

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080317.D
 Acq On : 01 Dec 2023 12:12
 Operator : JC\MD
 Sample : 05592-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW04S

Quant Time: Dec 01 22:33:05 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)

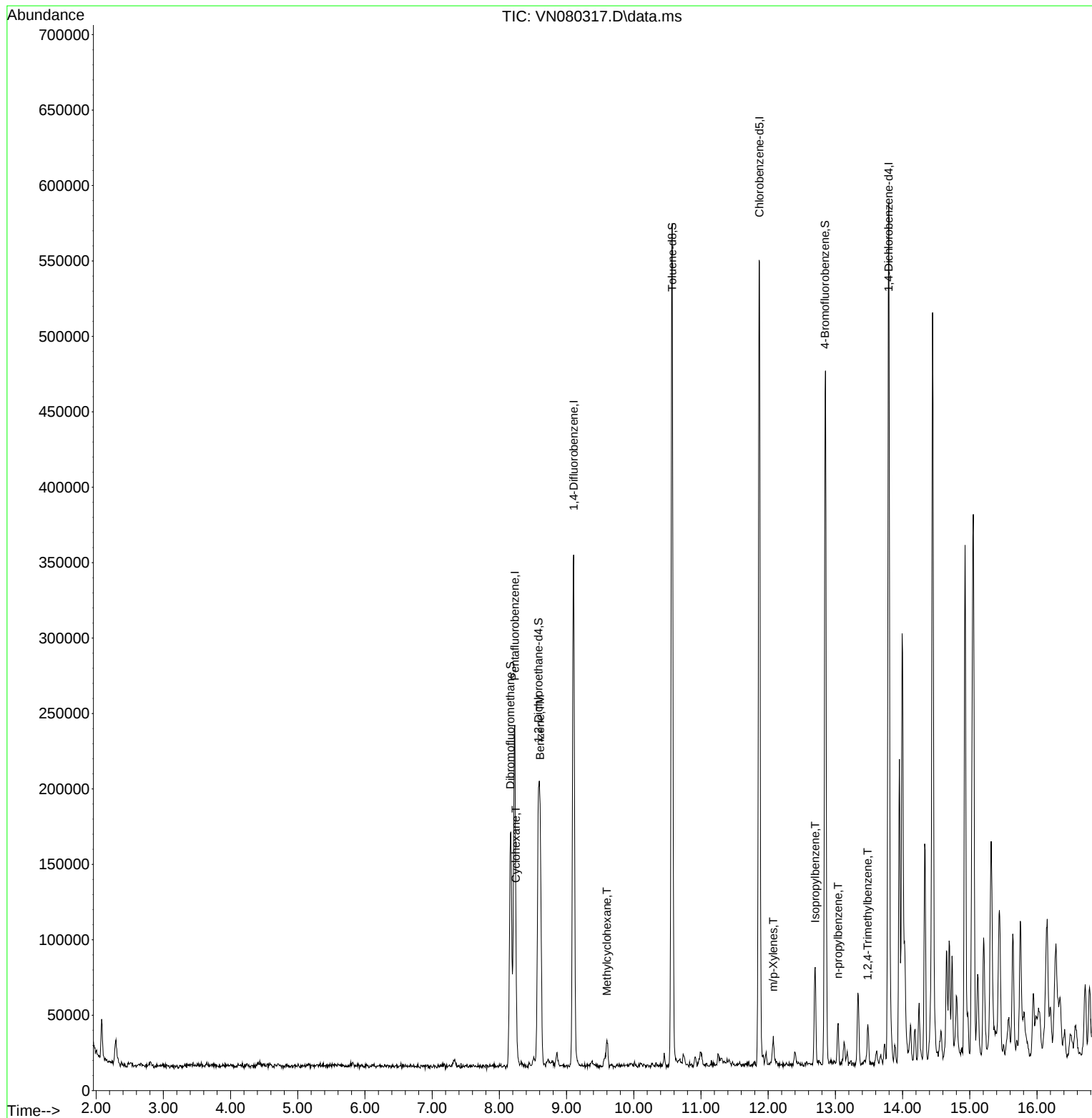
Internal Standards						
1) Pentafluorobenzene	8.230	168	154718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	311773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138741	54.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.620%	
35) Dibromofluoromethane	8.165	113	108861	51.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	10.571	98	384577	50.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.847	95	160357	56.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.020%	
Target Compounds						
					Qvalue	
31) Cyclohexane	8.247	56	8863	3.190	ug/l #	81
39) Methylcyclohexane	9.600	83	8058	2.745	ug/l	91
40) Benzene	8.606	78	144934	16.752	ug/l	100
68) m/p-Xylenes	12.076	106	5844	1.275	ug/l	90
73) Isopropylbenzene	12.700	105	43470	3.623	ug/l	99
78) n-propylbenzene	13.041	91	21372	1.593	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	16242	1.579	ug/l	94

