

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079042.D
 Acq On : 24 Aug 2023 19:31
 Operator : JC\MD
 Sample : 04093-01DL 200X
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z45-46DL

Quant Time: Aug 25 02:58:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

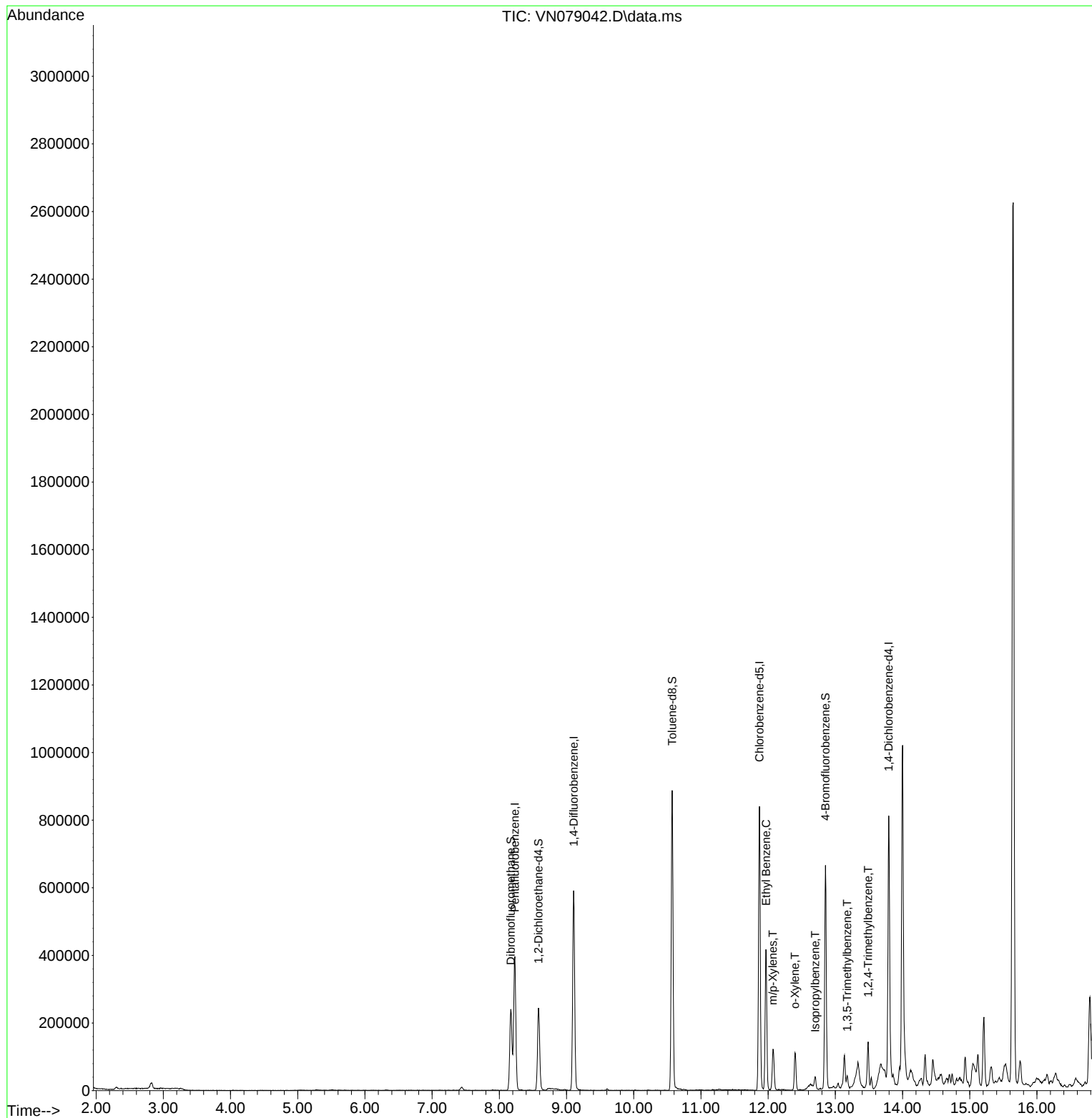
Internal Standards						
1) Pentafluorobenzene	8.230	168	294161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	512142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191637	41.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.740%		
35) Dibromofluoromethane	8.171	113	168631	48.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.820%		
50) Toluene-d8	10.571	98	606470	47.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.760%		
62) 4-Bromofluorobenzene	12.853	95	218866	52.310	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.620%		
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.971	91	305871	16.691	ug/l	97
68) m/p-Xylenes	12.071	106	40143	5.859	ug/l	97
69) o-Xylene	12.400	106	30155	4.524	ug/l	93
73) Isopropylbenzene	12.700	105	22262	1.300	ug/l	90
80) 1,3,5-Trimethylbenzene	13.177	105	15893	1.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	72948	5.428	ug/l	95

