

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080340.D
 Acq On : 04 Dec 2023 15:58
 Operator : JC\MD
 Sample : 05612-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06I

Quant Time: Dec 05 04:17:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

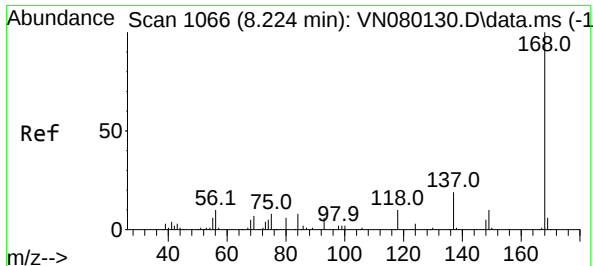
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	149591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140151	56.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.480%			
35) Dibromofluoromethane	8.171	113	111151	51.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.571	98	375625	48.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.120%			
62) 4-Bromofluorobenzene	12.853	95	171654	58.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.280%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	2054	0.679	ug/l	98
40) Benzene	8.606	78	905470	101.488	ug/l	99
52) Toluene	10.635	92	16956	3.037	ug/l	98
67) Ethyl Benzene	11.965	91	2187972	180.956	ug/l	97
68) m/p-Xylenes	12.076	106	141095	32.005	ug/l	87
69) o-Xylene	12.400	106	193626	46.604	ug/l	88
73) Isopropylbenzene	12.700	105	64092	5.002	ug/l	100
78) n-propylbenzene	13.035	91	18032	1.258	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	46102	4.133	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	215824	19.650	ug/l	97
86) p-Isopropyltoluene	13.729	119	7285	0.721	ug/l #	73

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

Quant Time: Dec 05 04:17:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

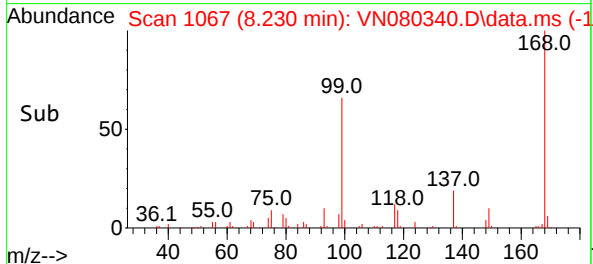
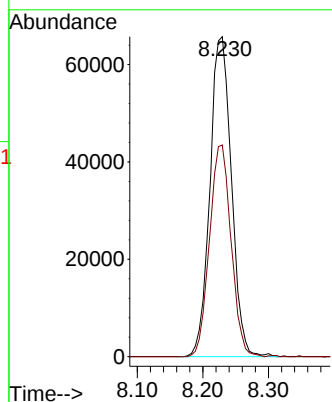
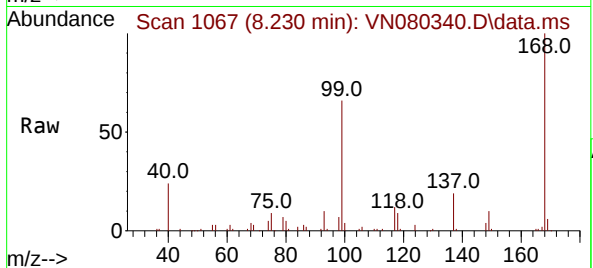




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

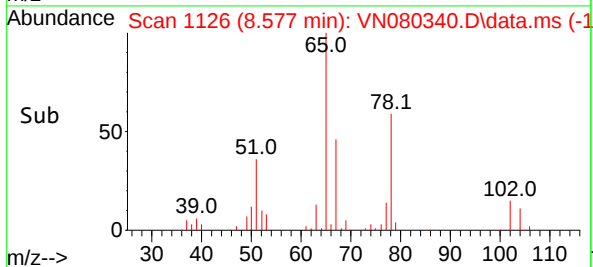
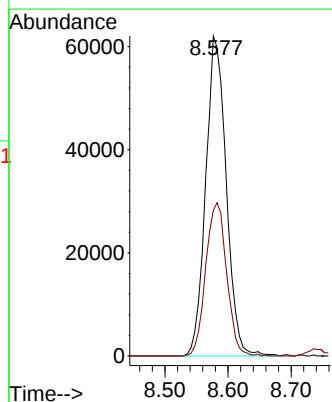
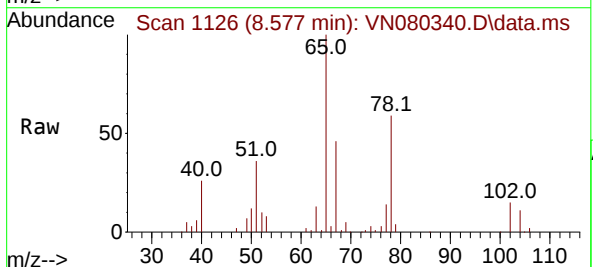
Instrument :
MSVOA_N
ClientSampleId :
MW-06I

