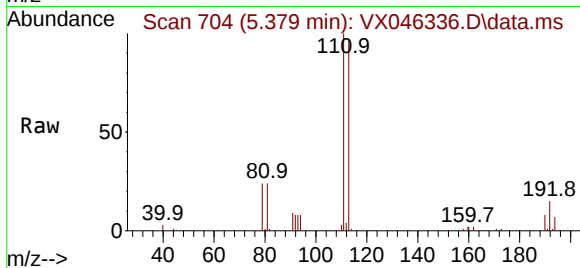
Acq: 23 May 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

SS-MW1-11.5ME



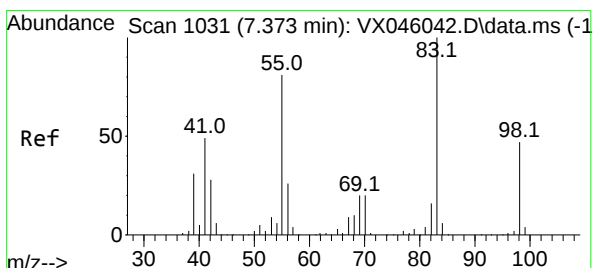
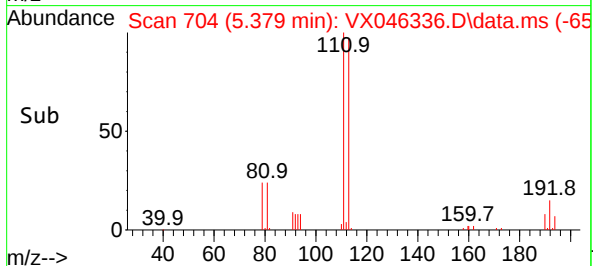
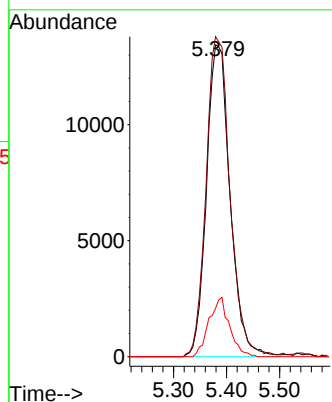
Tgt Ion:113 Resp: 41500

Ion Ratio Lower Upper

113 100

111 104.2 83.1 124.7

192 16.6 13.3 19.9



#39

Methylcyclohexane

Concen: 1.903 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

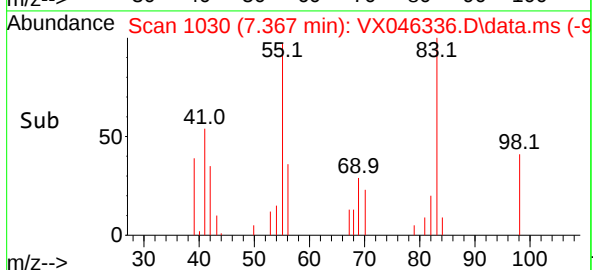
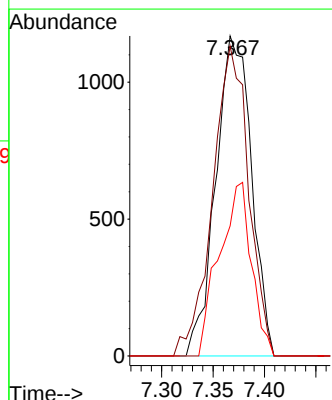
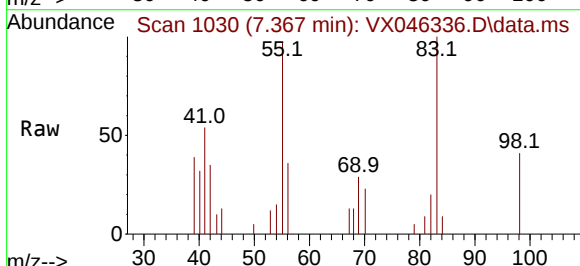
Tgt Ion: 83 Resp: 2823