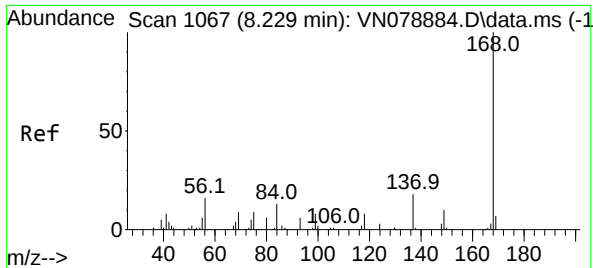
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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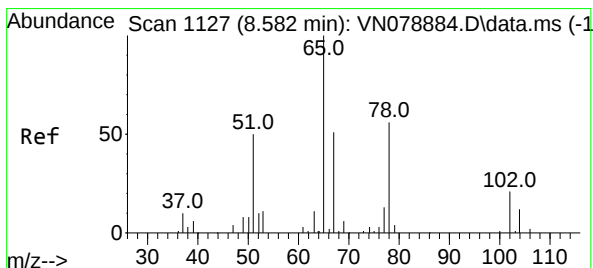
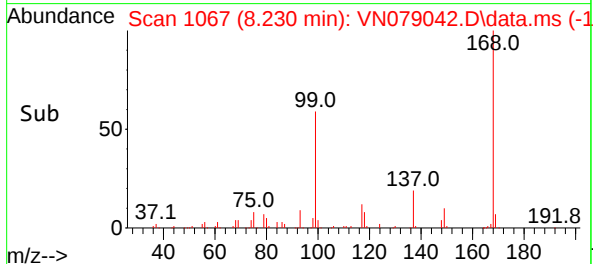
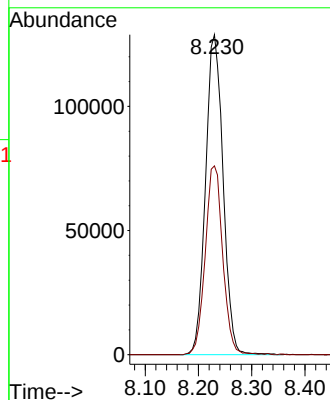
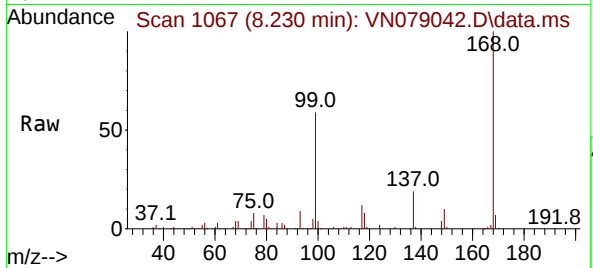




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

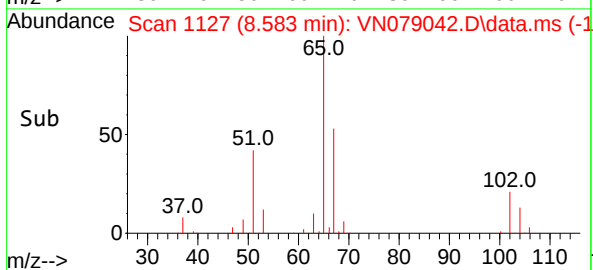
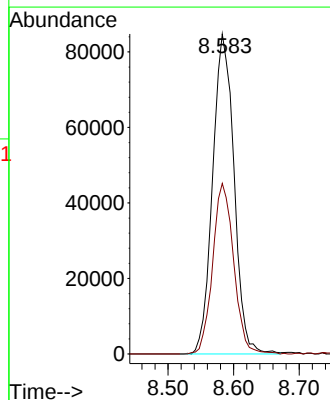
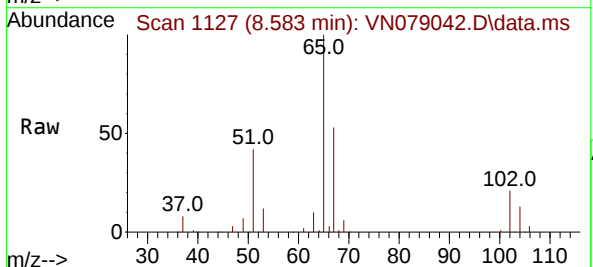
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z45-46DL