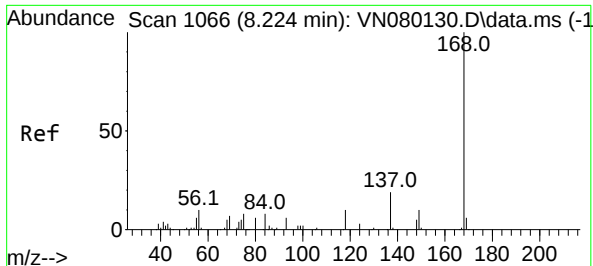
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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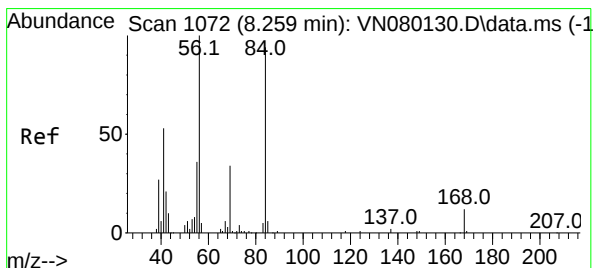
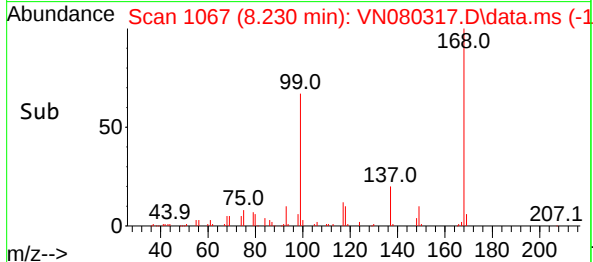
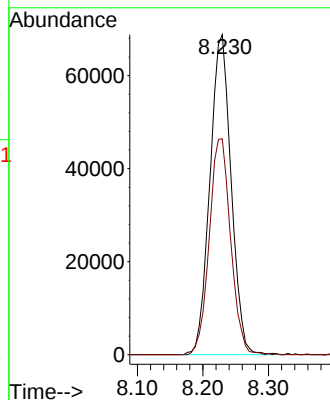
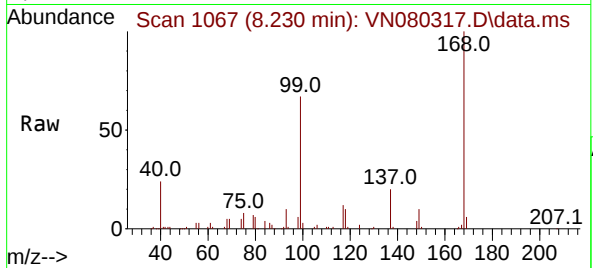




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

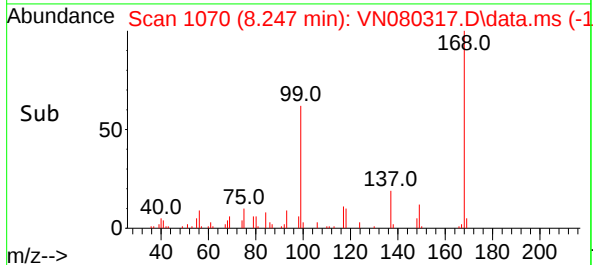
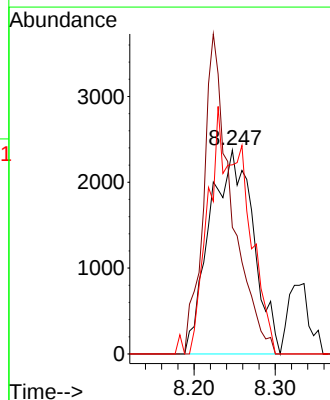
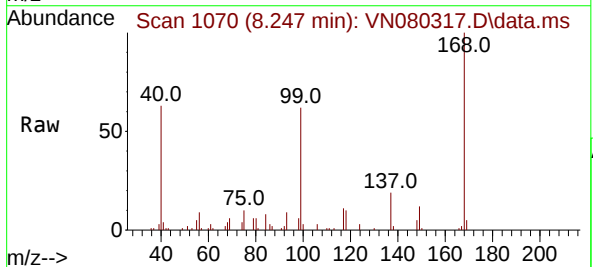
Instrument :
MSVOA_N
ClientSampleId :
MW04S