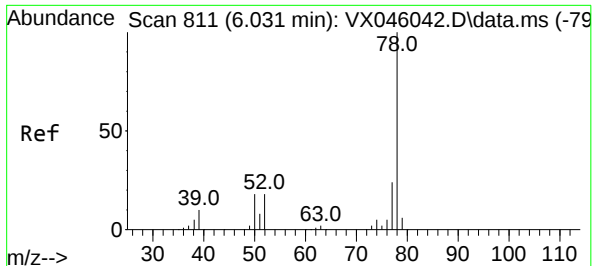
Ion Ratio Lower Upper

83 100

55 96.8 64.7 97.1

98 40.6 37.4 56.2

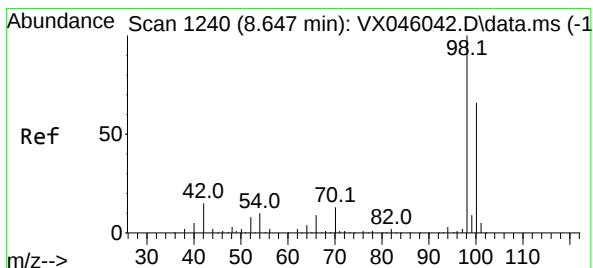
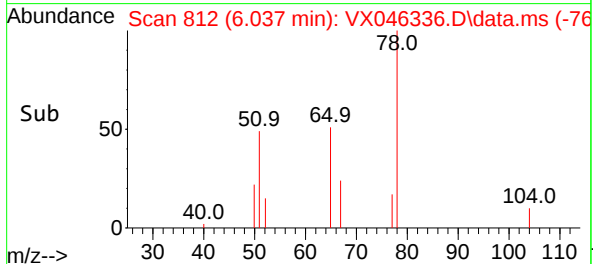
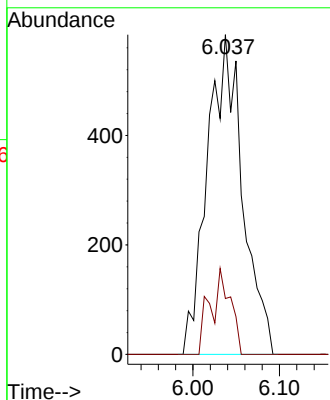
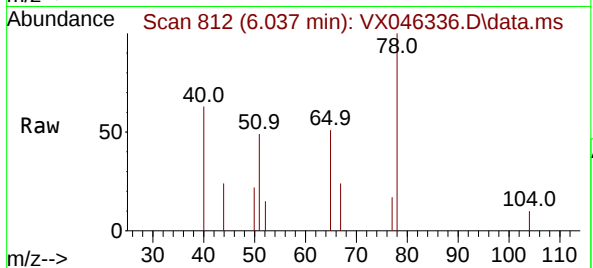




#40
Benzene
Concen: 0.489 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

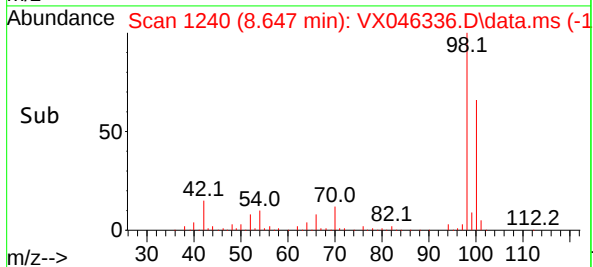
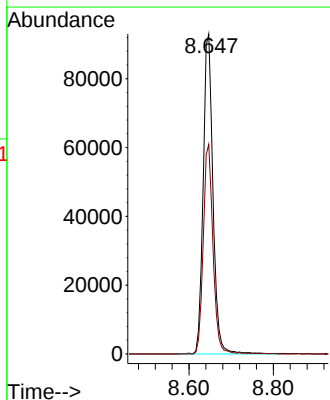
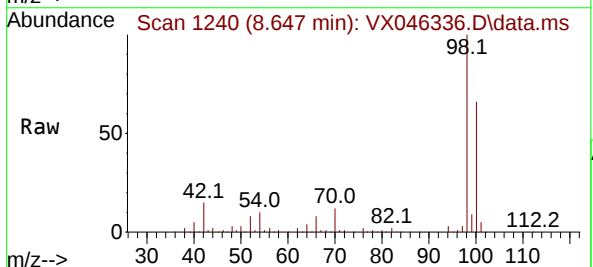
Instrument :
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ClientSampleId :
SS-MW1-11.5ME

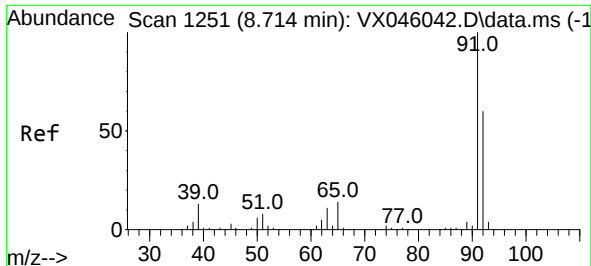
Tgt Ion: 78 Resp: 1650
Ion Ratio Lower Upper
78 100
77 17.5 19.0 28.4#



#50
Toluene-d8
Concen: 50.745 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 98 Resp: 150629
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3

