

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080384.D
 Acq On : 06 Dec 2023 14:24
 Operator : JC\MD
 Sample : 05612-07DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01DL

Quant Time: Dec 07 00:59:50 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)

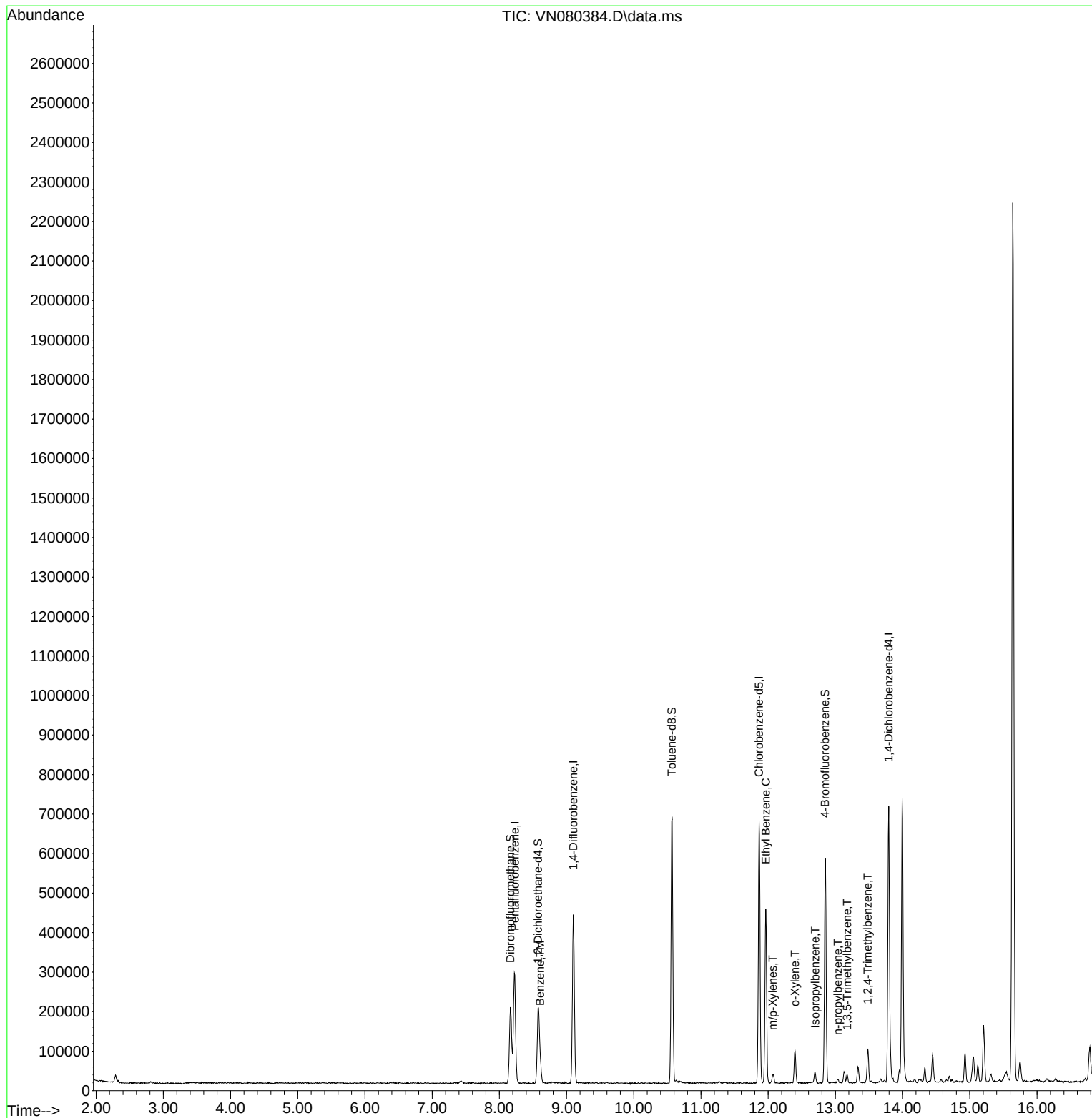
Internal Standards						
1) Pentafluorobenzene	8.230	168	198738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	382330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165340	50.386	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.780%		
35) Dibromofluoromethane	8.165	113	135658	51.300	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.600%		
50) Toluene-d8	10.565	98	473641	49.686	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.380%		
62) 4-Bromofluorobenzene	12.847	95	202795	56.322	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.640%		
Target Compounds						
						Qvalue
40) Benzene	8.606	78	50966	4.684	ug/l	95
67) Ethyl Benzene	11.965	91	323782	21.003	ug/l	99
68) m/p-Xylenes	12.070	106	7345	1.307	ug/l	85
69) o-Xylene	12.400	106	22719	4.289	ug/l	87
73) Isopropylbenzene	12.700	105	17992	1.261	ug/l	95
78) n-propylbenzene	13.035	91	8224	0.516	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	10927	0.880	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	50781	4.153	ug/l	98