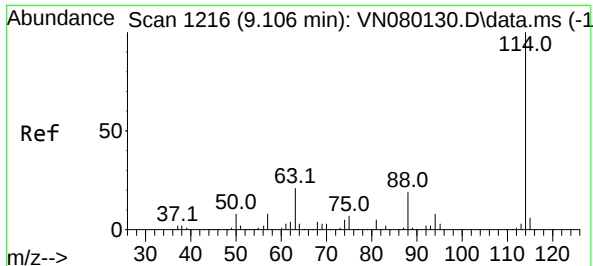
Tgt Ion:168 Resp: 149591
Ion Ratio Lower Upper
168 100
99 66.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.742 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

Tgt Ion: 65 Resp: 140151
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

MW-06I

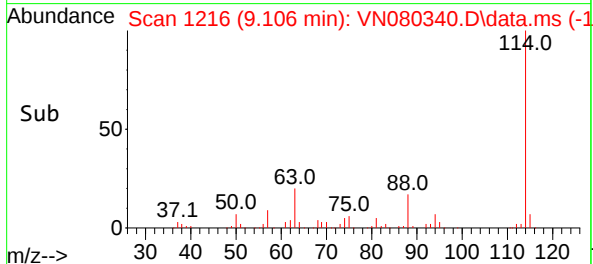
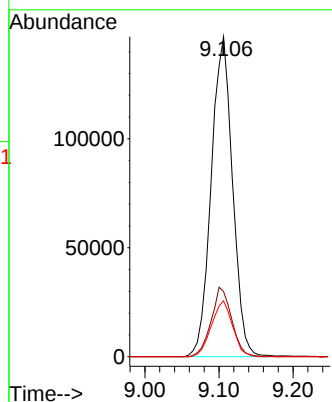
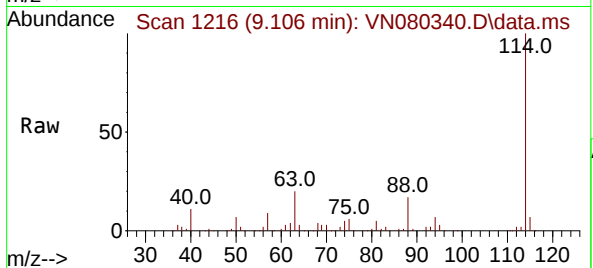
Tgt Ion:114 Resp: 293851

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.263 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

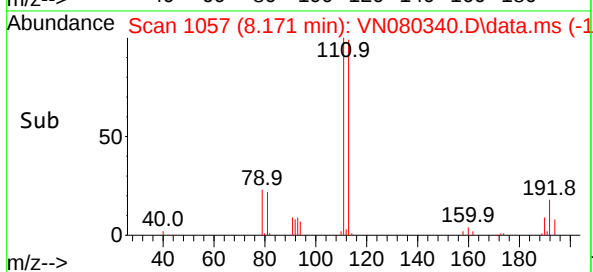
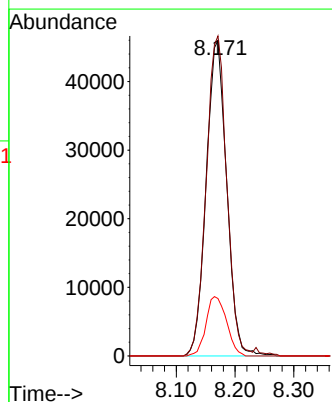
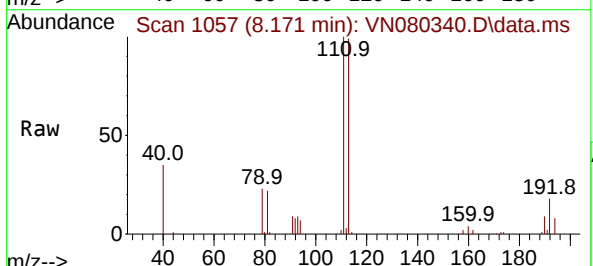
Tgt Ion:113 Resp: 111151

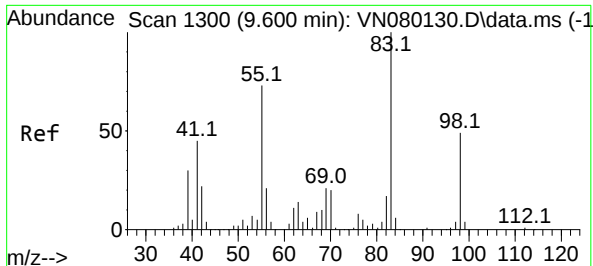
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.9 12.7 19.1