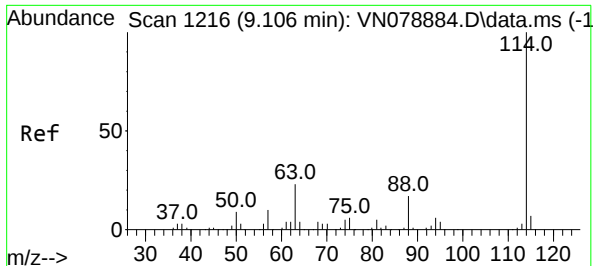
Tgt Ion:168 Resp: 294161
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 41.866 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

Tgt Ion: 65 Resp: 191637
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079042.D

Acq: 24 Aug 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z45-46DL

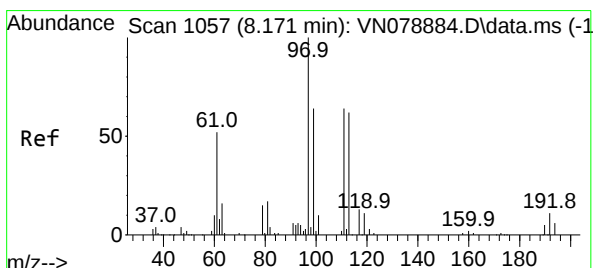
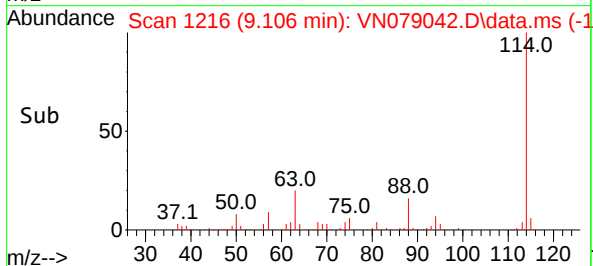
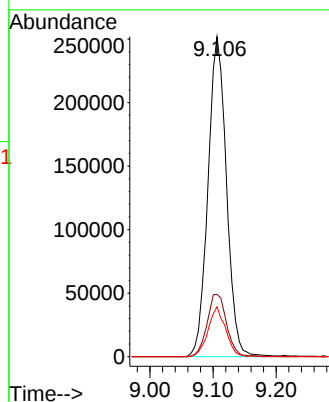
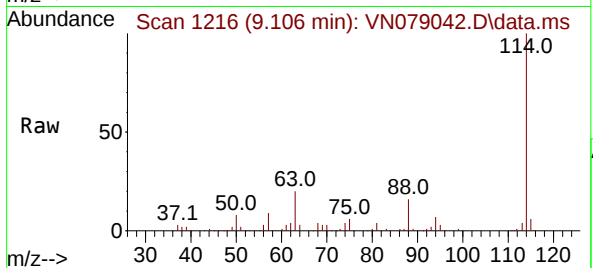
Tgt Ion:114 Resp: 512142

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.914 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079042.D

Acq: 24 Aug 2023 19:31

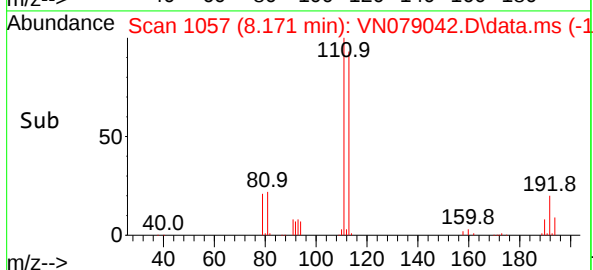
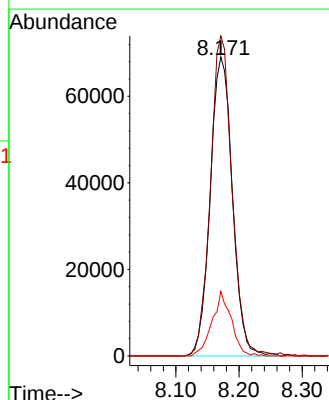
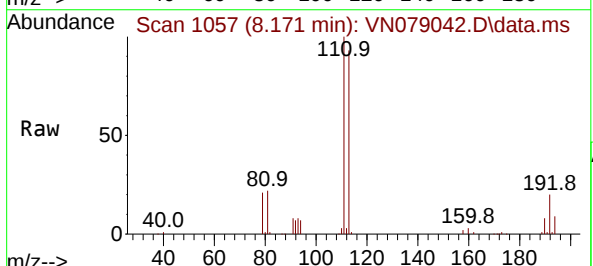
Tgt Ion:113 Resp: 168631

