

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079050.D
 Acq On : 25 Aug 2023 15:10
 Operator : JC\MD
 Sample : 04047-04DL 400X
 Misc : 6.72g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z83-84DL

Quant Time: Aug 25 23:04:20 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)

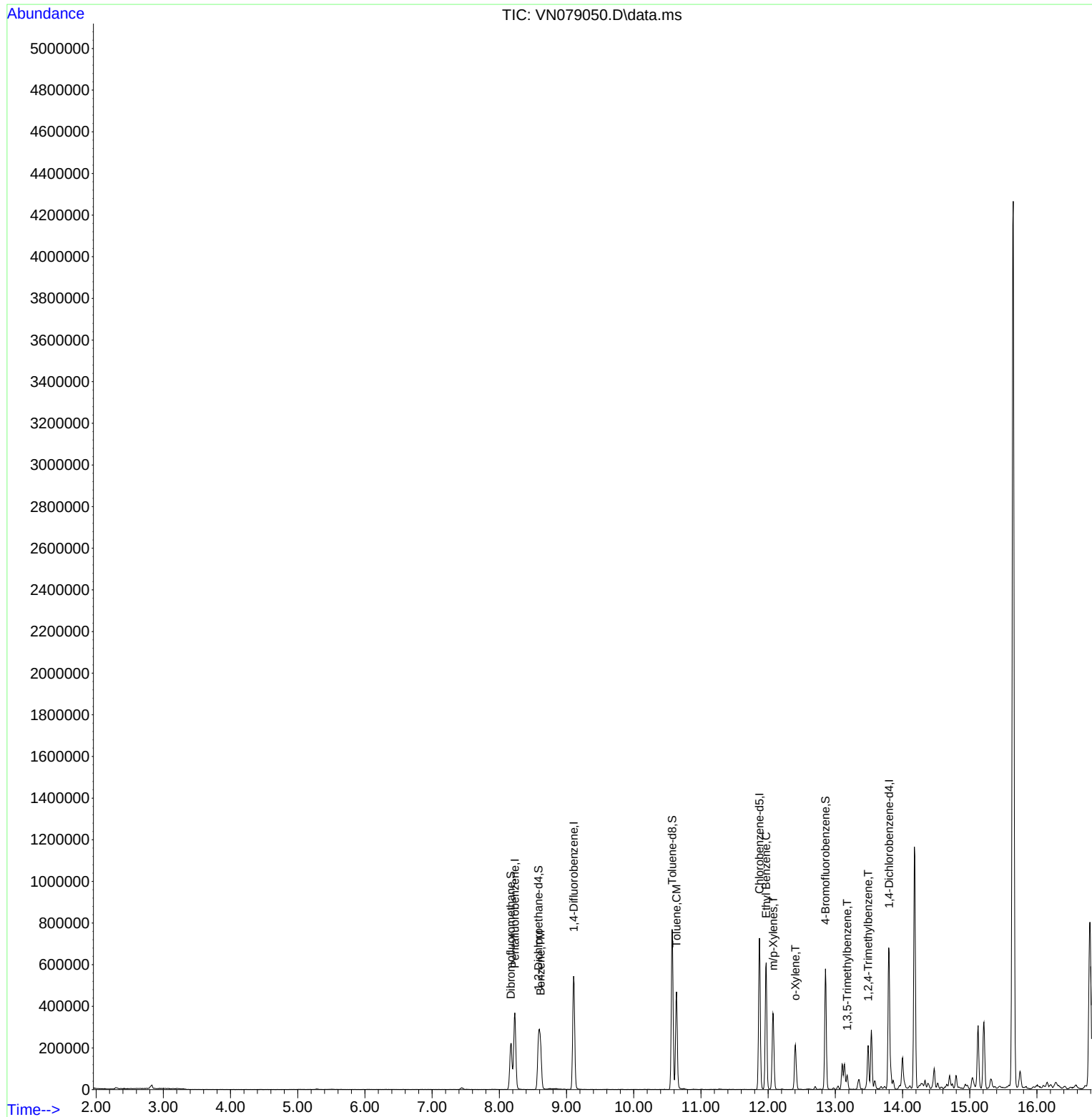
Internal Standards						
1) Pentafluorobenzene	8.230	168	266845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	404942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	175762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185555	44.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.380%		
35) Dibromofluoromethane	8.171	113	160593	51.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.040%		
50) Toluene-d8	10.571	98	519405	44.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.880%		
62) 4-Bromofluorobenzene	12.853	95	186263	48.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.500%		
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	192882	13.781	ug/l	95
52) Toluene	10.635	92	194573	22.643	ug/l	96
67) Ethyl Benzene	11.971	91	443292	28.280	ug/l	99
68) m/p-Xylenes	12.076	106	115192	19.655	ug/l	99
69) o-Xylene	12.406	106	52133	9.144	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	32151	2.768	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	114201	9.931	ug/l	97