#39

Methylcyclohexane

Concen: 0.679 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

MW-06I

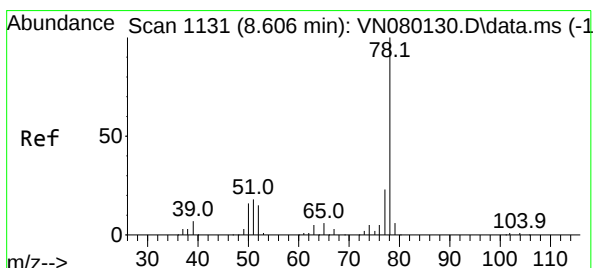
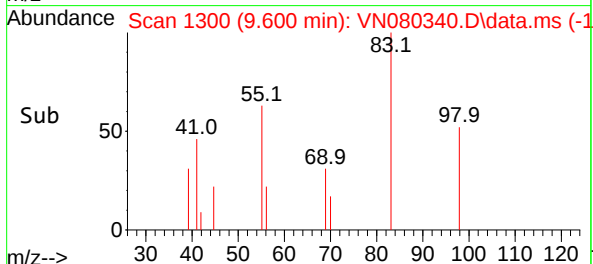
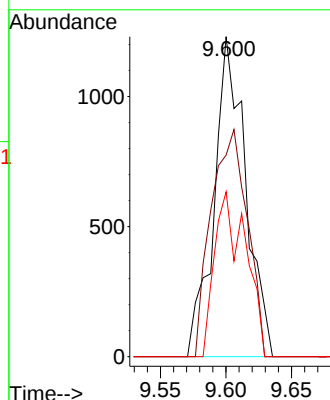
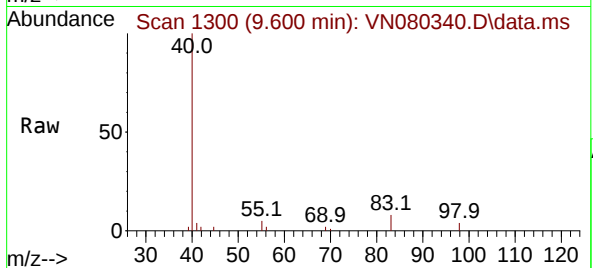
Tgt Ion: 83 Resp: 2054

Ion Ratio Lower Upper

83 100

55 63.0 49.1 73.7

98 51.5 40.6 61.0



#40

Benzene

Concen: 101.488 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080340.D

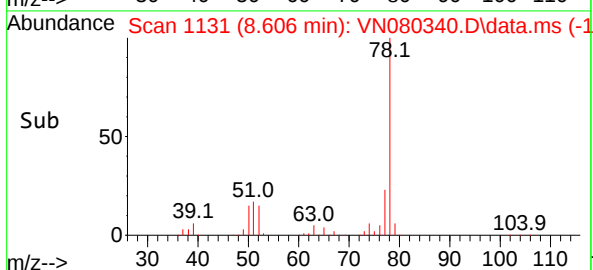
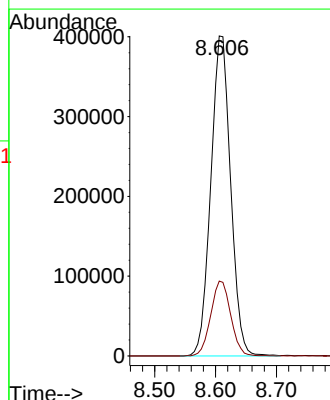
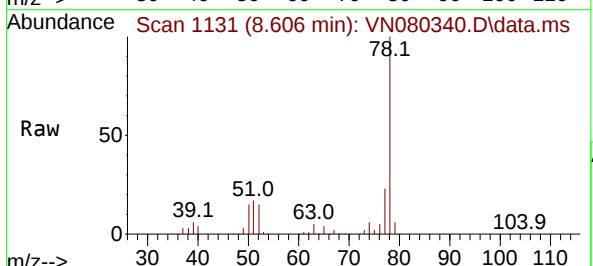
Acq: 04 Dec 2023 15:58

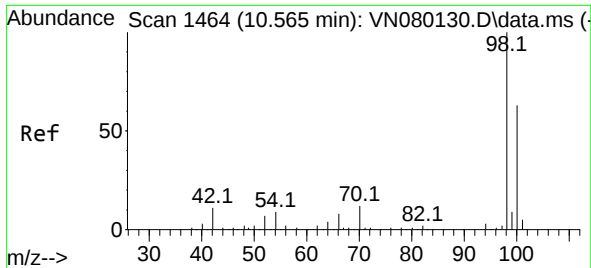
Tgt Ion: 78 Resp: 905470

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

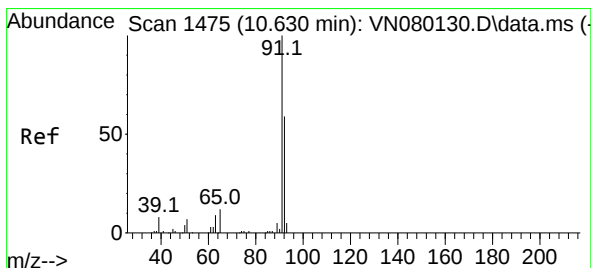
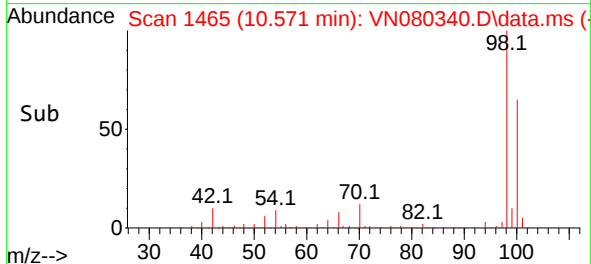
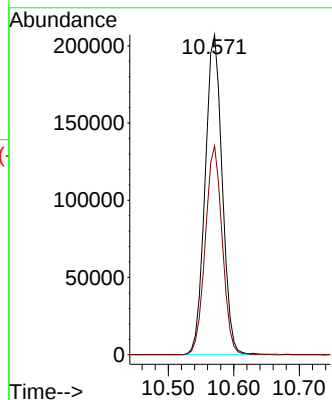
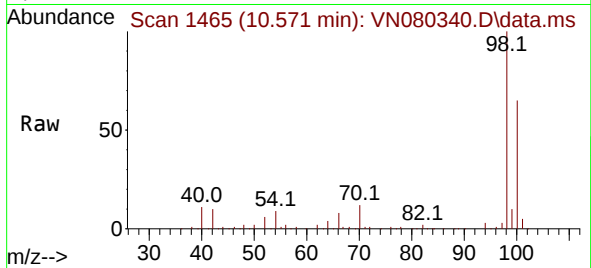