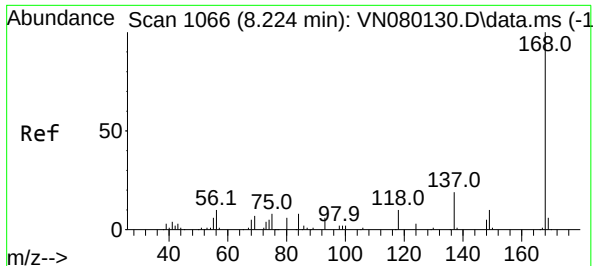
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 07 00:59:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

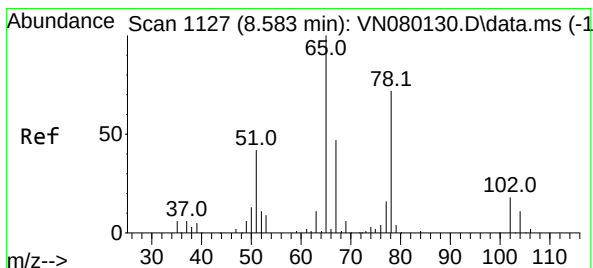
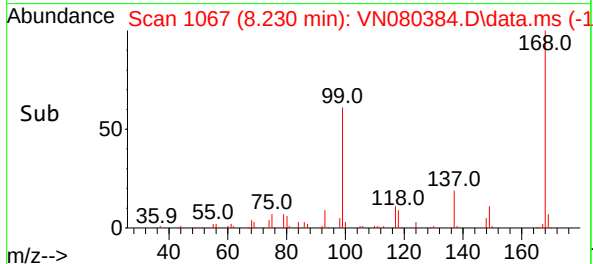
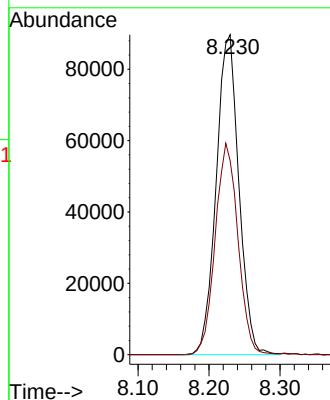
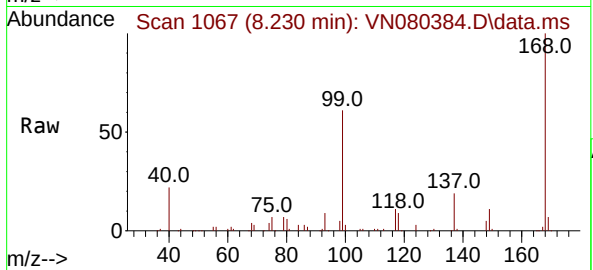




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

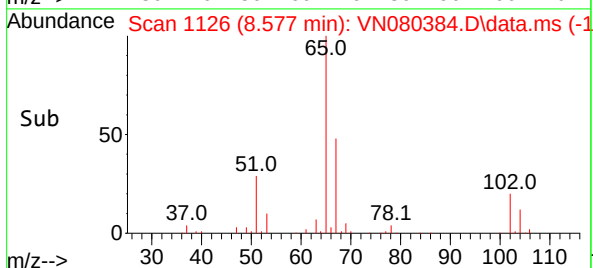
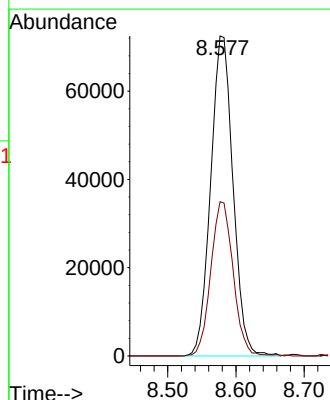
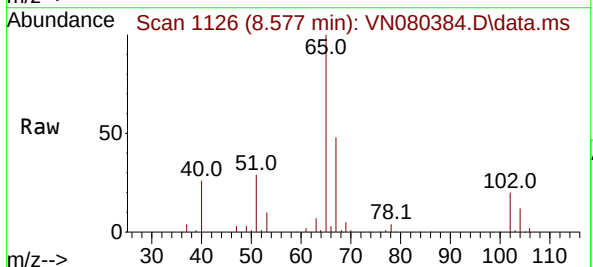
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

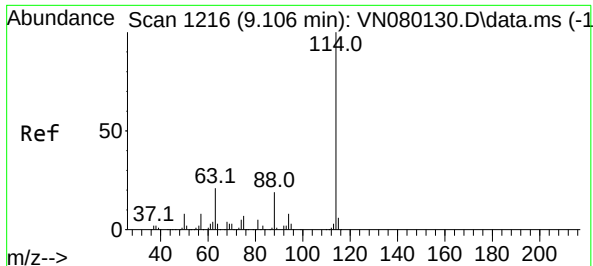
Tgt Ion:168 Resp: 198738
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.386 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