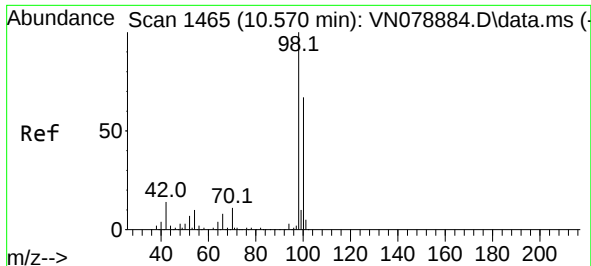
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 18.8 12.7 19.1

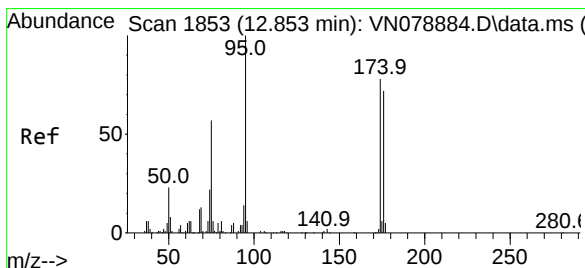
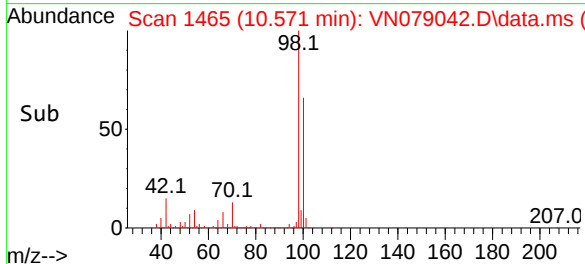
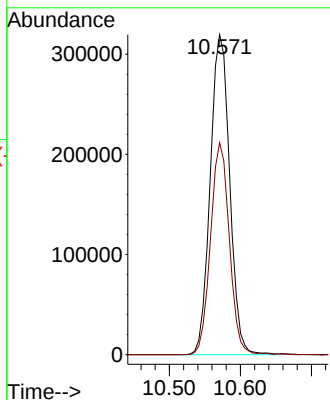
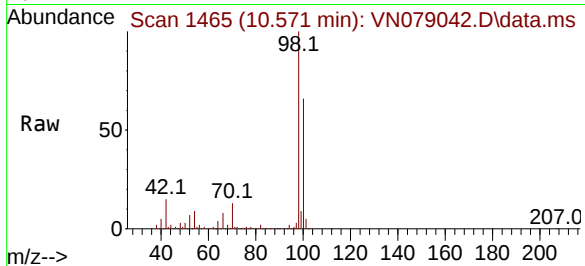




#50
Toluene-d8
Concen: 47.378 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