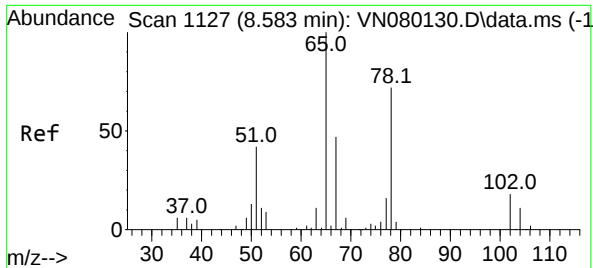
Tgt Ion:168 Resp: 154718
Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6



#31
Cyclohexane
Concen: 3.190 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.012 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 56 Resp: 8863
Ion Ratio Lower Upper
56 100
69 62.1 26.8 40.2#
84 92.8 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 54.309 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

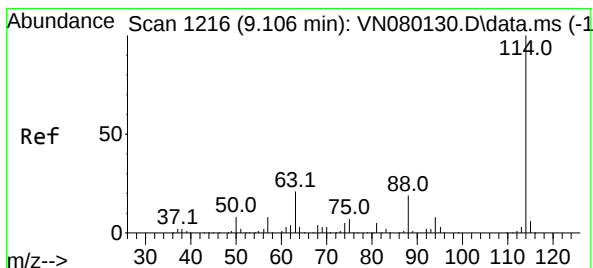
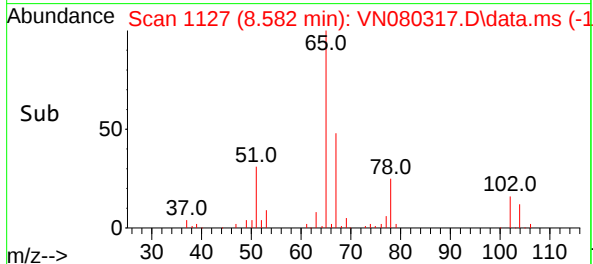
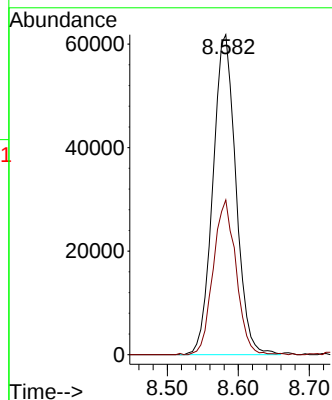
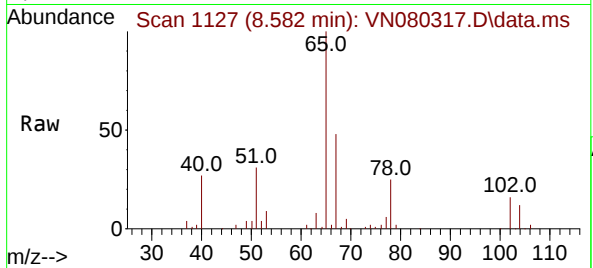
MW04S

Tgt Ion: 65 Resp: 138741

Ion Ratio Lower Upper

65 100

67 48.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

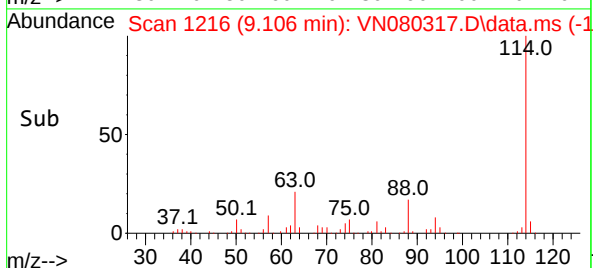
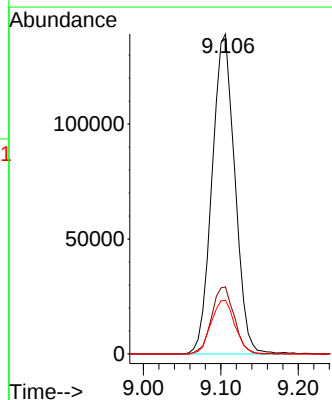
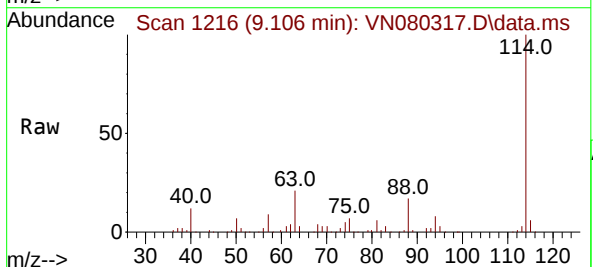
Tgt Ion: 114 Resp: 284948