Tgt Ion: 65 Resp: 165340
Ion Ratio Lower Upper
65 100
67 48.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080384.D

Acq: 06 Dec 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

DUP-01DL

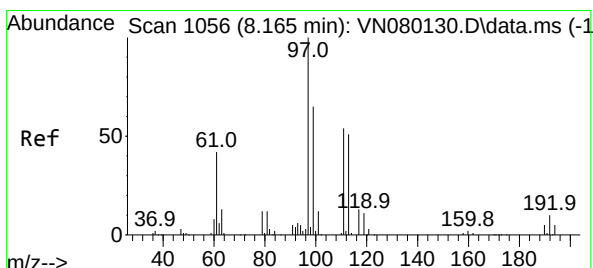
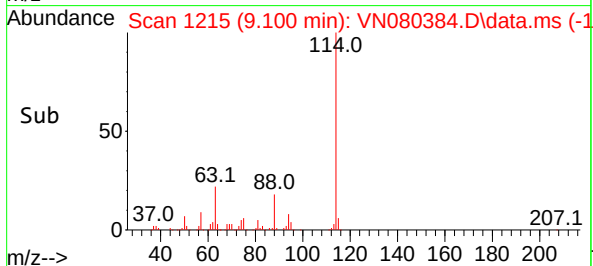
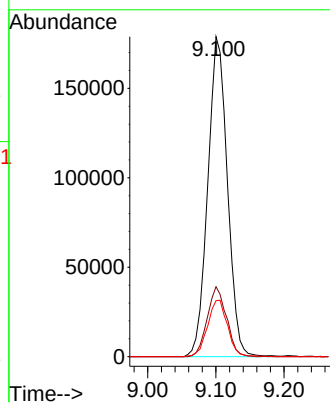
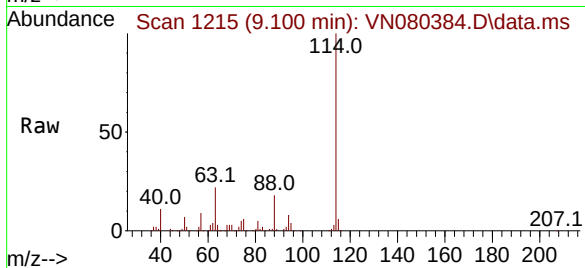
Tgt Ion:114 Resp: 358386

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.300 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080384.D

Acq: 06 Dec 2023 14:24

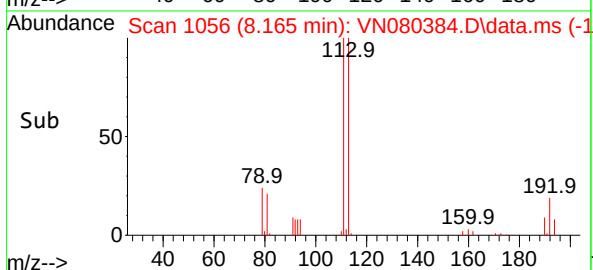
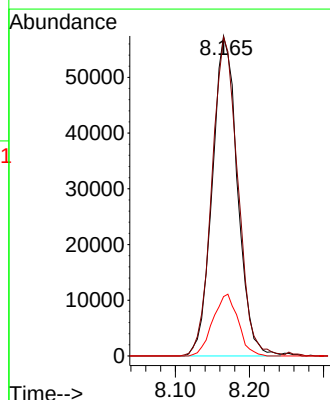
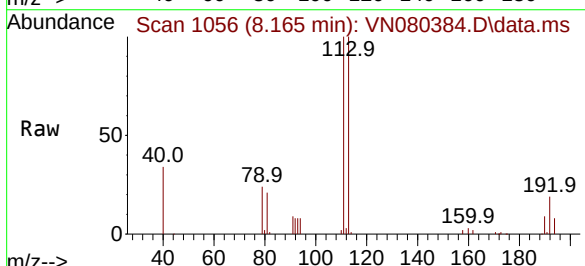
Tgt Ion:113 Resp: 135658

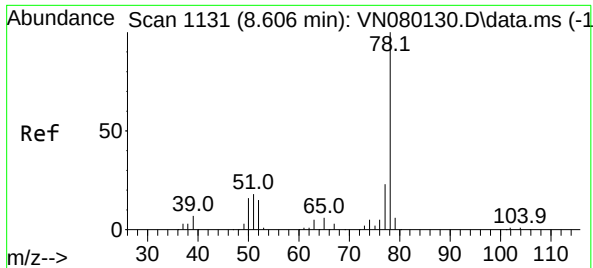
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 19.4 12.7 19.1#