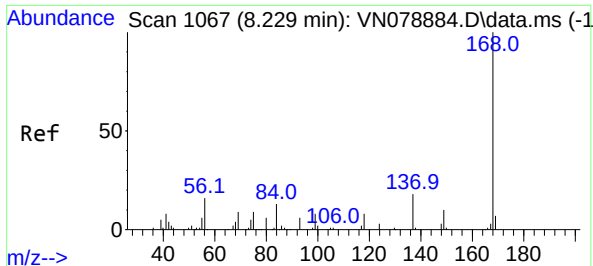
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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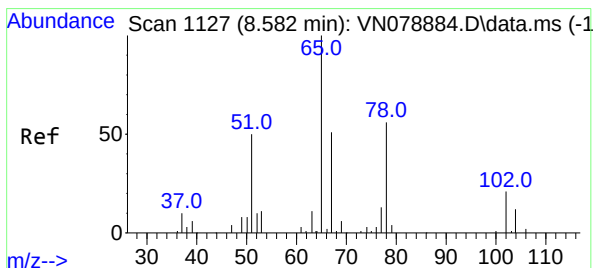
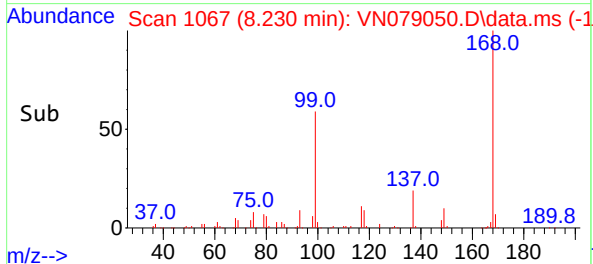
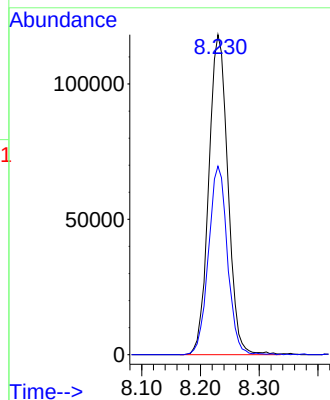
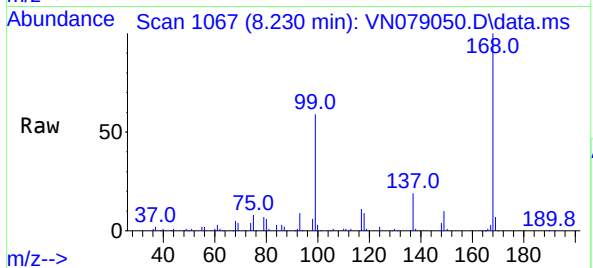




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

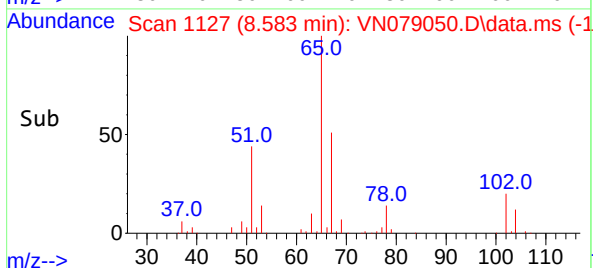
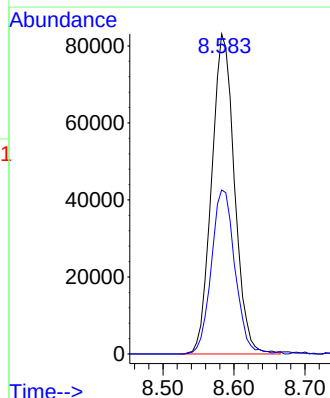
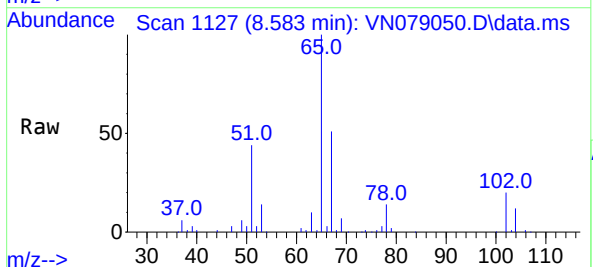
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z83-84DL