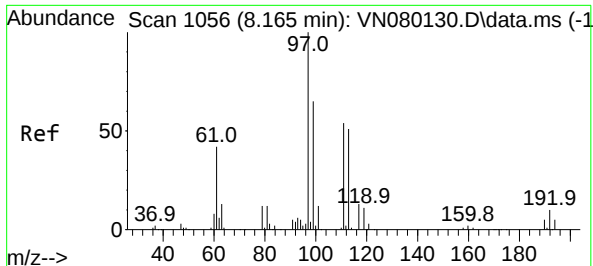
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.776 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

MW04S

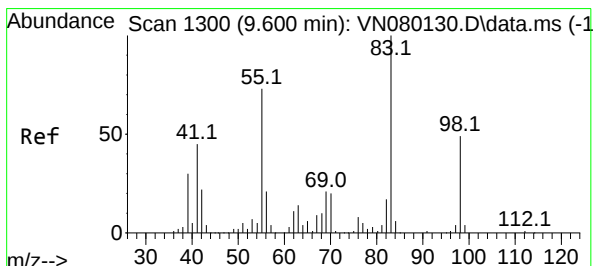
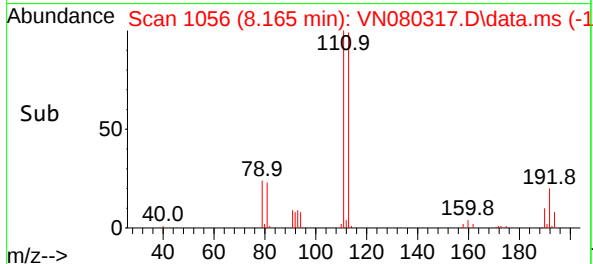
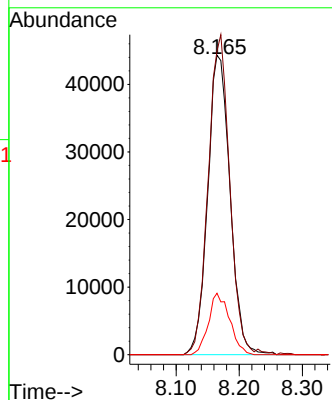
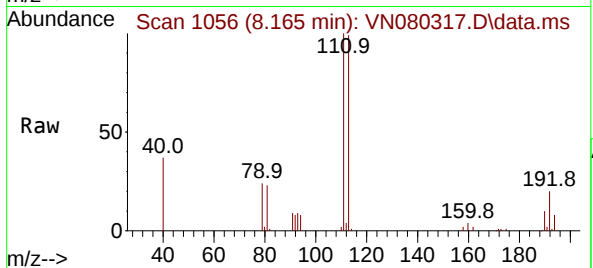
Tgt Ion:113 Resp: 108861

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 19.5 12.7 19.1#



#39

Methylcyclohexane

Concen: 2.745 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

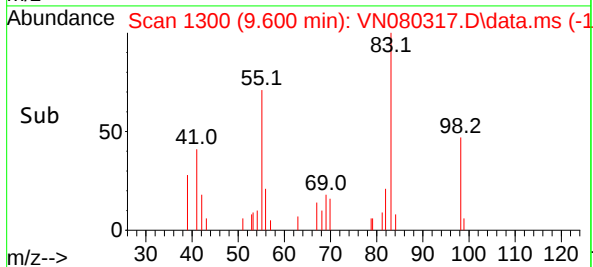
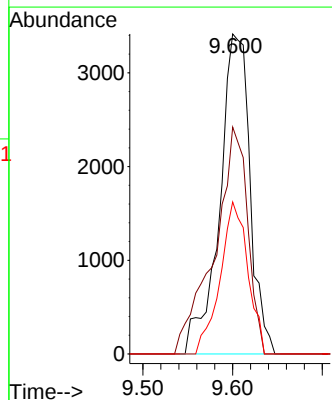
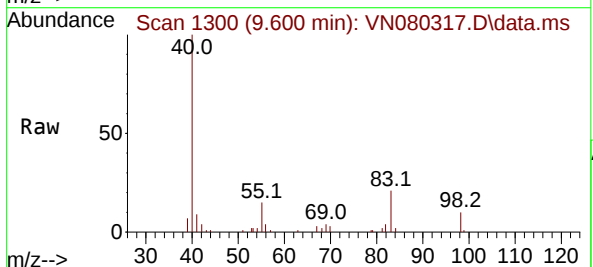
Tgt Ion: 83 Resp: 8058