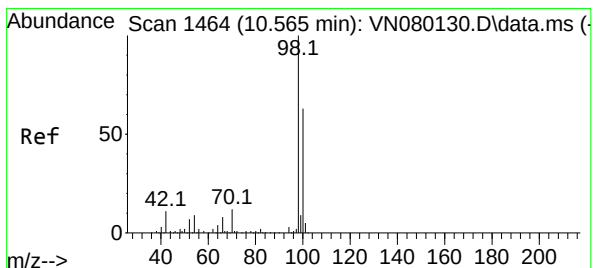
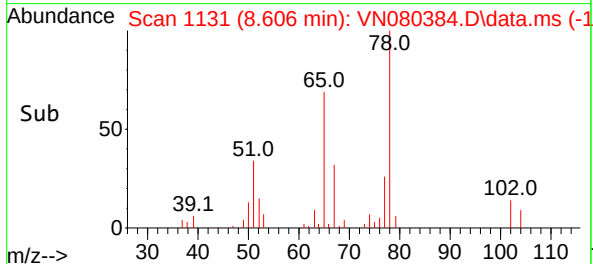
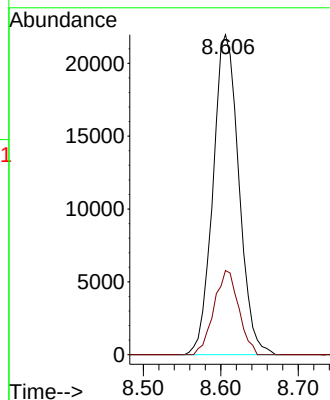
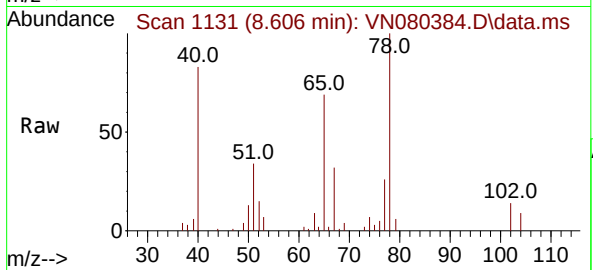




#40
Benzene
Concen: 4.684 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

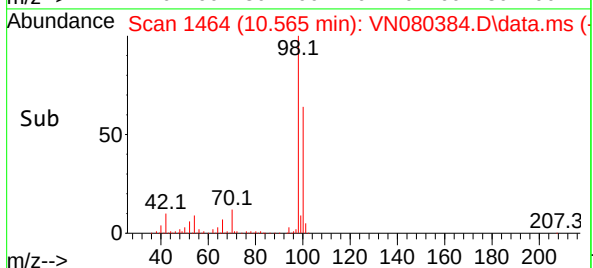
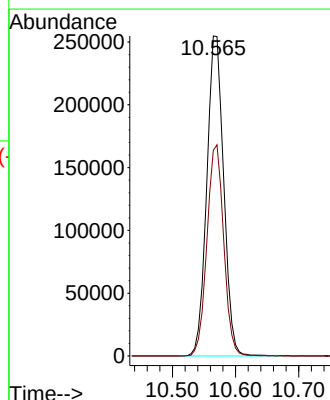
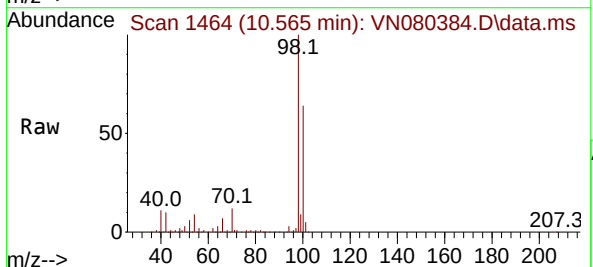
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

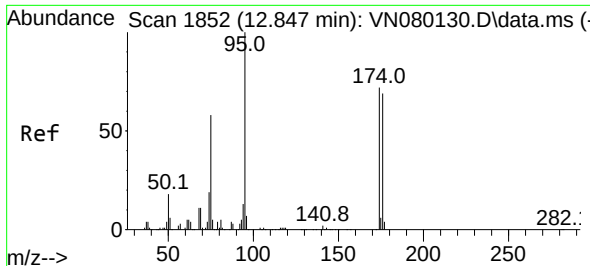
Tgt Ion: 78 Resp: 50966
Ion Ratio Lower Upper
78 100
77 26.3 19.0 28.6



#50
Toluene-d8
Concen: 49.686 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