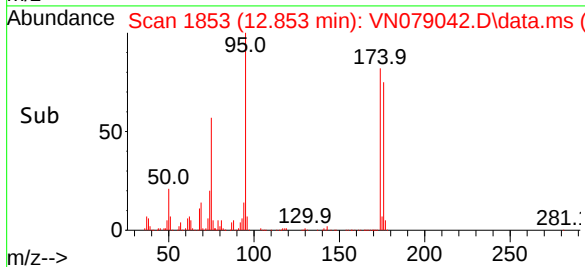
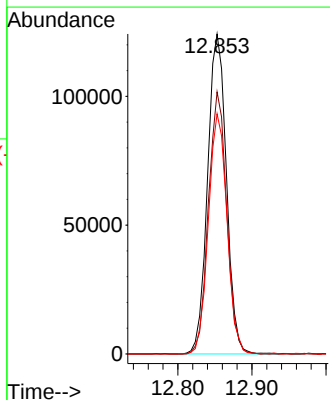
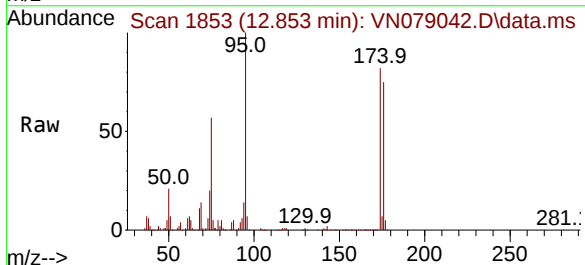
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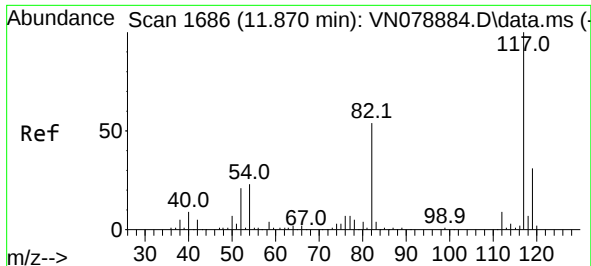
Tgt Ion: 98 Resp: 606470
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.310 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

Tgt Ion: 95 Resp: 218866
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 74.1 0.0 135.8

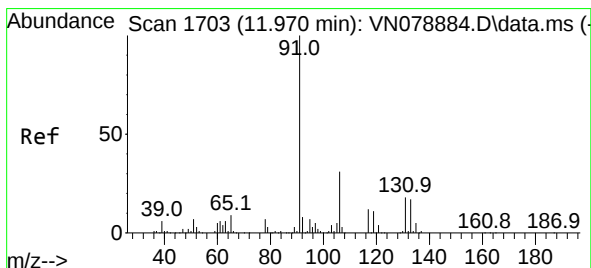
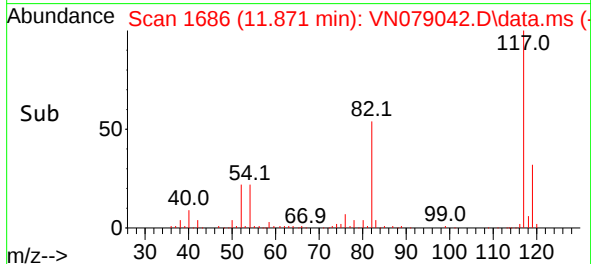
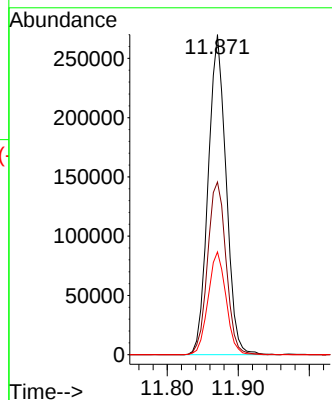
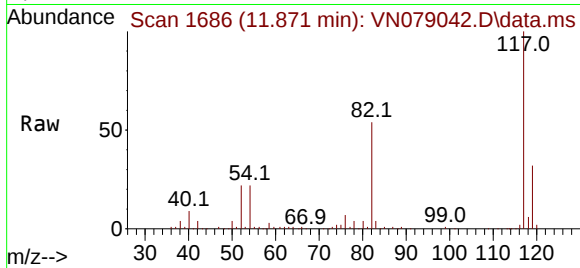




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

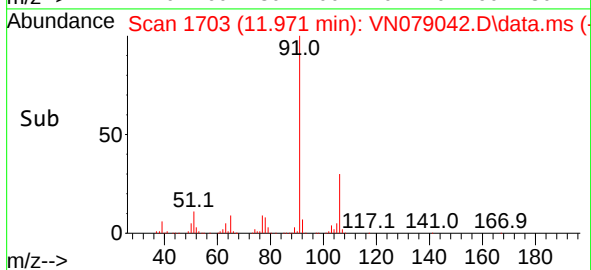
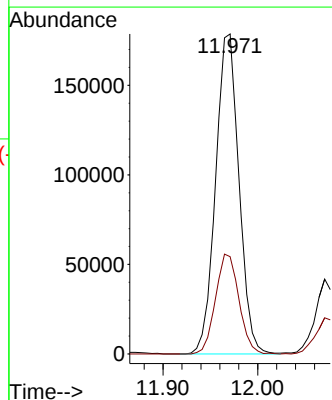
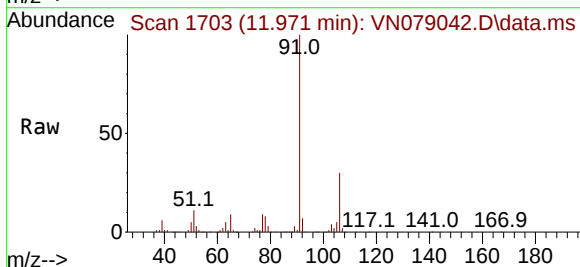
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z45-46DL