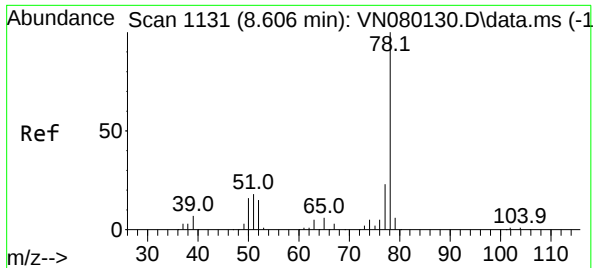
Ion Ratio Lower Upper

83 100

55 70.9 49.1 73.7

98 47.5 40.6 61.0

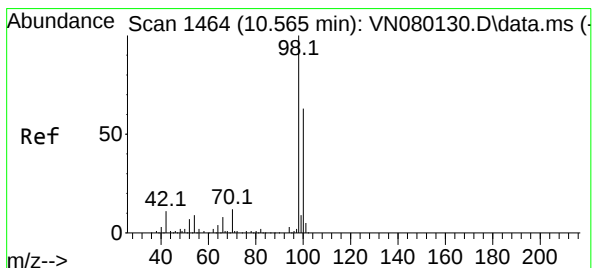
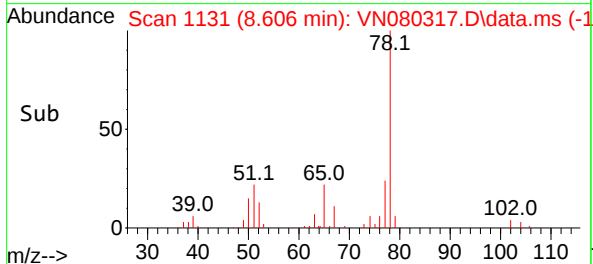
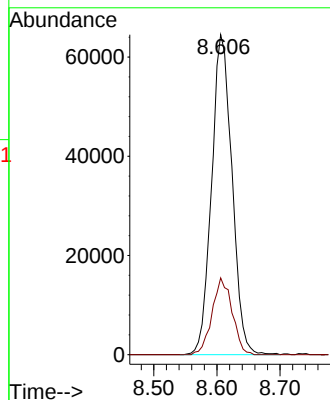
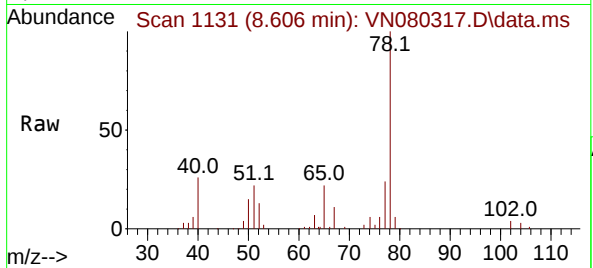




#40
Benzene
Concen: 16.752 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

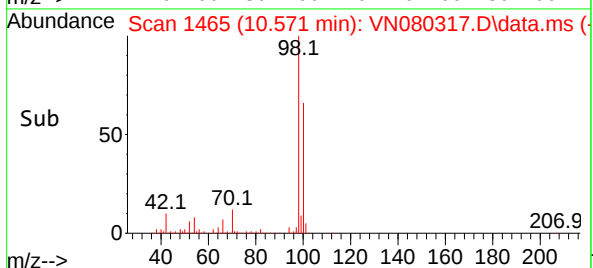
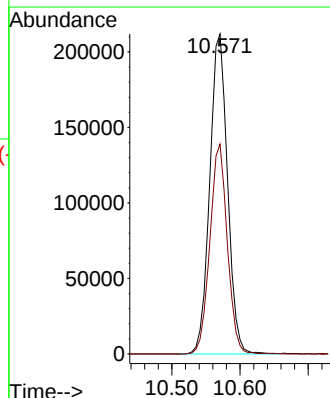
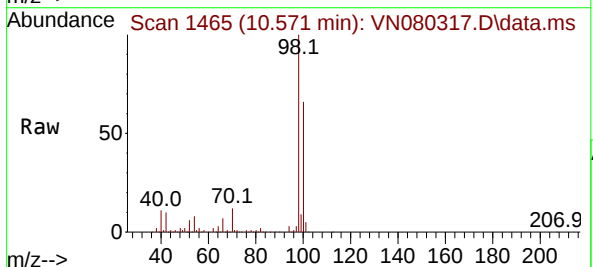
Instrument :
MSVOA_N
ClientSampleId :
MW04S

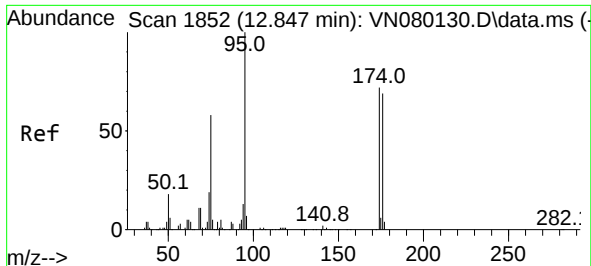
Tgt Ion: 78 Resp: 144934
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 98 Resp: 384577
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