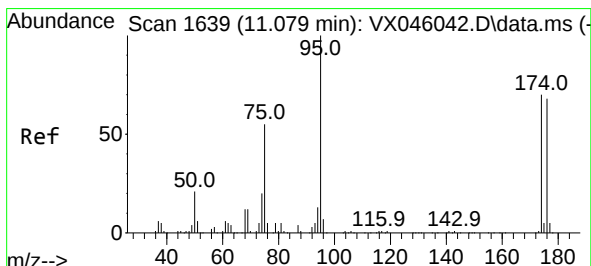
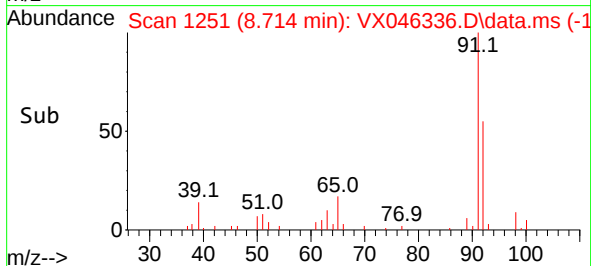
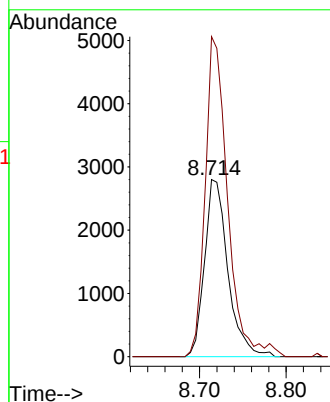
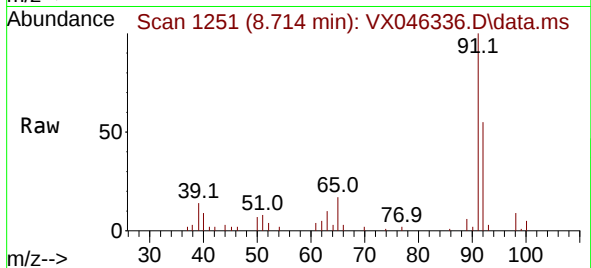




#52
Toluene
Concen: 2.534 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

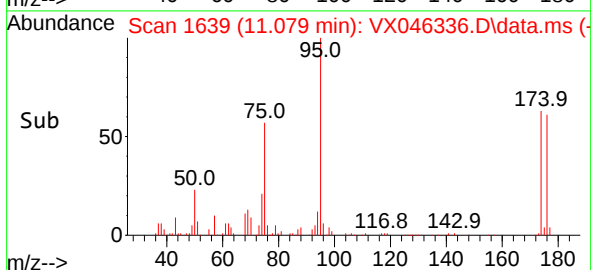
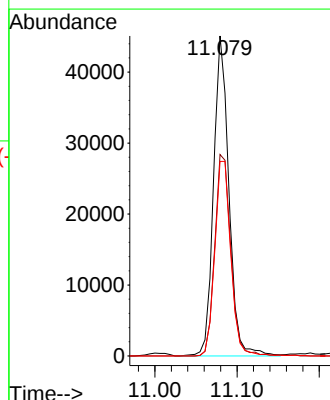
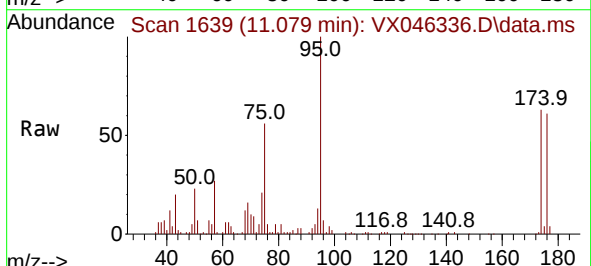
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

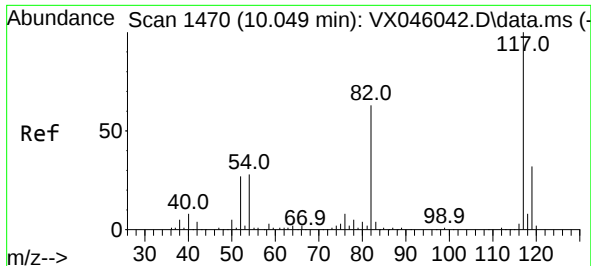
Tgt Ion: 92 Resp: 5245
Ion Ratio Lower Upper
92 100
91 173.4 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 51.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 95 Resp: 58615
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.5 0.0 131.4