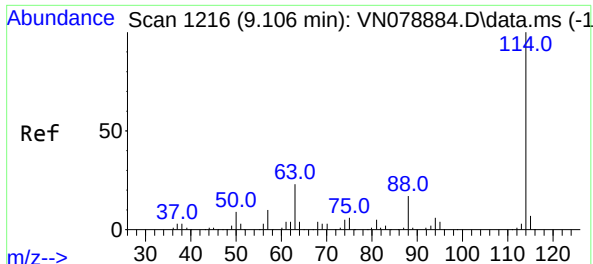
Tgt Ion:168 Resp: 266845
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.687 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

Tgt Ion: 65 Resp: 185555
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079050.D

Acq: 25 Aug 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z83-84DL

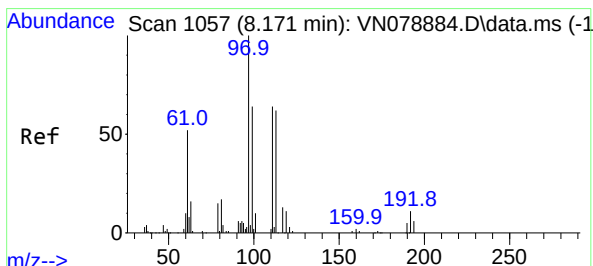
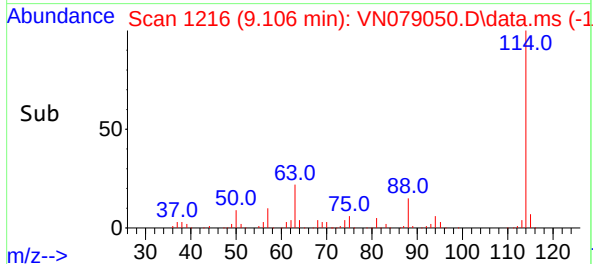
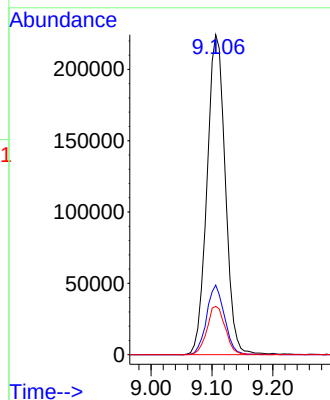
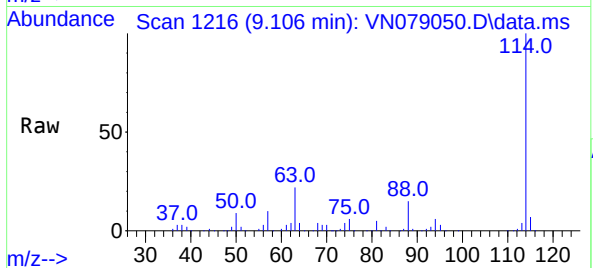
Tgt Ion:114 Resp: 467633

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.017 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079050.D

Acq: 25 Aug 2023 15:10

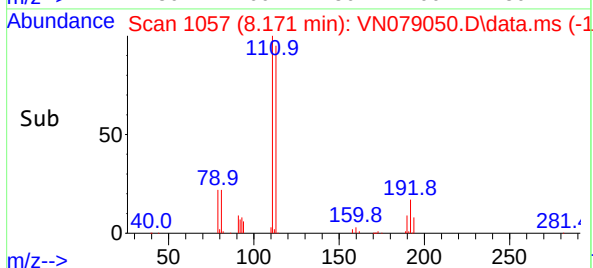
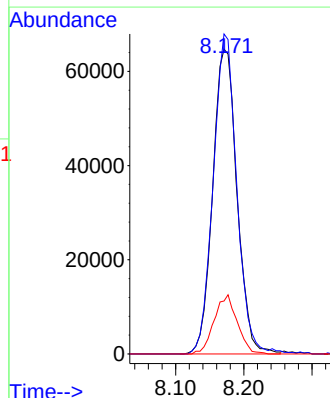
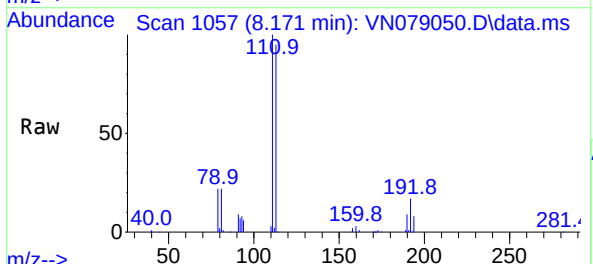
Tgt Ion:113 Resp: 160593