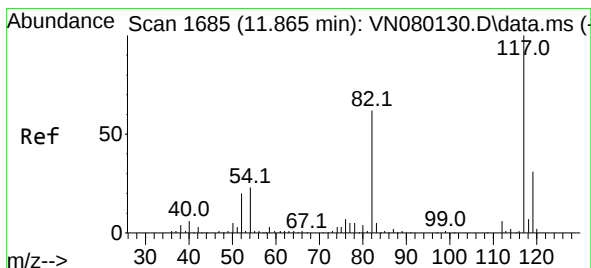
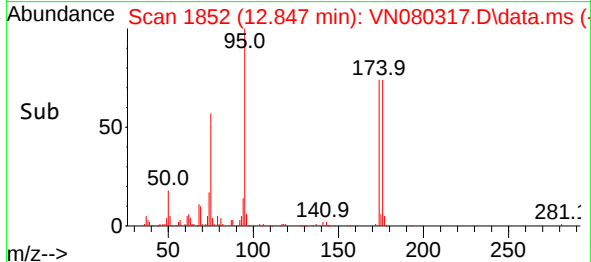
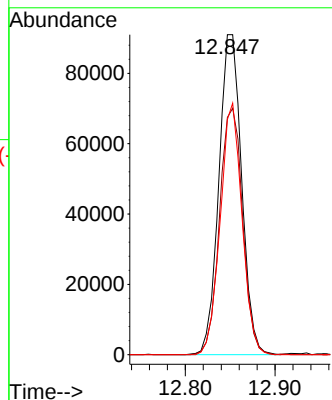
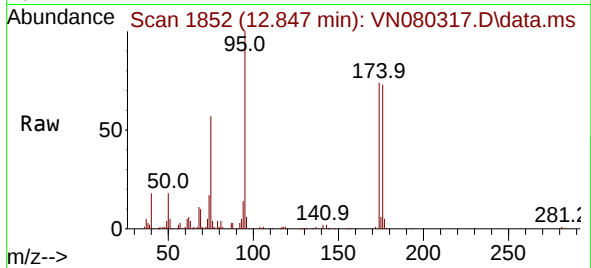




#62
4-Bromofluorobenzene
Concen: 56.014 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

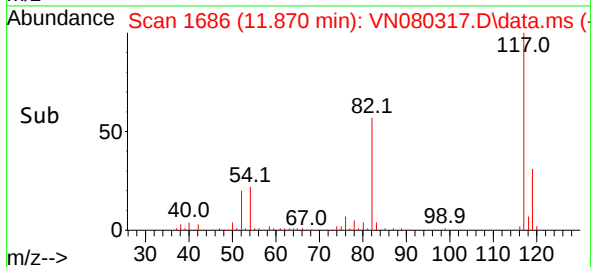
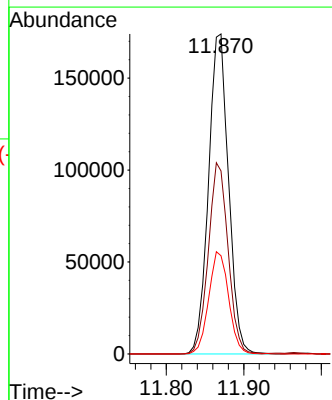
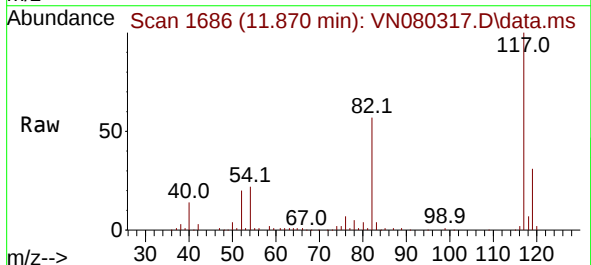
Instrument :
MSVOA_N
ClientSampleId :
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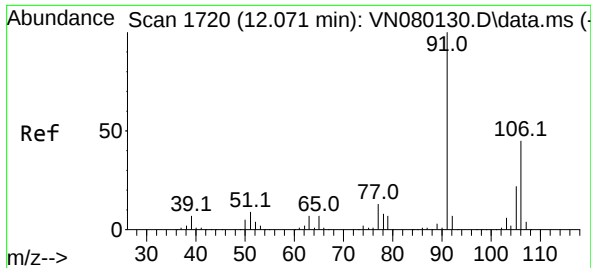
Tgt Ion: 95 Resp: 160357
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 75.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 117 Resp: 311773
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 30.7 25.6 38.4