Tgt Ion: 98 Resp: 473641
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

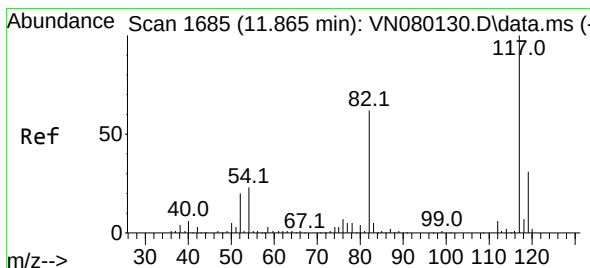
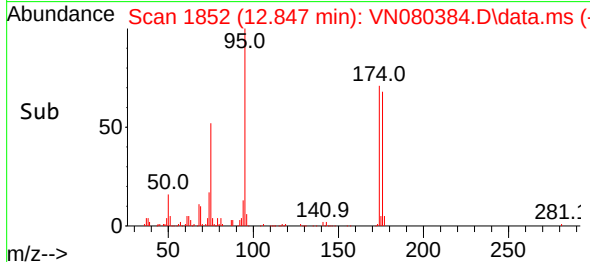
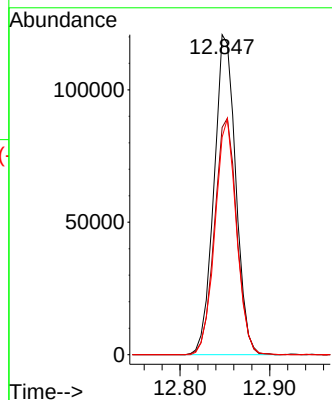
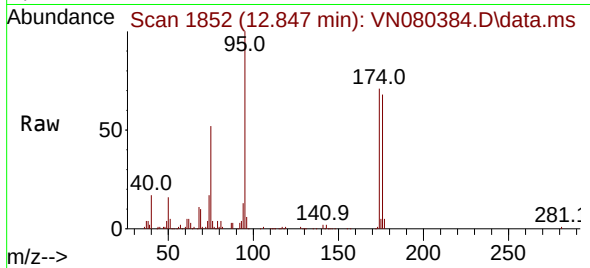




#62
4-Bromofluorobenzene
Concen: 56.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

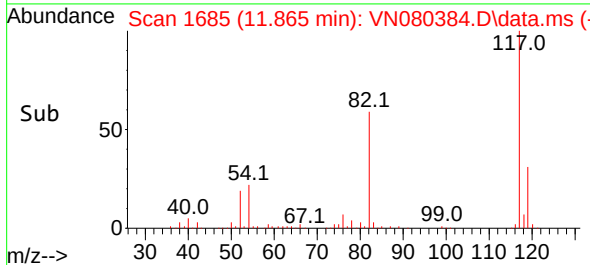
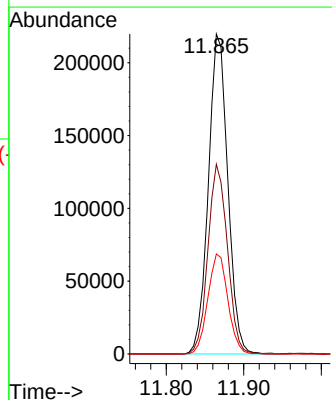
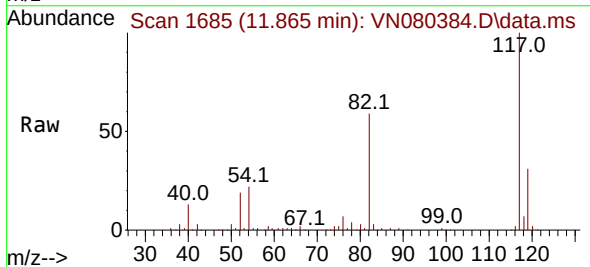
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

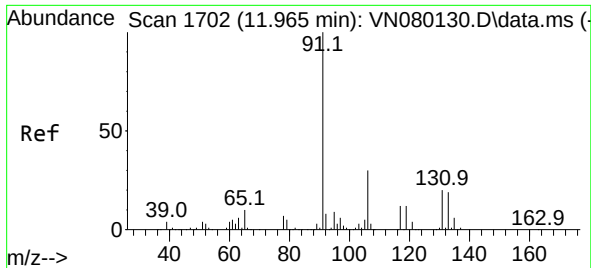
Tgt Ion: 95 Resp: 202795
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

Tgt Ion: 117 Resp: 382330
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 31.2 25.6 38.4

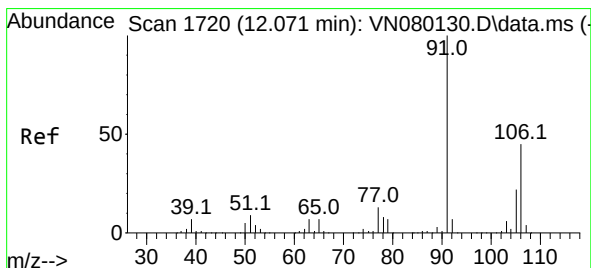
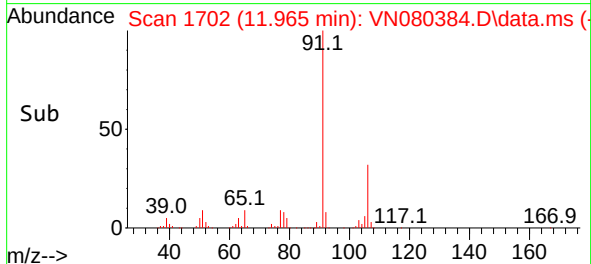
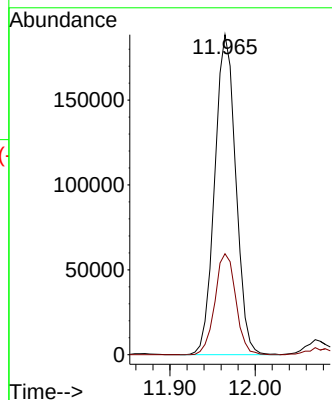
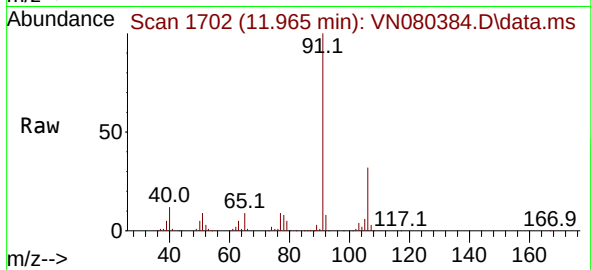