#50
Toluene-d8
Concen: 48.058 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

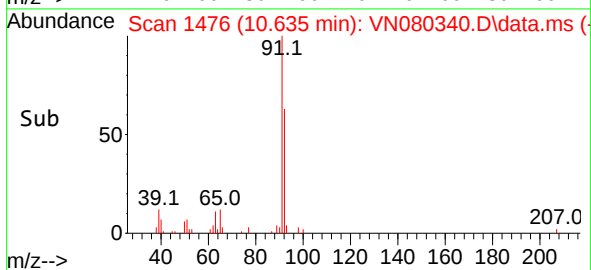
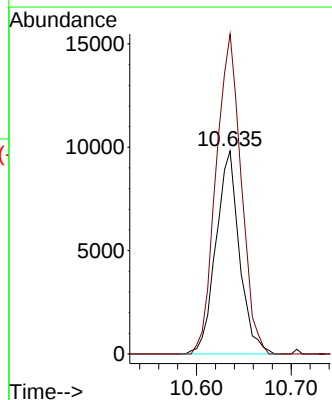
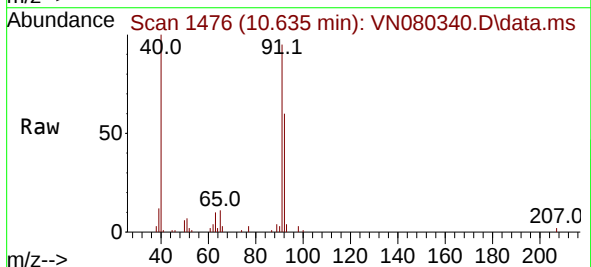
Instrument :
MSVOA_N
ClientSampleId :
MW-061

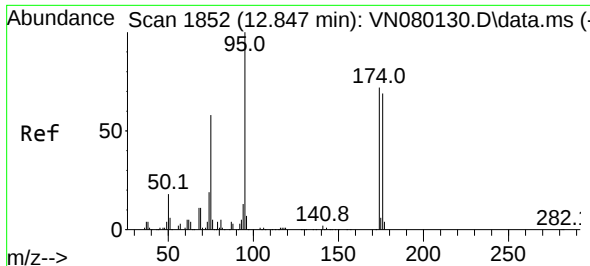
Tgt Ion: 98 Resp: 375625
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#52
Toluene
Concen: 3.037 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

Tgt Ion: 92 Resp: 16956
Ion Ratio Lower Upper
92 100
91 168.5 137.4 206.0

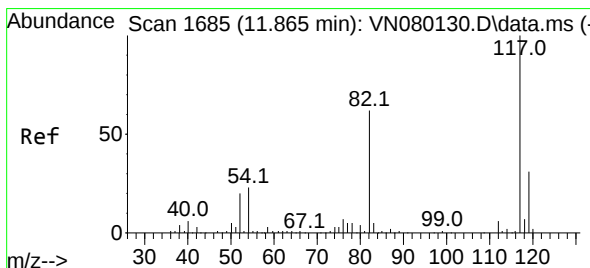
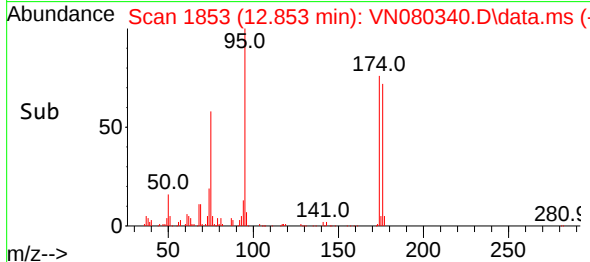
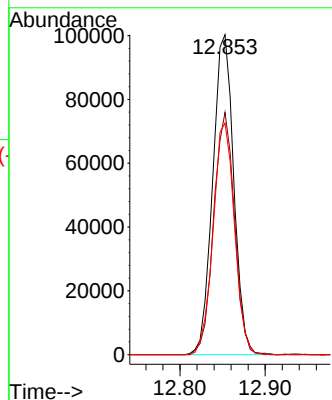
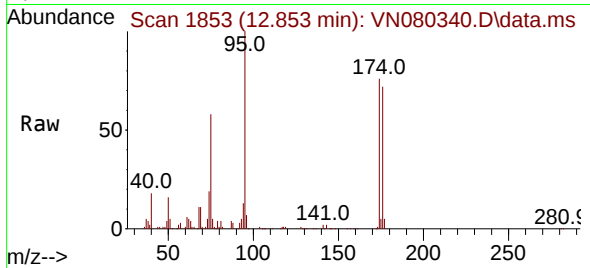