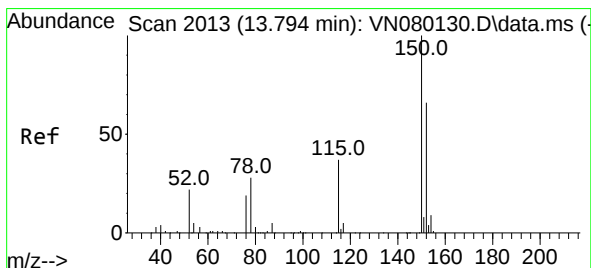
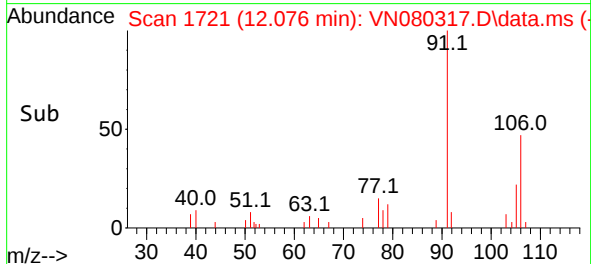
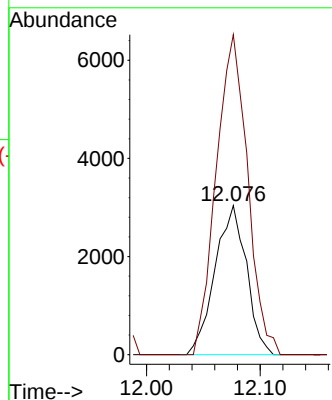
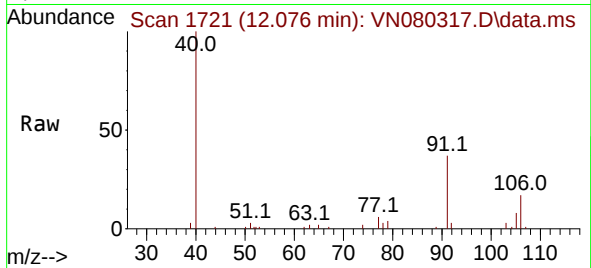




#68
m/p-Xylenes
Concen: 1.275 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

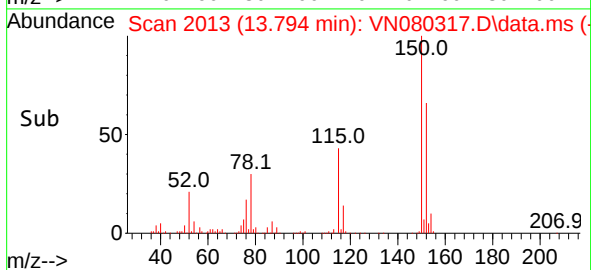
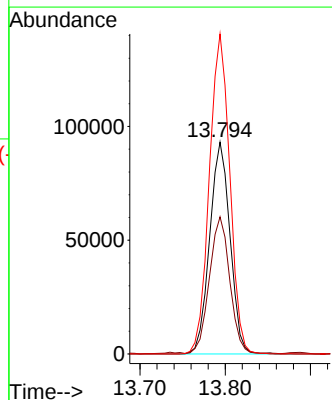
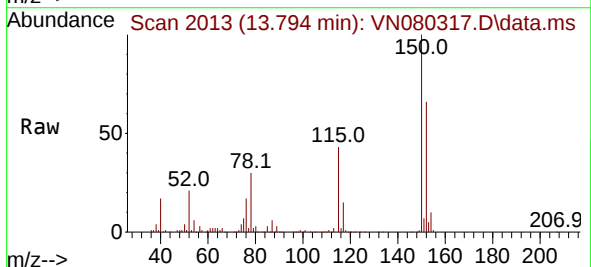
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MSVOA_N
ClientSampleId :
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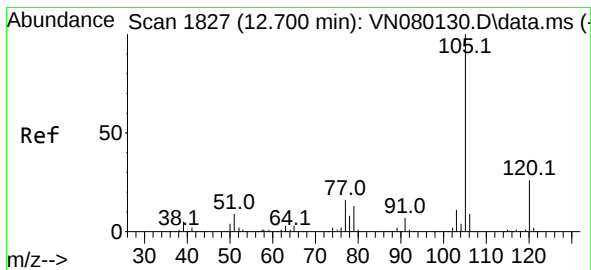
Tgt Ion:106 Resp: 5844
Ion Ratio Lower Upper
106 100
91 214.6 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion:152 Resp: 154421
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 151.4 0.0 355.8