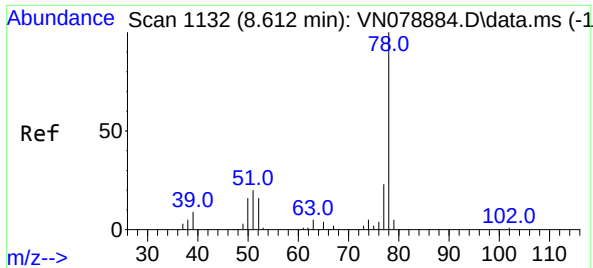
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 18.4 12.7 19.1

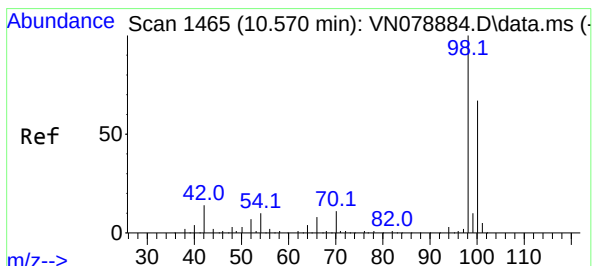
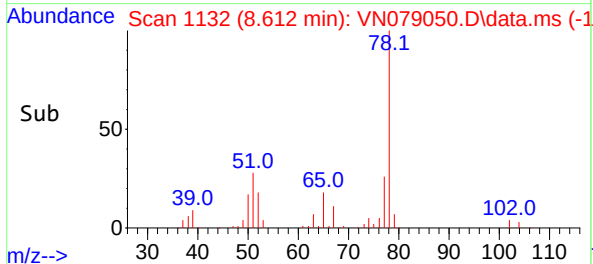
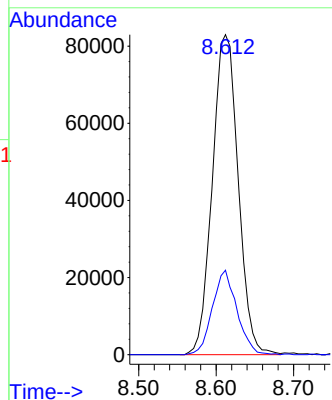
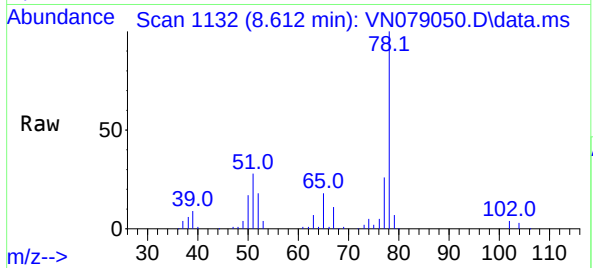




#40
Benzene
Concen: 13.781 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

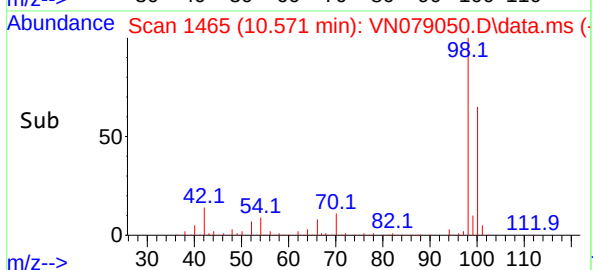
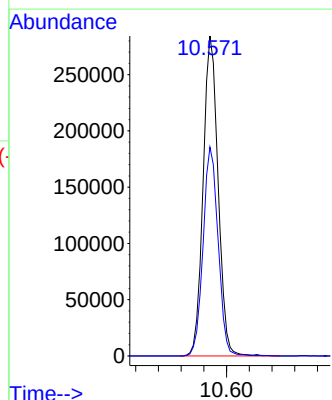
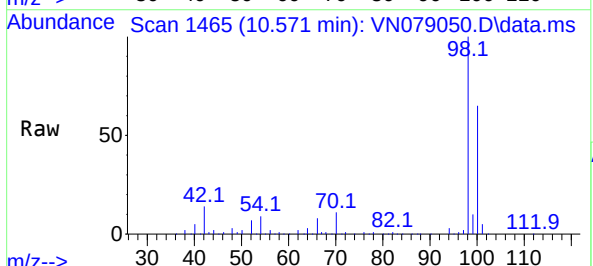
Instrument :
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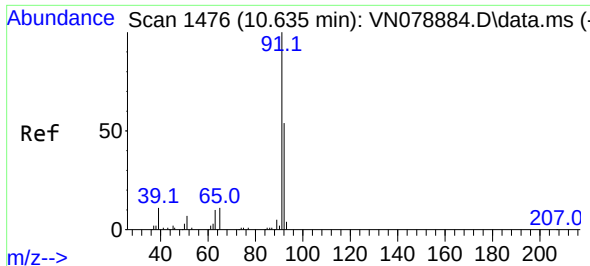
Tgt Ion: 78 Resp: 192882
Ion Ratio Lower Upper
78 100
77 26.4 19.0 28.6