#67
Ethyl Benzene
Concen: 21.003 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

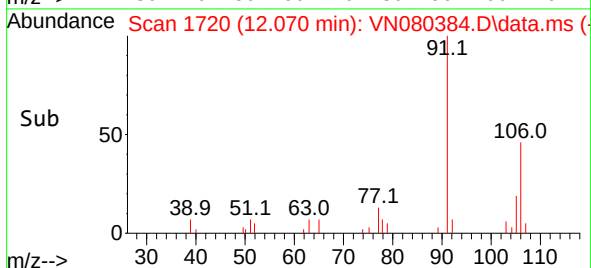
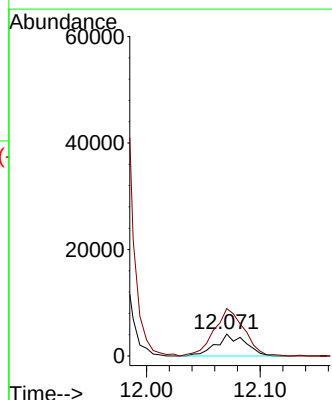
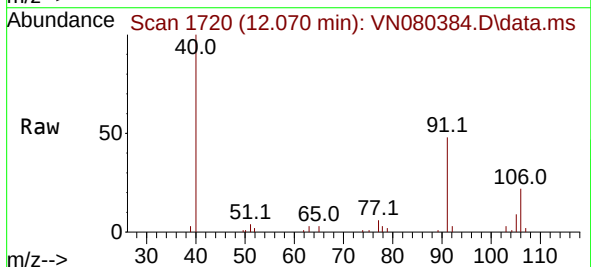
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

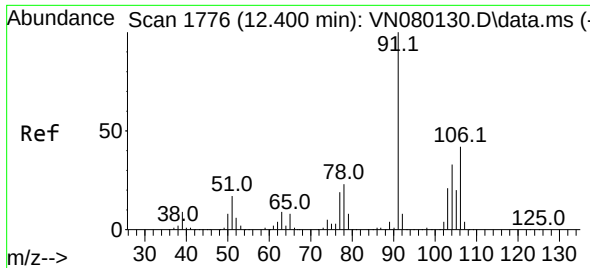
Tgt Ion: 91 Resp: 323782
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 1.307 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

Tgt Ion:106 Resp: 7345
Ion Ratio Lower Upper
106 100
91 222.5 159.6 239.4

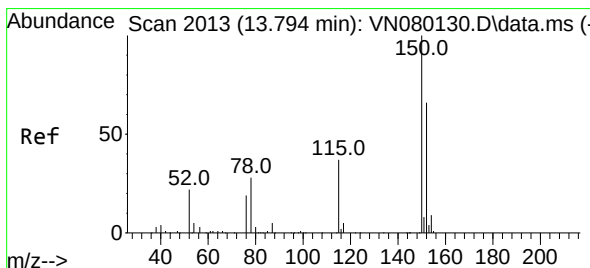
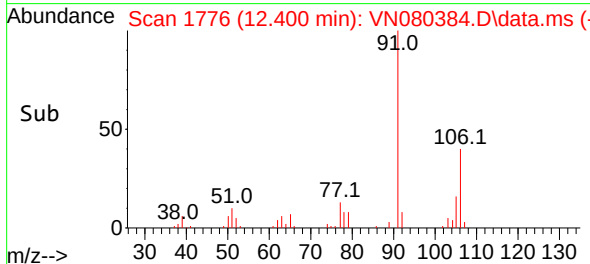
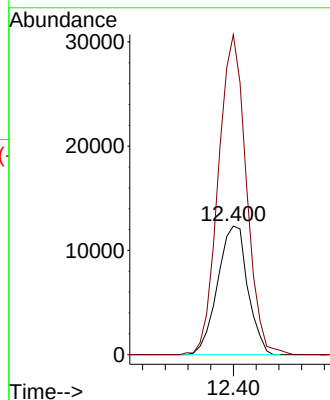
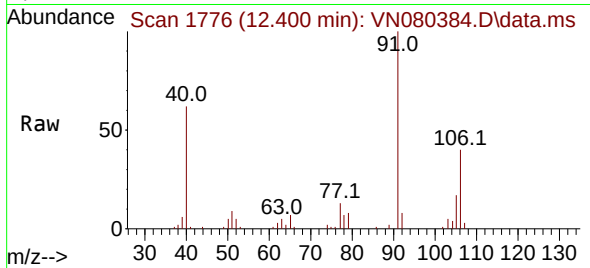




