

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079041.D
 Acq On : 24 Aug 2023 19:07
 Operator : JC\MD
 Sample : 04075-02DL 200X
 Misc : 7.22g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z23-24DL

Quant Time: Aug 25 02:58:11 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)

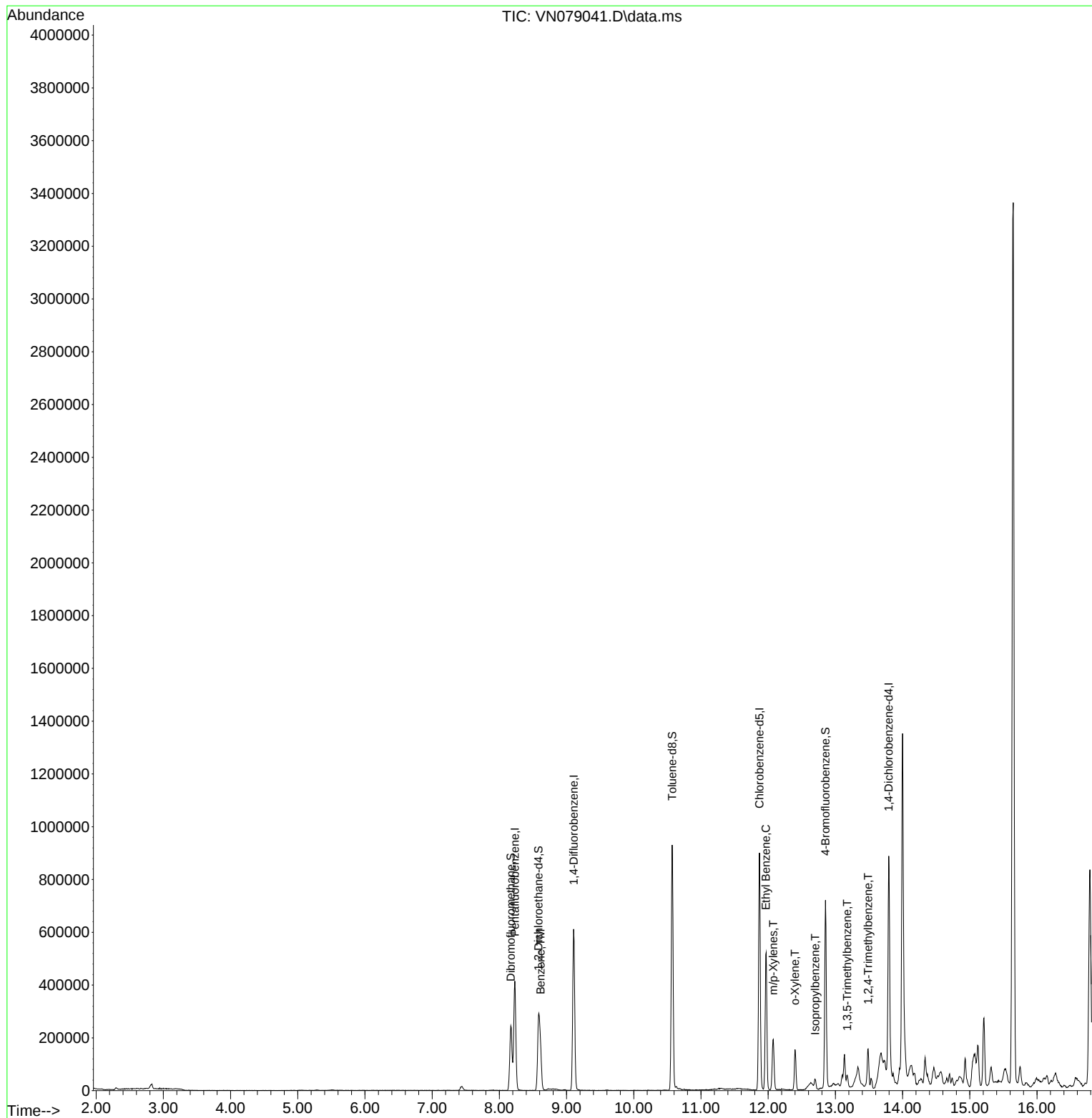
Internal Standards						
1) Pentafluorobenzene	8.229	168	300636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207343	44.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.640%
35) Dibromofluoromethane	8.171	113	174532	49.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.570	98	634581	47.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.853	95	228106	52.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.540%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	143285	9.048	ug/l	99
67) Ethyl Benzene	11.965	91	385393	19.988	ug/l	98
68) m/p-Xylenes	12.076	106	63335	8.786	ug/l	98
69) o-Xylene	12.400	106	40543	5.781	ug/l	94
73) Isopropylbenzene	12.700	105	22980	1.255	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	19340	1.333	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	80590	5.608	ug/l	95