#62
4-Bromofluorobenzene
Concen: 58.143 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

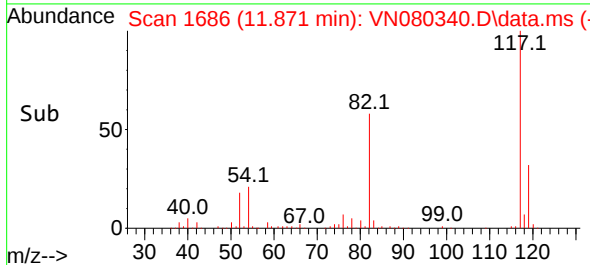
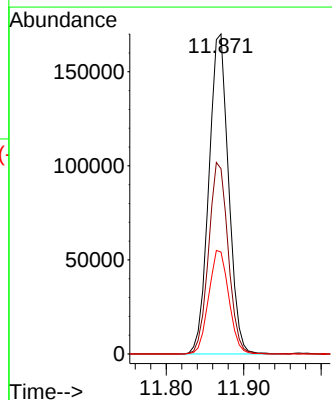
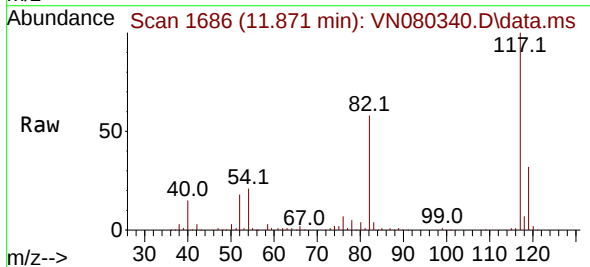
Instrument :
MSVOA_N
ClientSampleId :
MW-06I

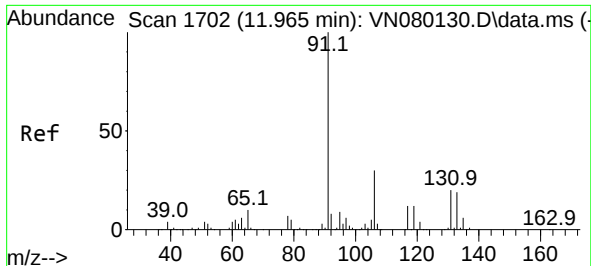
Tgt Ion: 95 Resp: 171654
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

Tgt Ion: 117 Resp: 299873
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 31.8 25.6 38.4

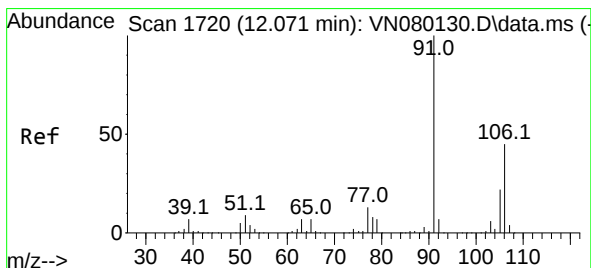
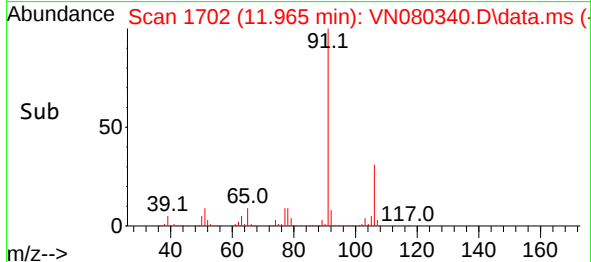
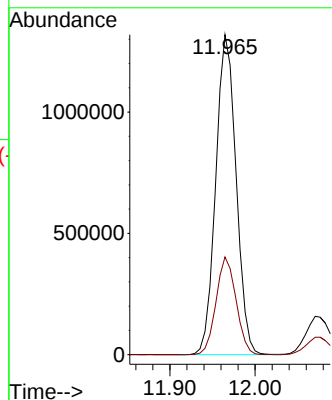
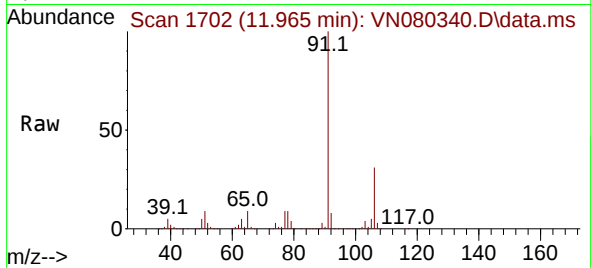




#67
Ethyl Benzene
Concen: 180.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