#50
Toluene-d8
Concen: 44.438 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

Tgt Ion: 98 Resp: 519405
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

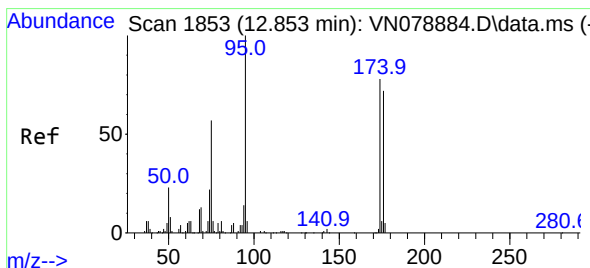
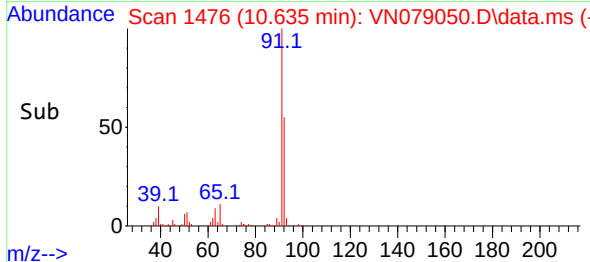
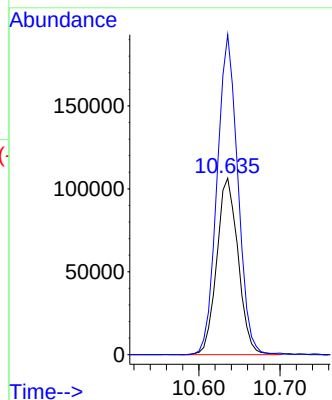
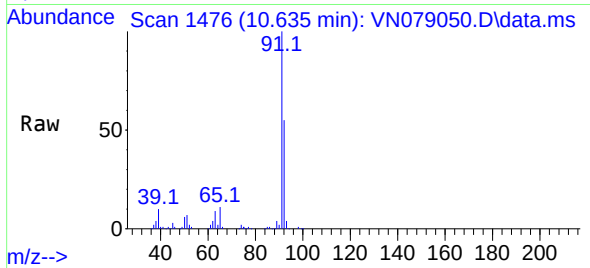




#52
Toluene
Concen: 22.643 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

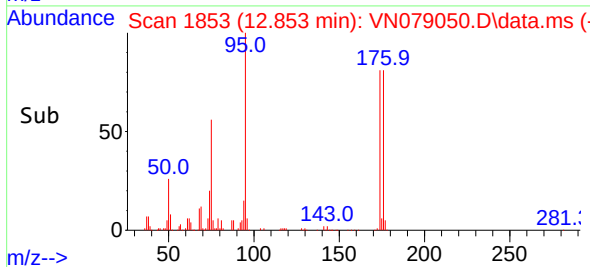
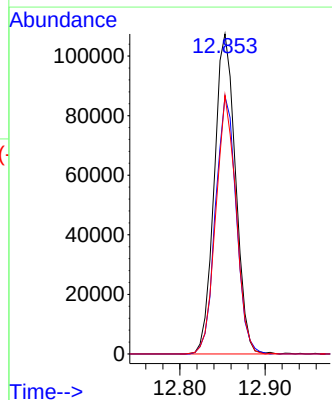
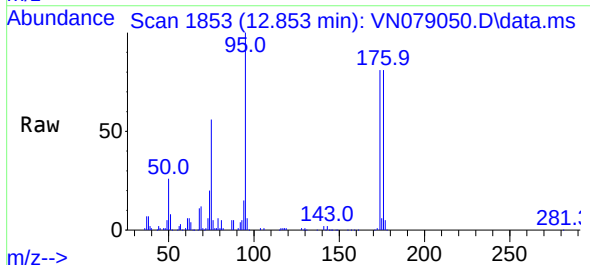
Instrument : MSVOA_N
ClientSampleId : NEVINS-SB05-Z83-84DL

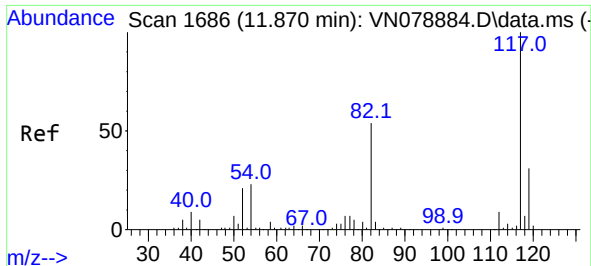
Tgt Ion: 92 Resp: 194573
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 48.754 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