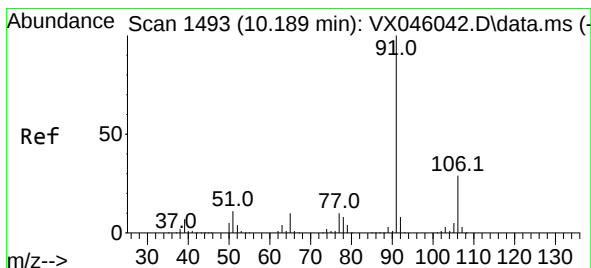
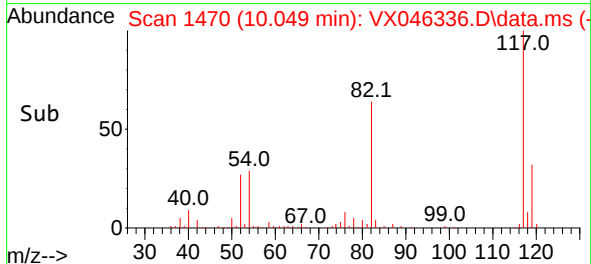
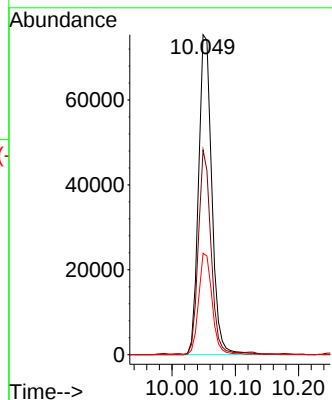
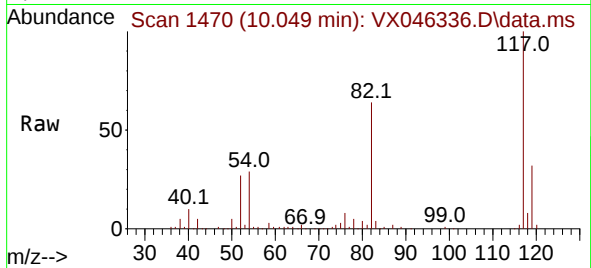




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

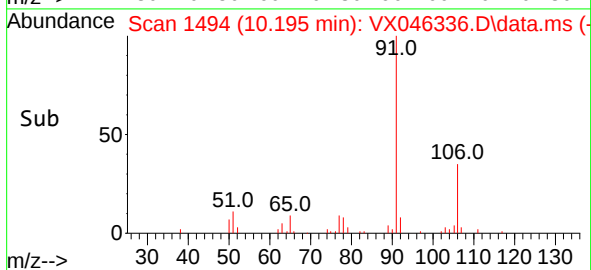
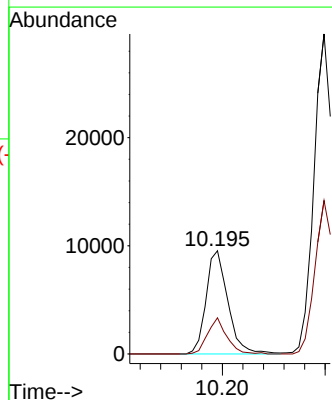
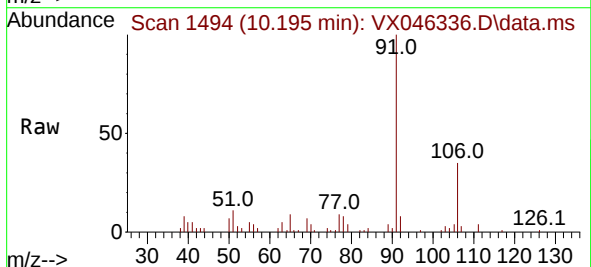
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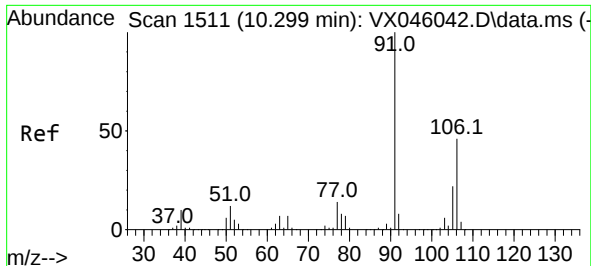
Tgt Ion:117 Resp: 110366
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 31.7 25.8 38.6



#67
Ethyl Benzene
Concen: 3.308 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 91 Resp: 14088
Ion Ratio Lower Upper
91 100
106 35.0 23.4 35.2

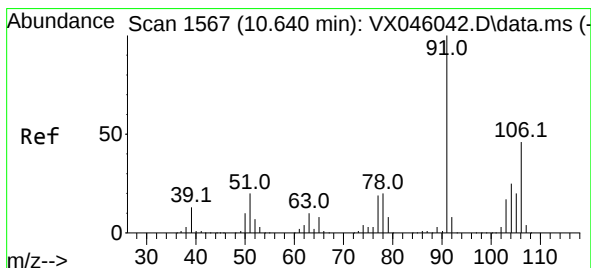
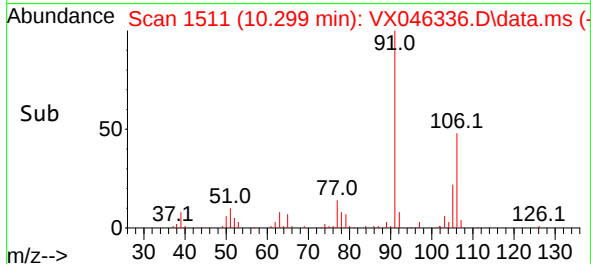
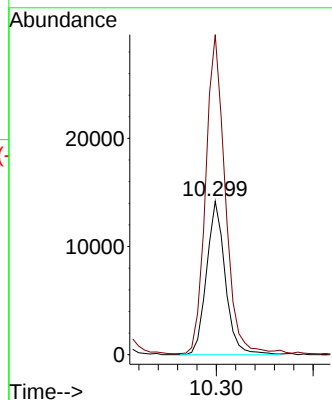
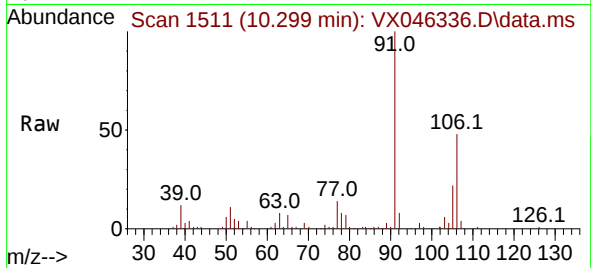