#69
o-Xylene
Concen: 4.289 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

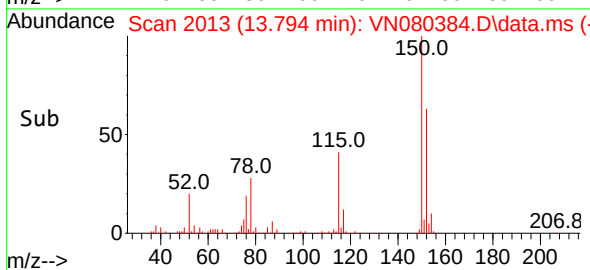
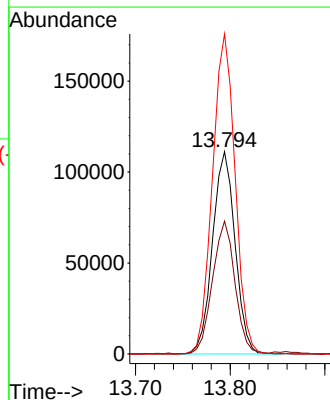
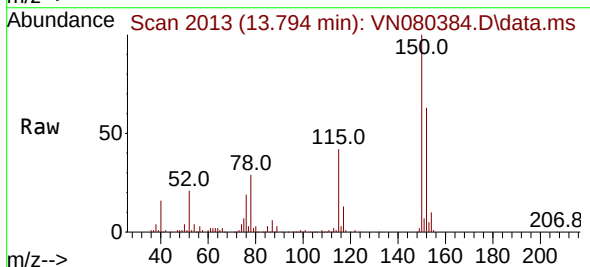
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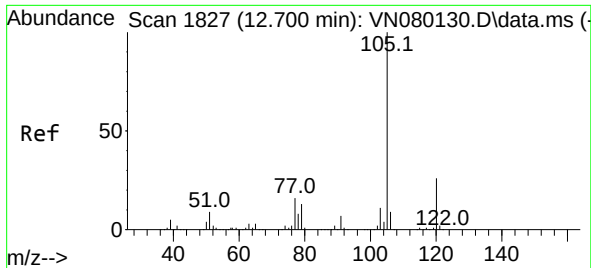
Tgt Ion:106 Resp: 22719
Ion Ratio Lower Upper
106 100
91 231.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

Tgt Ion:152 Resp: 183585
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 159.1 0.0 355.8

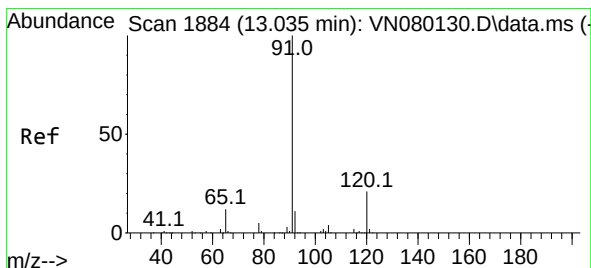
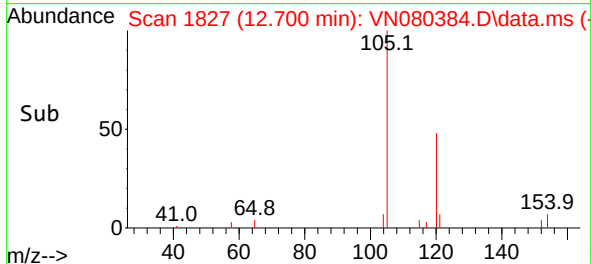
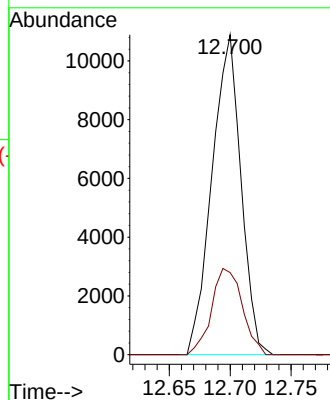
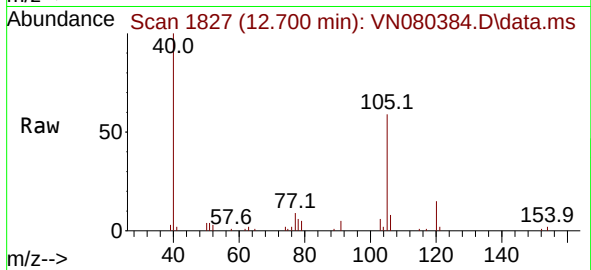