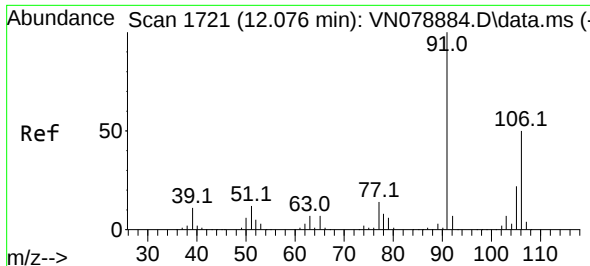
Tgt Ion:117 Resp: 473403
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.1 25.6 38.4



#67
Ethyl Benzene
Concen: 16.691 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

Tgt Ion: 91 Resp: 305871
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

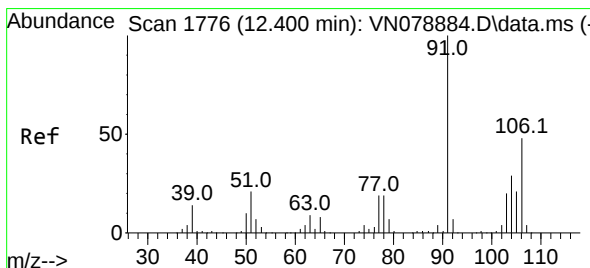
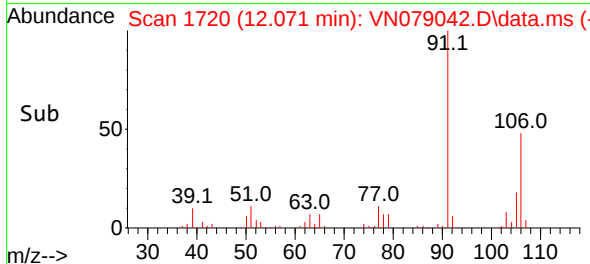
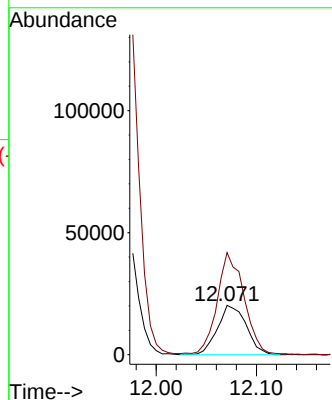
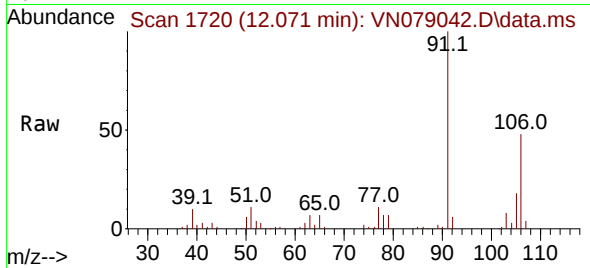




#68
m/p-Xylenes
Concen: 5.859 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