#68
m/p-Xylenes
Concen: 12.258 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

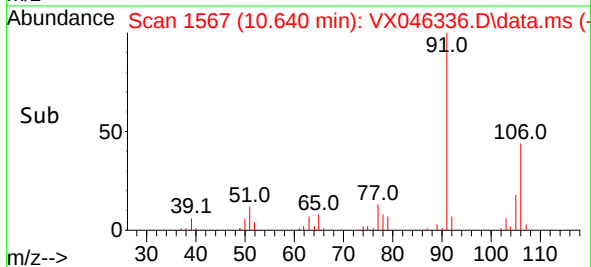
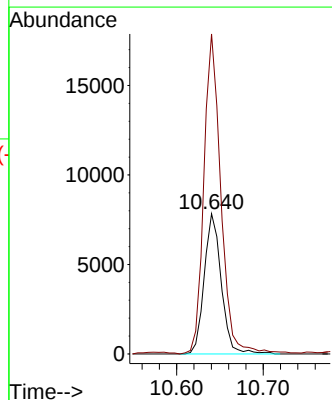
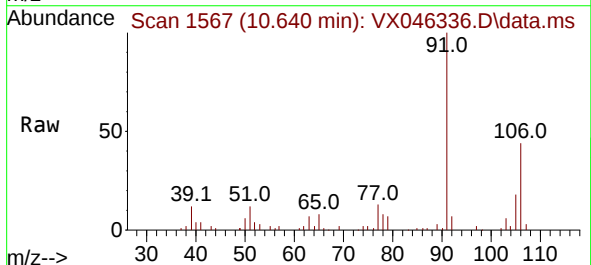
Instrument :
MSVOA_X
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SS-MW1-11.5ME

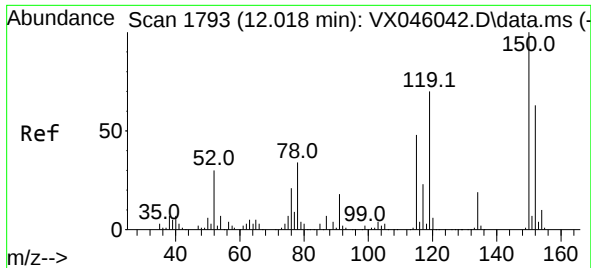
Tgt Ion:106 Resp: 19090
Ion Ratio Lower Upper
106 100
91 217.2 171.2 256.8



#69
o-Xylene
Concen: 7.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion:106 Resp: 10725
Ion Ratio Lower Upper
106 100
91 228.3 112.7 338.1

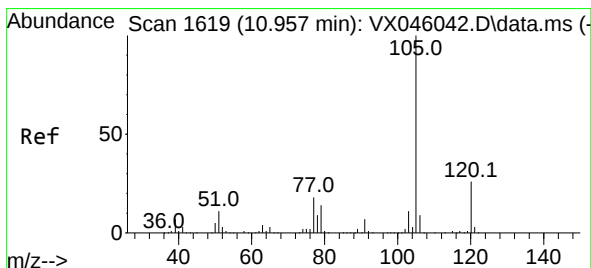
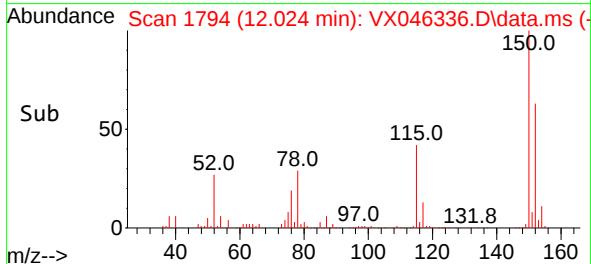
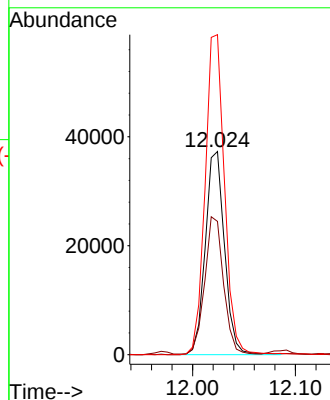
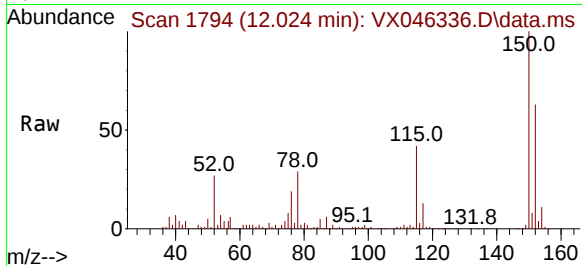