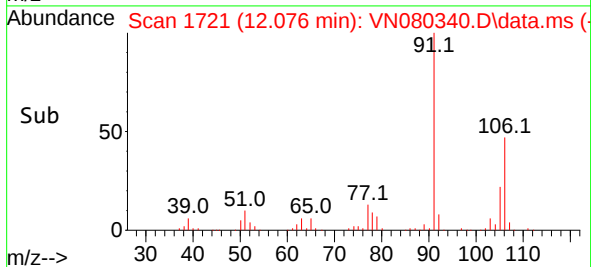
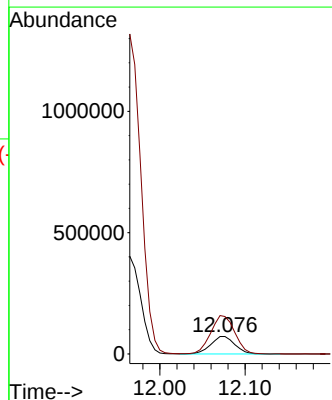
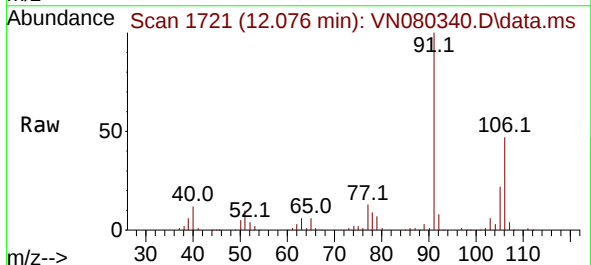
Instrument :
MSVOA_N
ClientSampleId :
MW-061

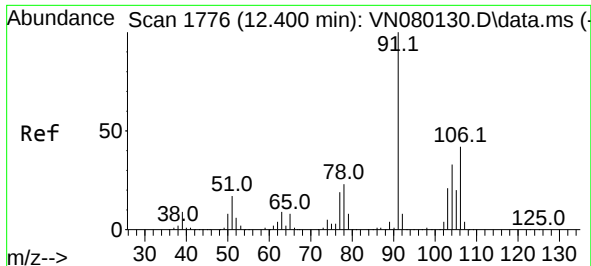
Tgt Ion: 91 Resp: 2187972
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 32.005 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

Tgt Ion:106 Resp: 141095
Ion Ratio Lower Upper
106 100
91 219.6 159.6 239.4

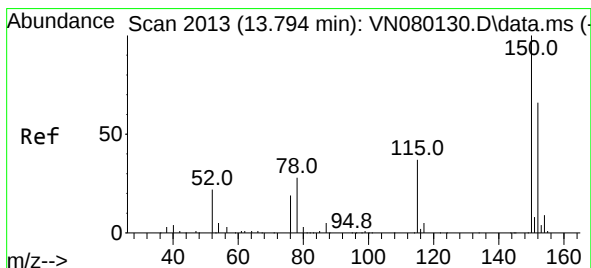
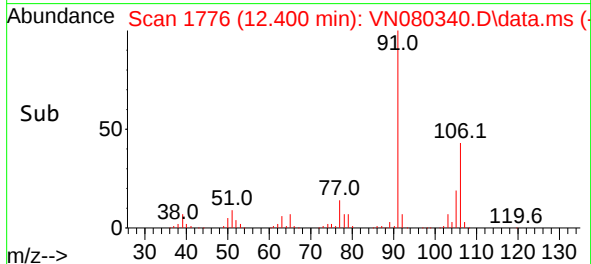
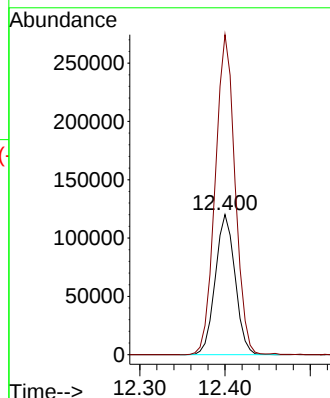
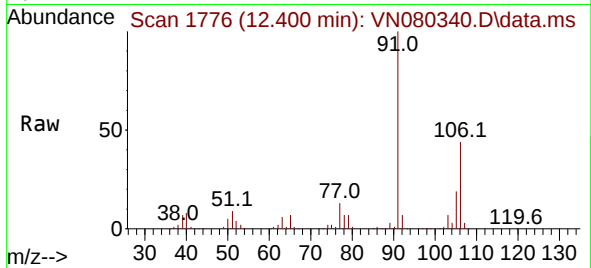




#69
o-Xylene
Concen: 46.604 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

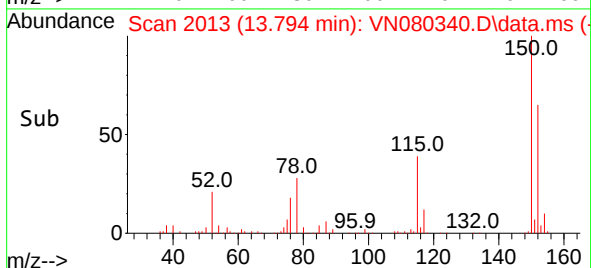
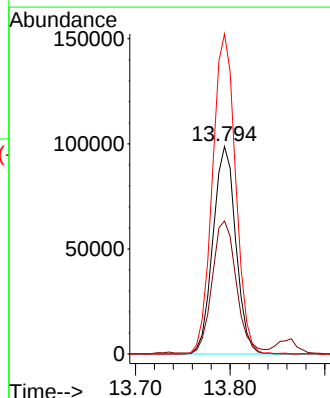
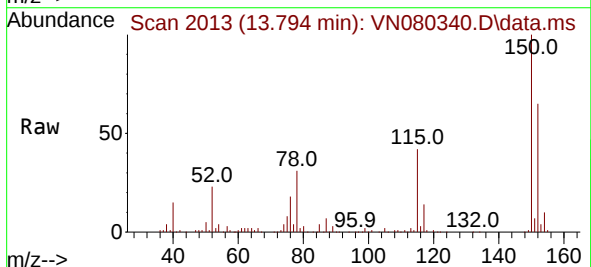
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MSVOA_N
ClientSampleId :
MW-06I