Tgt Ion: 95 Resp: 186263
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 76.7 0.0 135.8

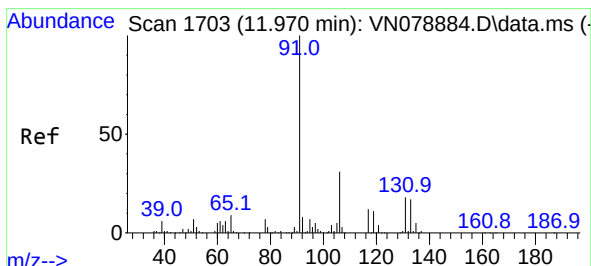
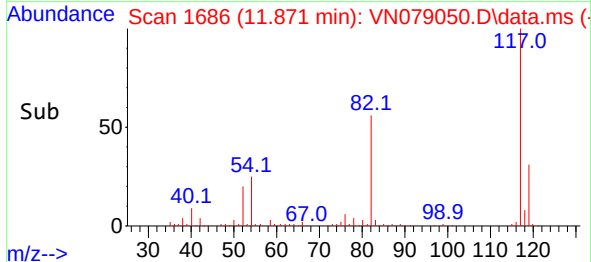
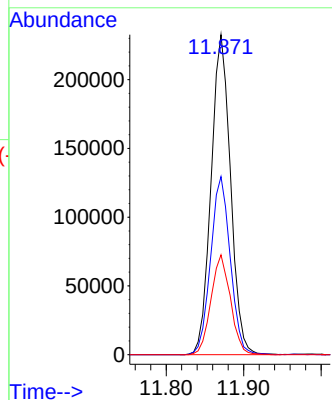
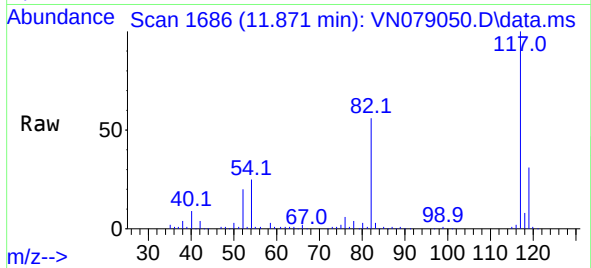




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

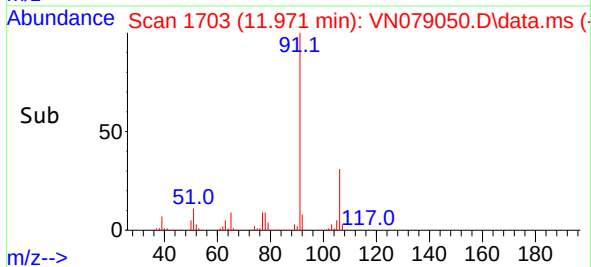
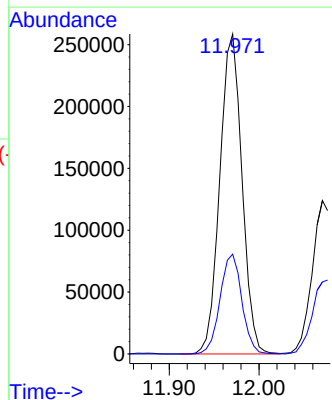
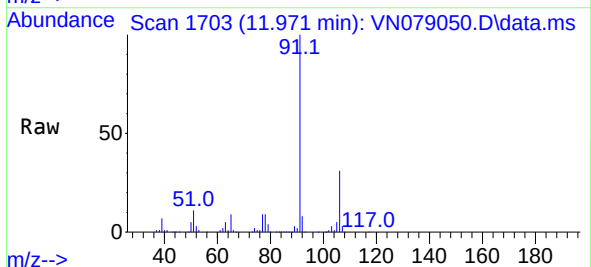
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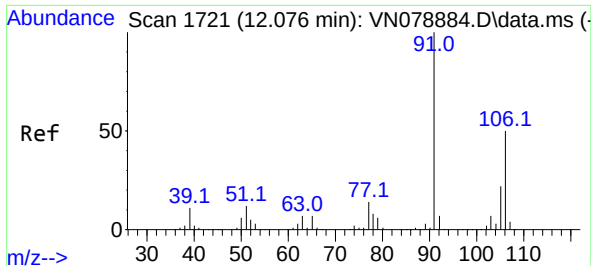
Tgt Ion:117 Resp: 404942
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.2 25.6 38.4



#67
Ethyl Benzene
Concen: 28.280 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