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

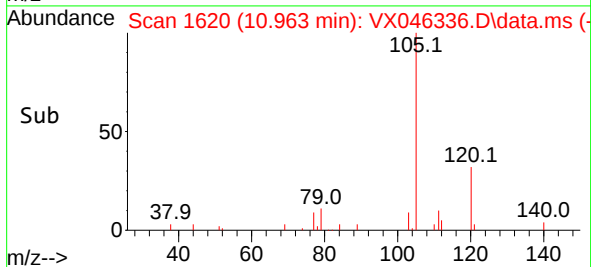
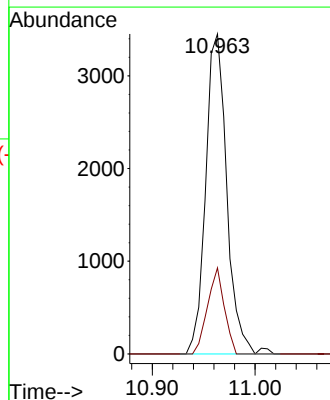
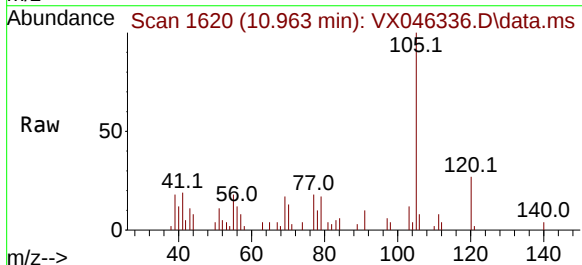
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

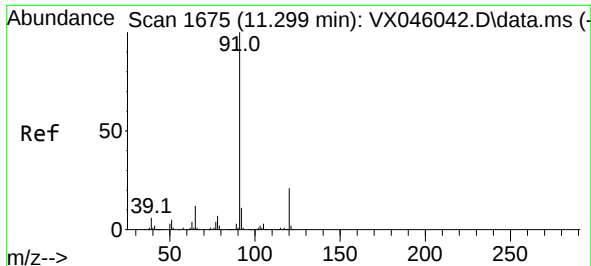
Tgt Ion:152 Resp: 48680
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 158.9 0.0 351.0



#73
Isopropylbenzene
Concen: 1.303 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion:105 Resp: 4939
Ion Ratio Lower Upper
105 100
120 21.4 12.8 38.4

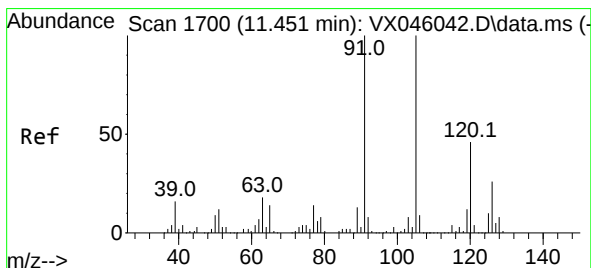
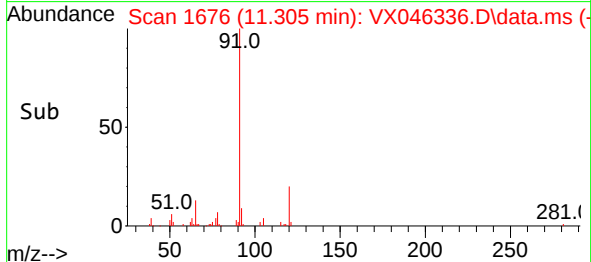
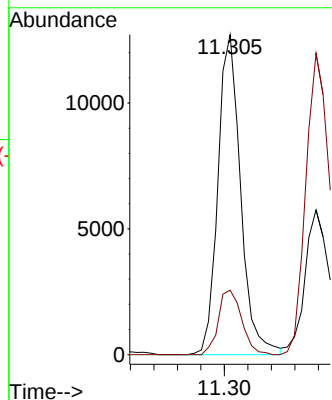
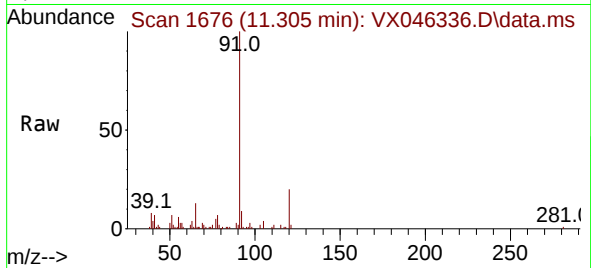