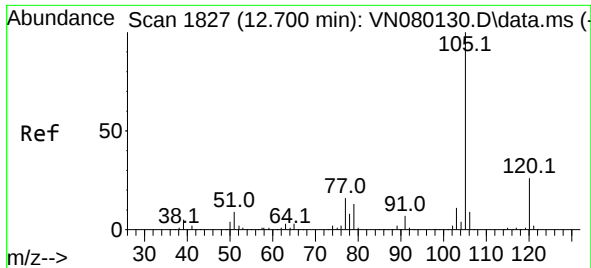
Tgt Ion:106 Resp: 193626
Ion Ratio Lower Upper
106 100
91 228.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

Tgt Ion:152 Resp: 164901
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 156.6 0.0 355.8

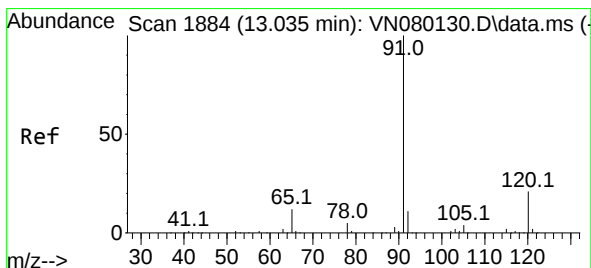
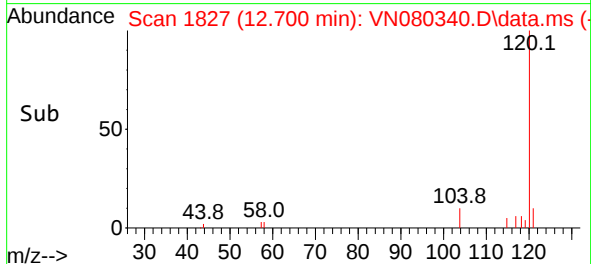
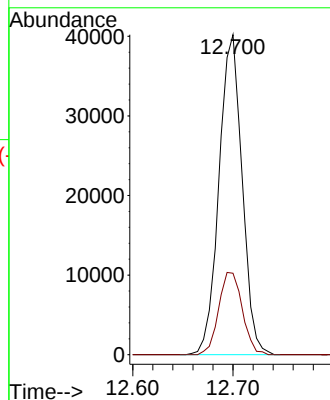
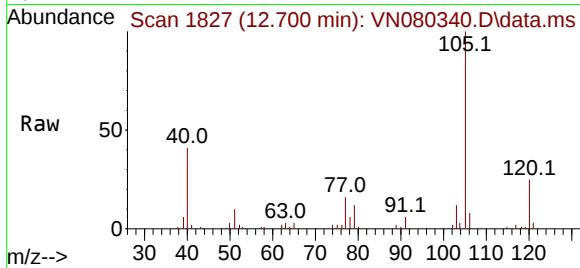




#73
Isopropylbenzene
Concen: 5.002 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

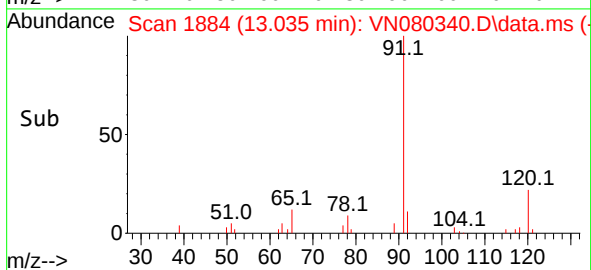
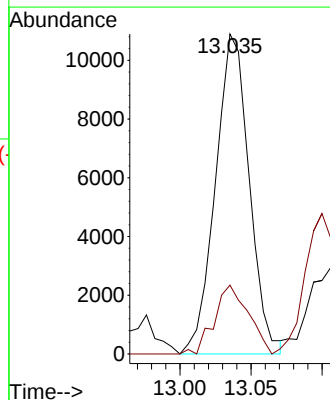
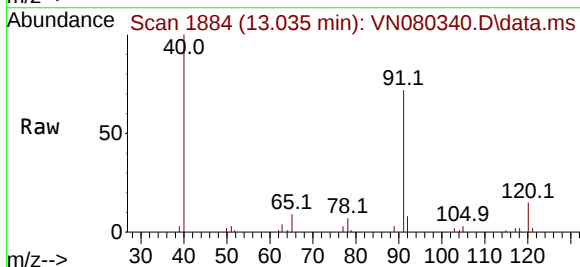
Instrument :
MSVOA_N
ClientSampleId :
MW-06I

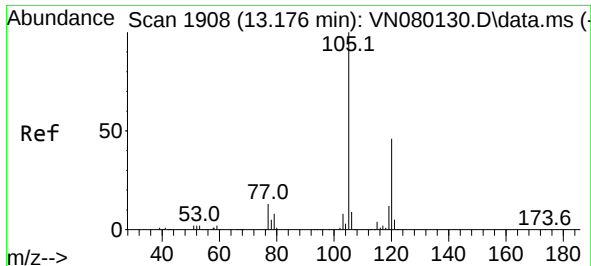
Tgt Ion:105 Resp: 64092
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#78
n-propylbenzene
Concen: 1.258 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080340.D
Acq: 04 Dec 2023 15:58