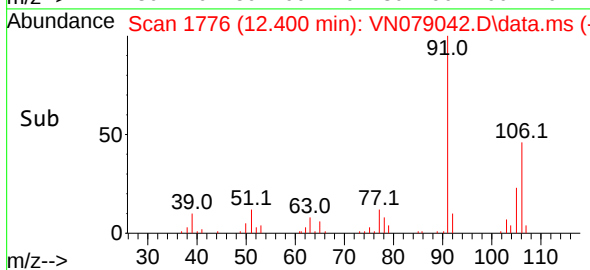
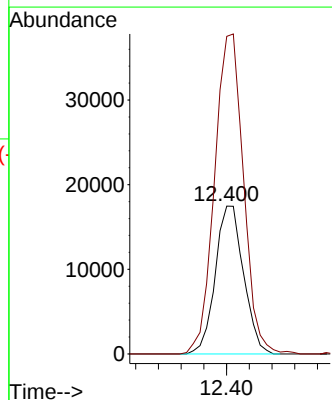
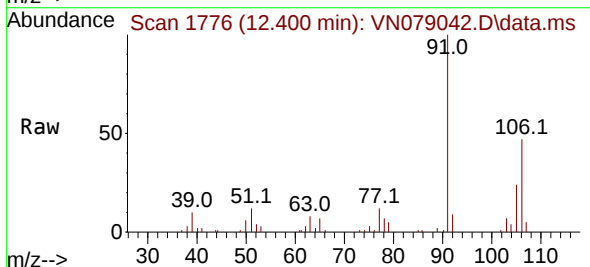
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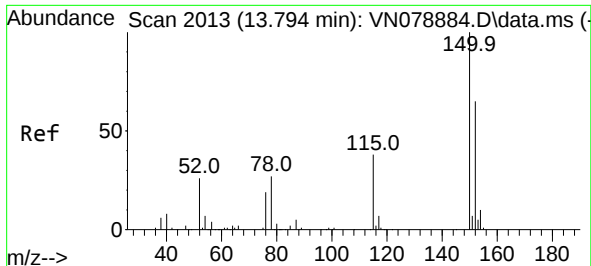
Tgt Ion:106 Resp: 40143
Ion Ratio Lower Upper
106 100
91 195.6 159.6 239.4



#69
o-Xylene
Concen: 4.524 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

Tgt Ion:106 Resp: 30155
Ion Ratio Lower Upper
106 100
91 221.9 105.2 315.5

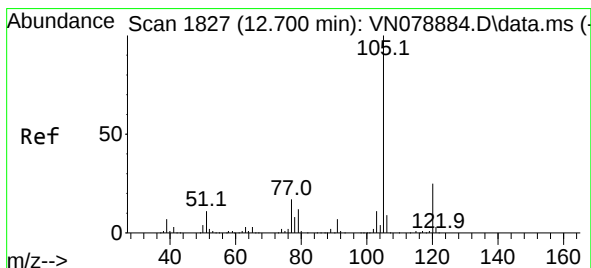
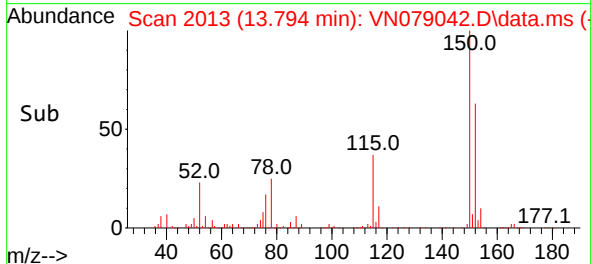
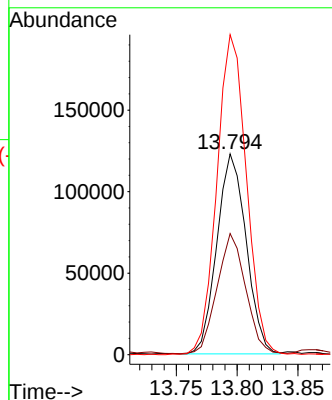
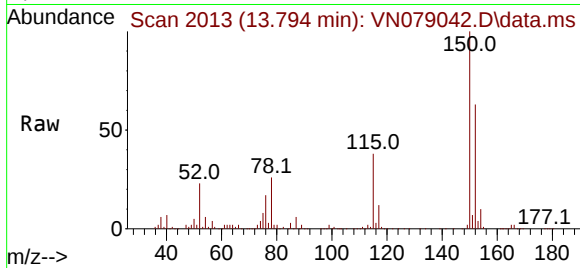