#78
n-propylbenzene
Concen: 3.882 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

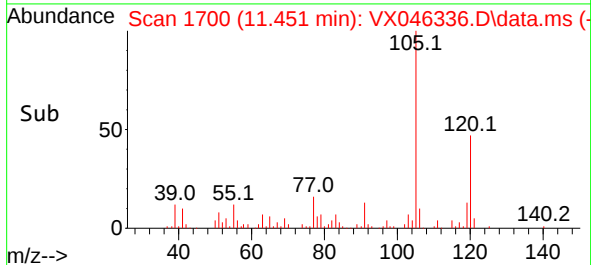
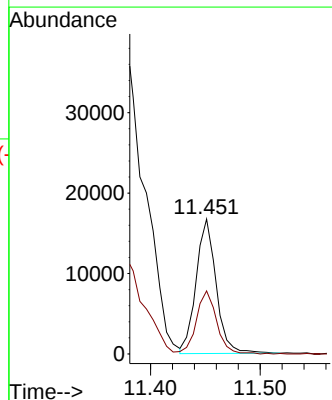
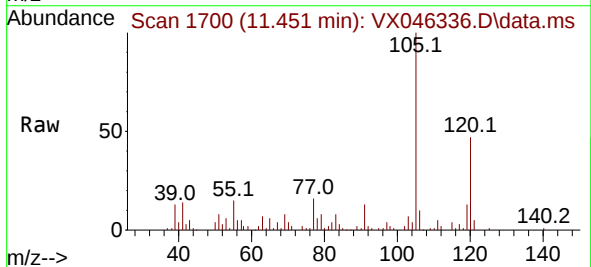
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

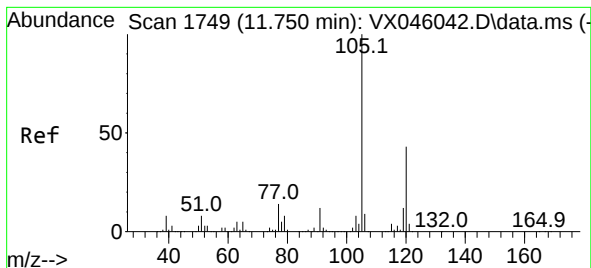
Tgt Ion: 91 Resp: 17106
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 6.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 105 Resp: 21294
Ion Ratio Lower Upper
105 100
120 47.7 23.1 69.2





#84

1,2,4-Trimethylbenzene

Concen: 24.671 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

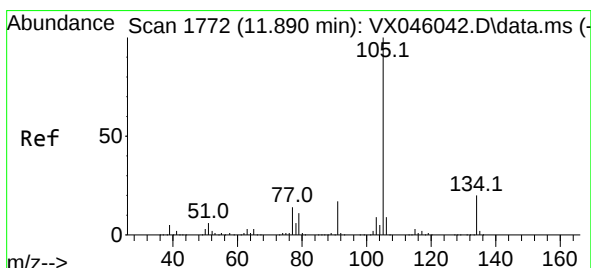
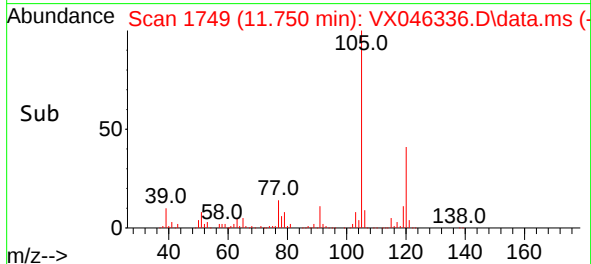
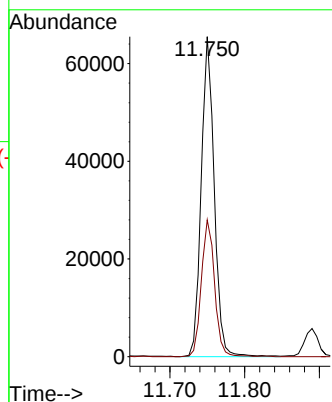
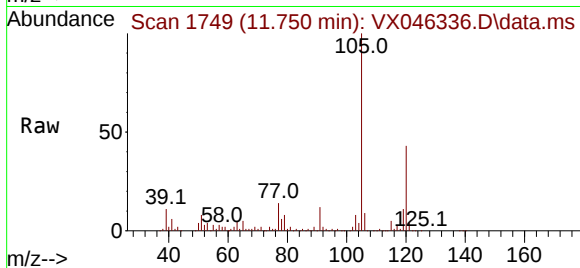
SS-MW1-11.5ME