Tgt Ion: 91 Resp: 18032
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4

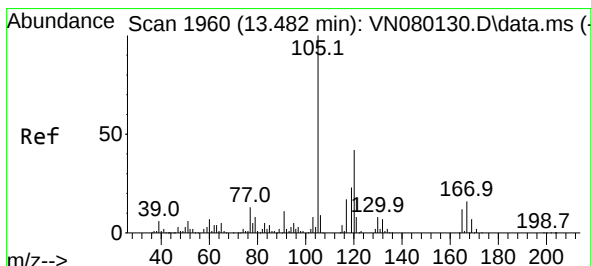
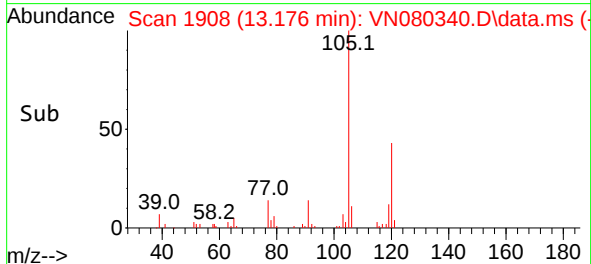
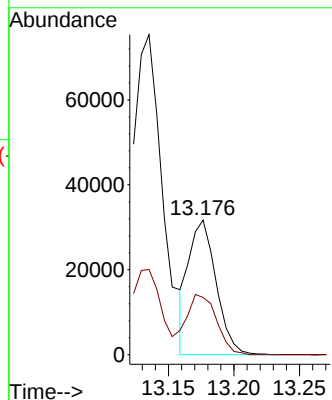
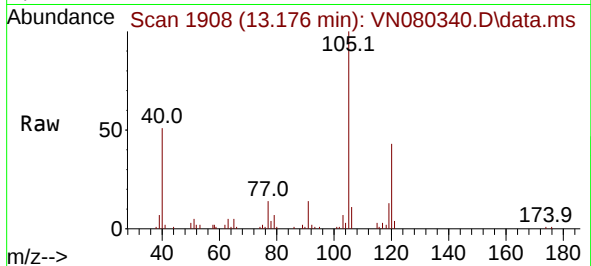




#80
 1,3,5-Trimethylbenzene
 Concen: 4.133 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080340.D
 Acq: 04 Dec 2023 15:58

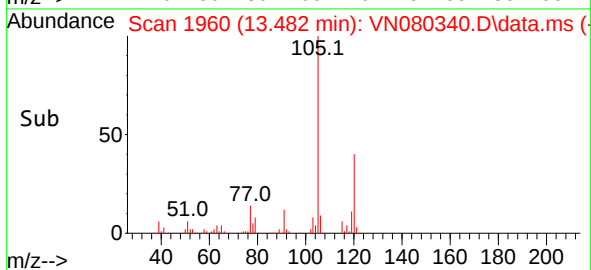
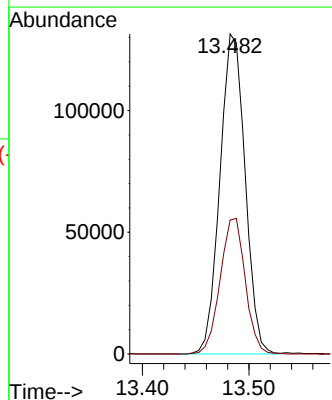
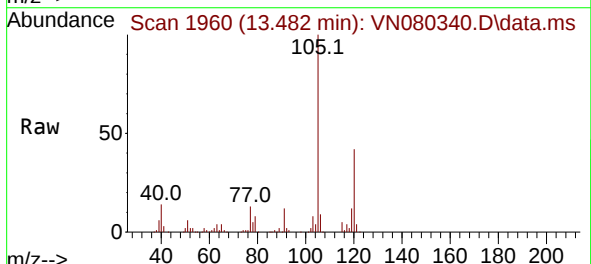
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-061

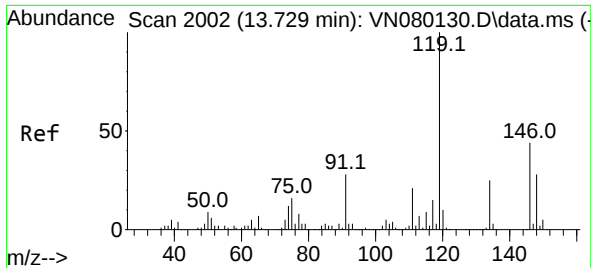
Tgt Ion:105 Resp: 46102
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.650 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080340.D
 Acq: 04 Dec 2023 15:58

Tgt Ion:105 Resp: 215824
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 0.721 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080340.D
 Acq: 04 Dec 2023 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06I

Tgt Ion:	119	Resp:	7285
Ion	Ratio	Lower	Upper
119	100		
134	22.6	12.6	37.8
91	0.0	12.4	37.2#