Tgt Ion: 91 Resp: 443292
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

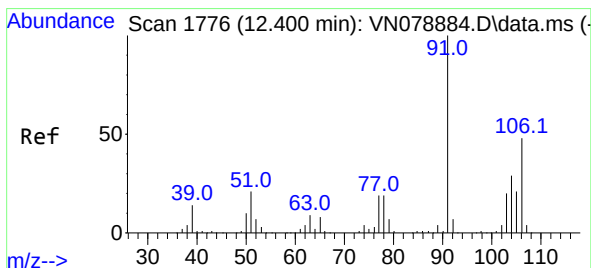
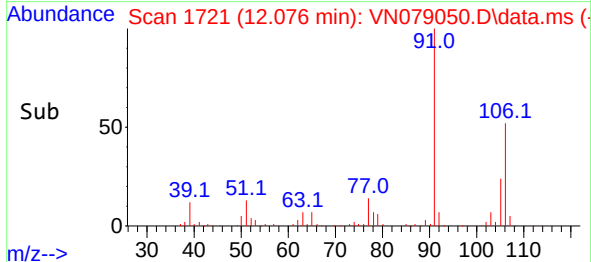
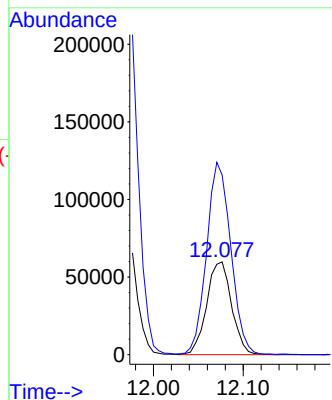
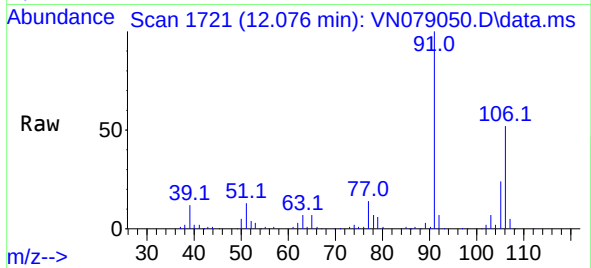




#68
m/p-Xylenes
Concen: 19.655 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

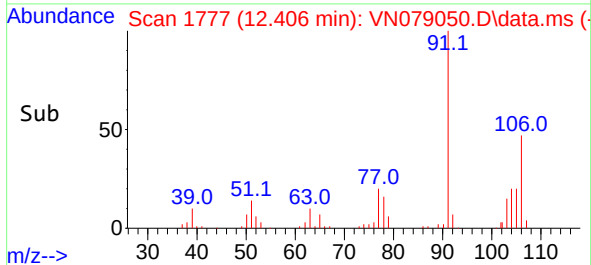
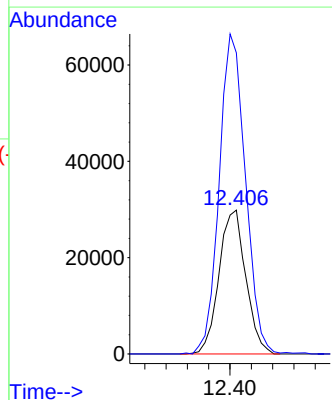
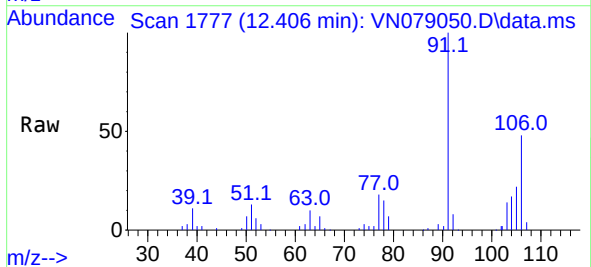
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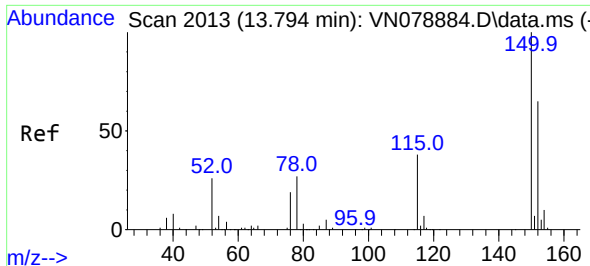
Tgt Ion:106 Resp: 115192
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4



#69
o-Xylene
Concen: 9.144 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079050.D
Acq: 25 Aug 2023 15:10