#73

Isopropylbenzene

Concen: 3.623 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

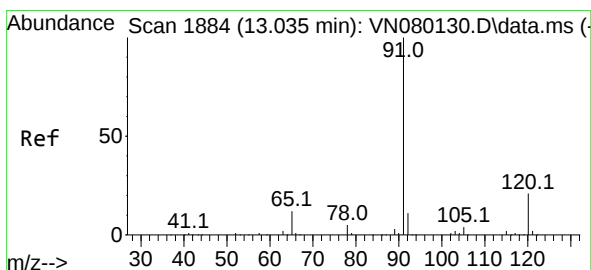
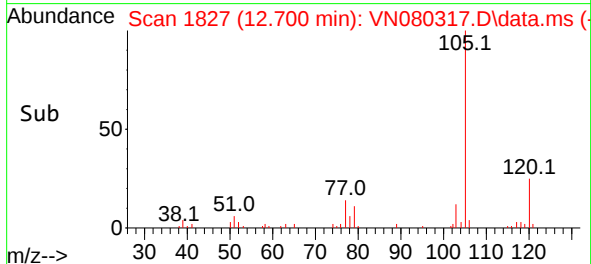
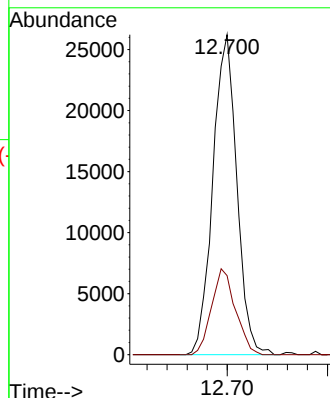
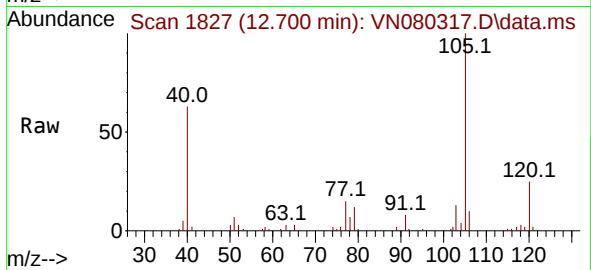
MW04S

Tgt Ion:105 Resp: 43470

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



#78

n-propylbenzene

Concen: 1.593 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080317.D

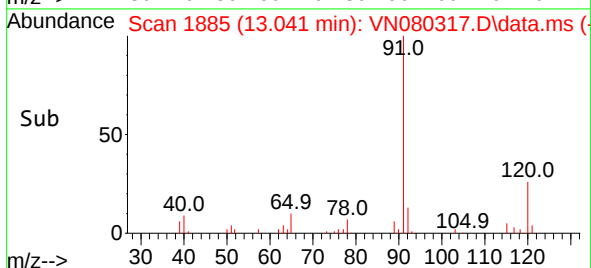
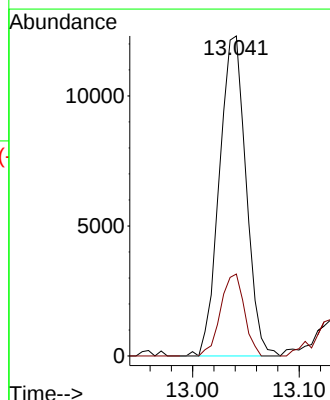
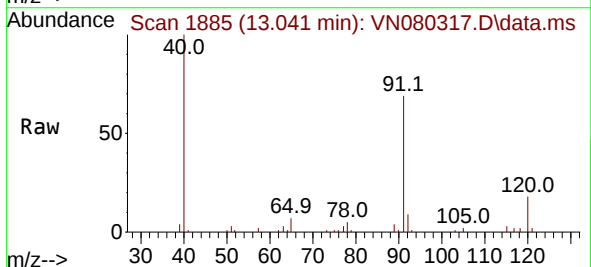
Acq: 01 Dec 2023 12:12

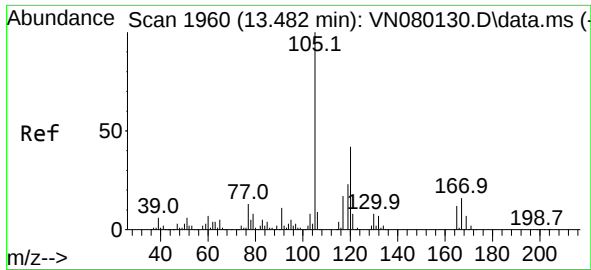
Tgt Ion: 91 Resp: 21372

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 1.579 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

MW04S

Tgt Ion:105 Resp: 16242

Ion Ratio Lower Upper

105 100

120 40.2 22.0 66.0