Tgt Ion:105 Resp: 79105

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6



#85

sec-Butylbenzene

Concen: 1.943 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX046336.D

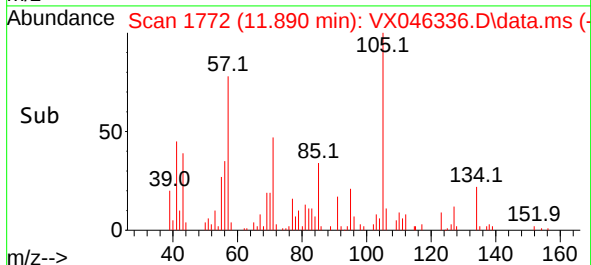
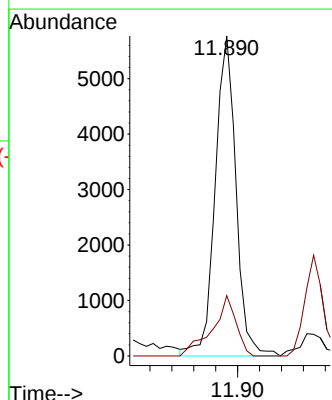
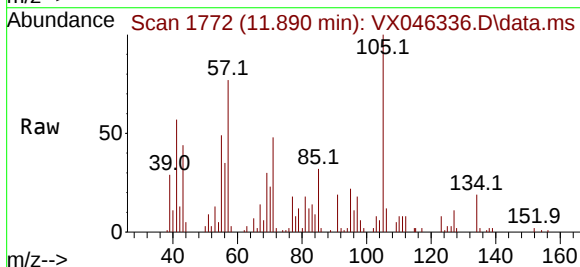
Acq: 23 May 2025 11:46

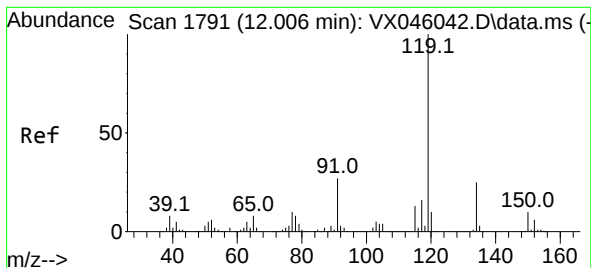
Tgt Ion:105 Resp: 7610

Ion Ratio Lower Upper

105 100

134 21.6 9.7 29.1





#86

p-Isopropyltoluene

Concen: 1.330 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

SS-MW1-11.5ME

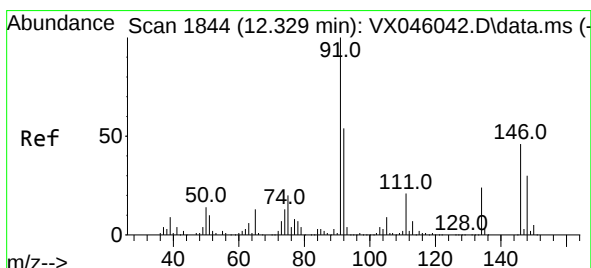
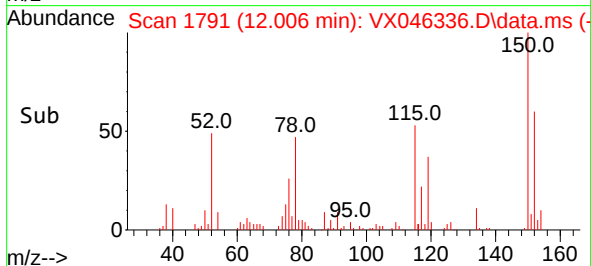
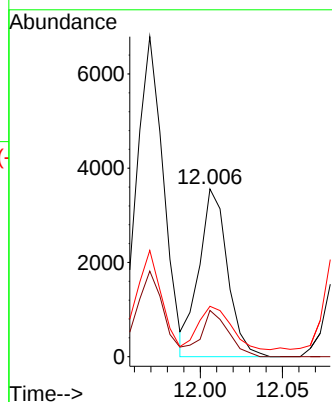
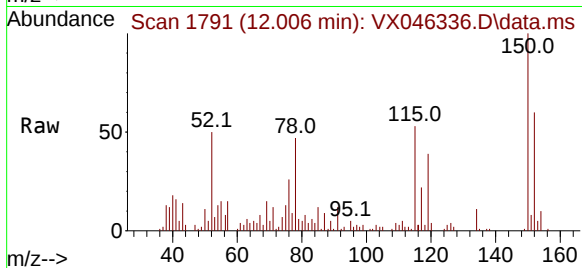
Tgt Ion:119 Resp: 4298

Ion Ratio Lower Upper

119 100

134 26.5 12.5 37.5

91 29.0 13.8 41.4



#89

n-Butylbenzene

Concen: 5.627 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

Tgt Ion: 91 Resp: 15953

Ion Ratio Lower Upper

91 100

92 35.9 26.9 80.7

134 79.2 11.8 35.3#