Tgt Ion:106 Resp: 52133
Ion Ratio Lower Upper
106 100
91 218.1 105.2 315.5

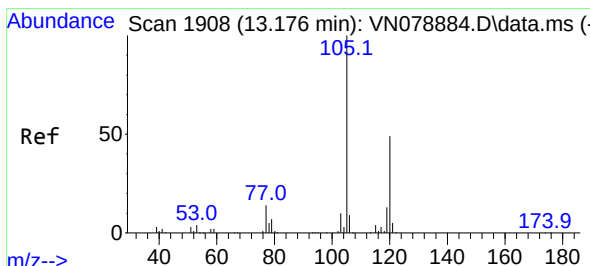
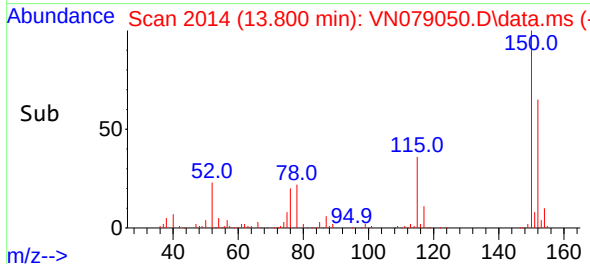
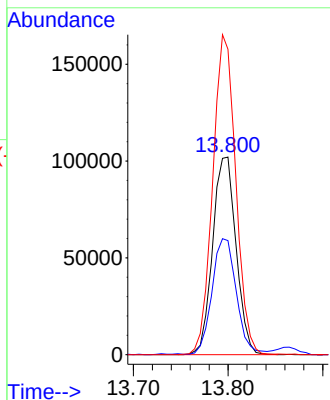
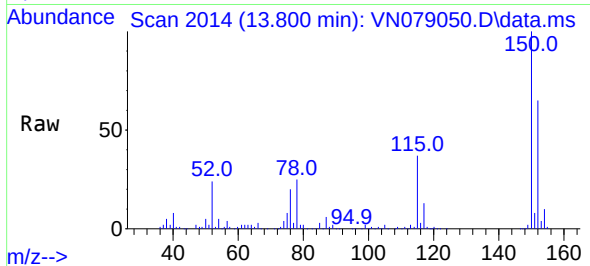




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN079050.D
 Acq: 25 Aug 2023 15:10

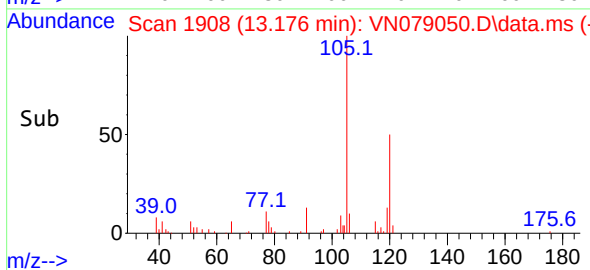
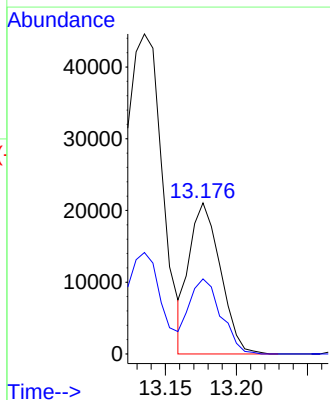
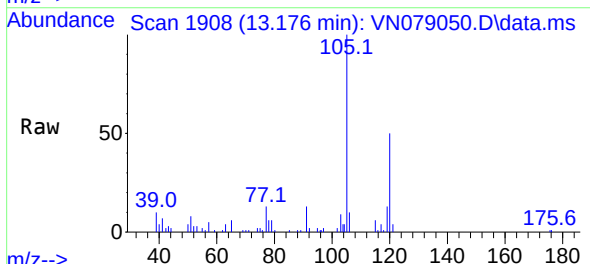
Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z83-84DL

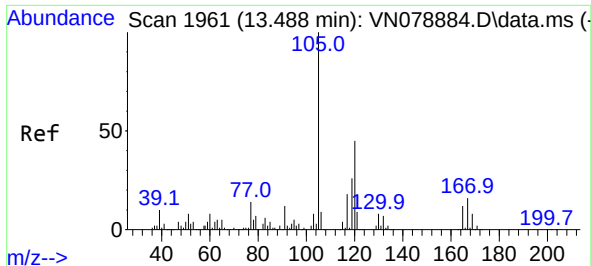
Tgt Ion:152 Resp: 175762
 Ion Ratio Lower Upper
 152 100
 115 60.8 32.3 96.8
 150 159.3 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.768 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079050.D
 Acq: 25 Aug 2023 15:10

Tgt Ion:105 Resp: 32151
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 9.931 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079050.D
 Acq: 25 Aug 2023 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z83-84DL

Tgt Ion:105 Resp: 114201
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.0 66.0