#73
Isopropylbenzene
Concen: 1.261 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

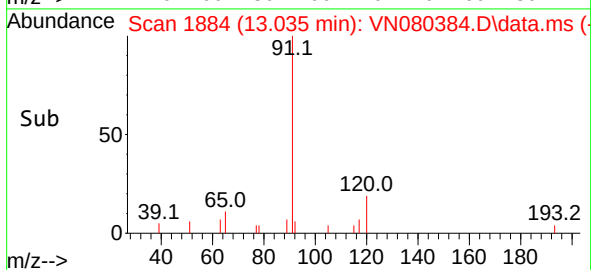
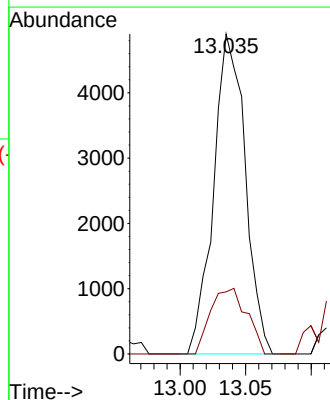
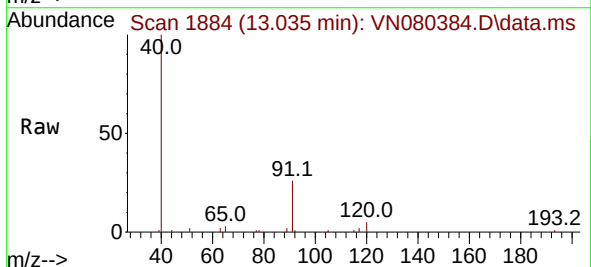
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

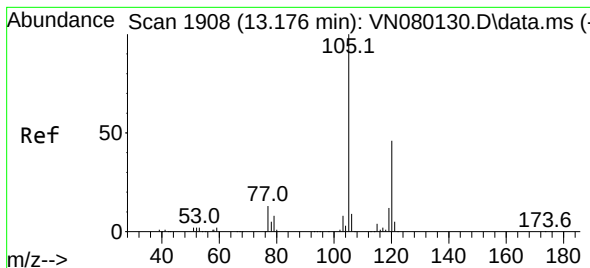
Tgt Ion:105 Resp: 17992
Ion Ratio Lower Upper
105 100
120 28.6 13.1 39.1



#78
n-propylbenzene
Concen: 0.516 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080384.D
Acq: 06 Dec 2023 14:24

Tgt Ion: 91 Resp: 8224
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.880 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080384.D

Acq: 06 Dec 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

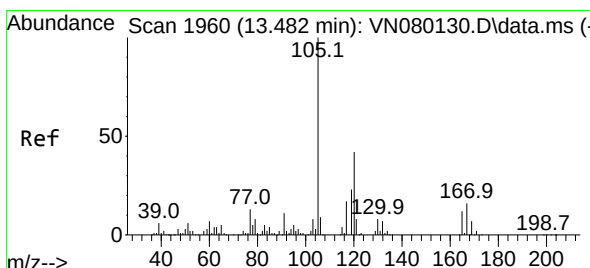
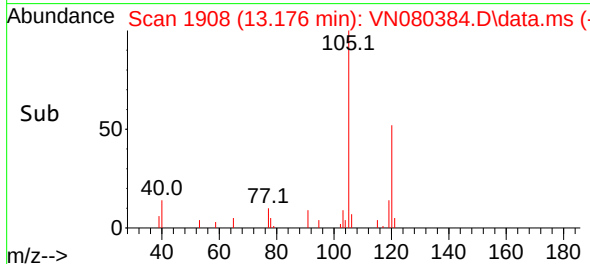
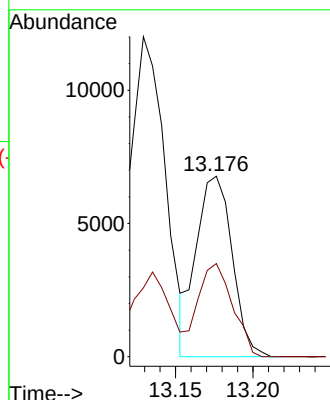
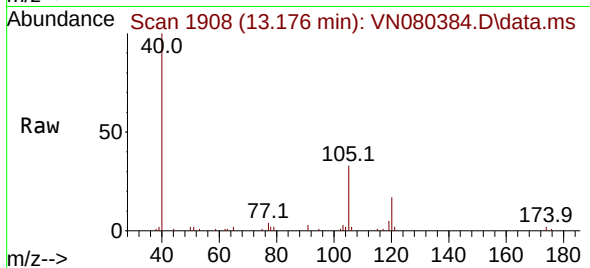
DUP-01DL

Tgt Ion:105 Resp: 10927

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 4.153 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080384.D

Acq: 06 Dec 2023 14:24

Tgt Ion:105 Resp: 50781

Ion Ratio Lower Upper

105 100

120 43.0 22.0 66.0