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

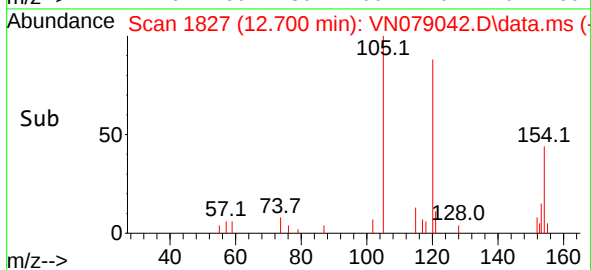
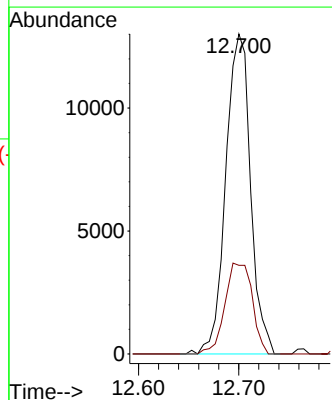
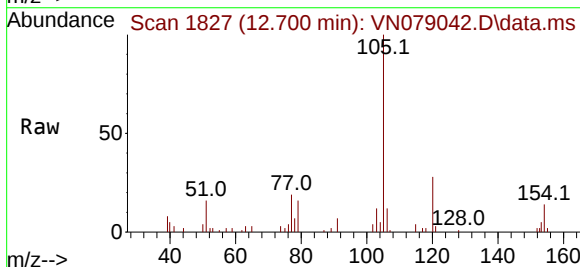
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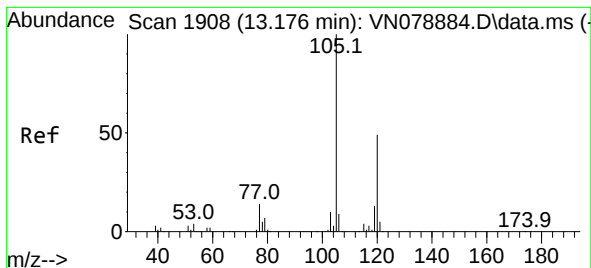
Tgt Ion:152 Resp: 205398
Ion Ratio Lower Upper
152 100
115 58.3 32.3 96.8
150 161.8 0.0 355.8



#73
Isopropylbenzene
Concen: 1.300 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079042.D
Acq: 24 Aug 2023 19:31

Tgt Ion:105 Resp: 22262
Ion Ratio Lower Upper
105 100
120 31.3 13.1 39.1





#80

1,3,5-Trimethylbenzene

Concen: 1.171 ug/l

RT: 13.177 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VN079042.D

Acq: 24 Aug 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

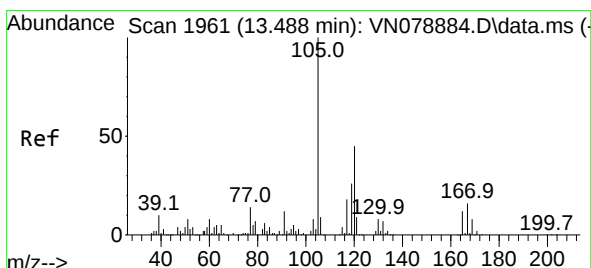
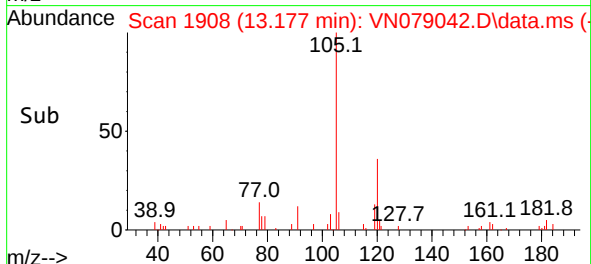
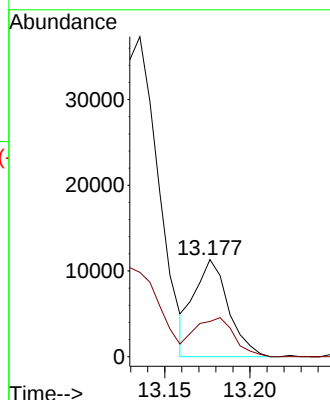
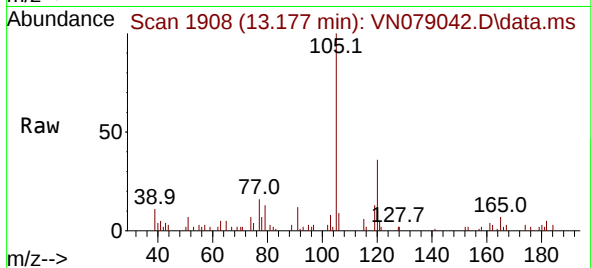
NEVINS-SB04-Z45-46DL

Tgt Ion:105 Resp: 15893

Ion Ratio Lower Upper

105 100

120 46.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.428 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079042.D

Acq: 24 Aug 2023 19:31

Tgt Ion:105 Resp: 72948

Ion Ratio Lower Upper

105 100

120 47.4 22.0 66.0