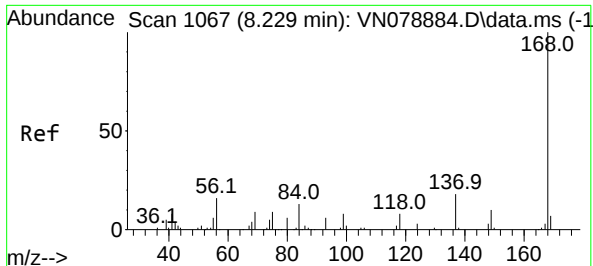
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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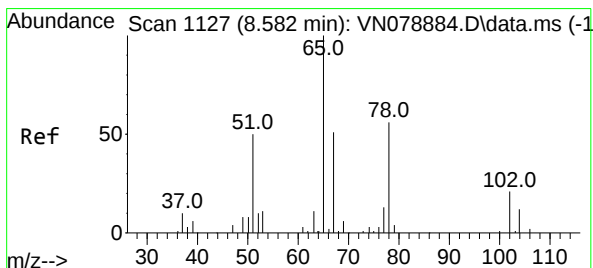
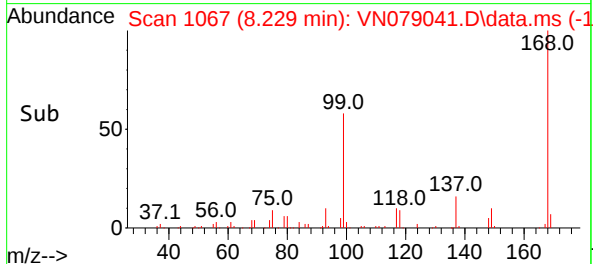
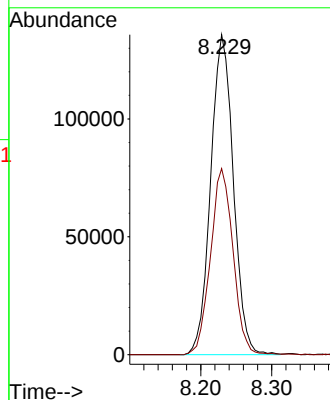
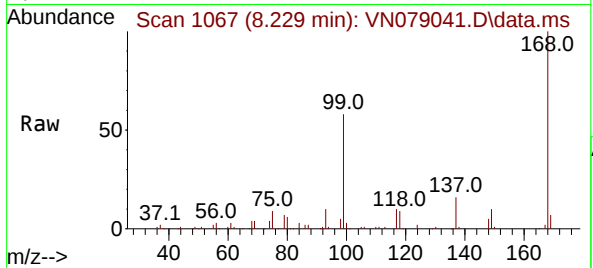




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

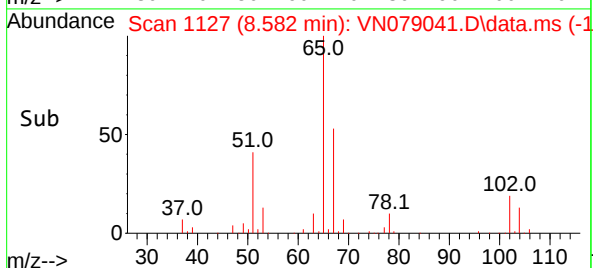
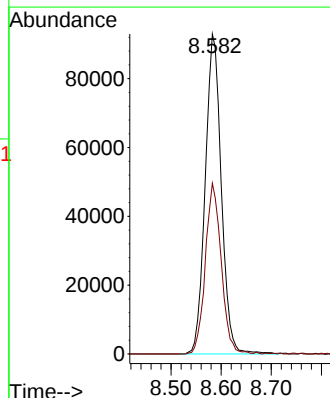
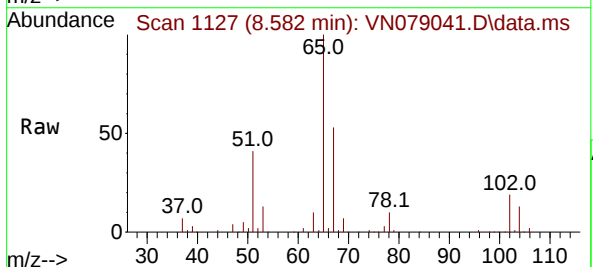
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z23-24DL

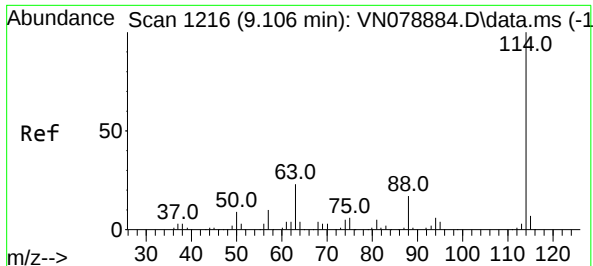
Tgt Ion:168 Resp: 300636
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.322 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 65 Resp: 207343
Ion Ratio Lower Upper
65 100
67 52.6 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: VN079041.D

Acq: 24 Aug 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z23-24DL

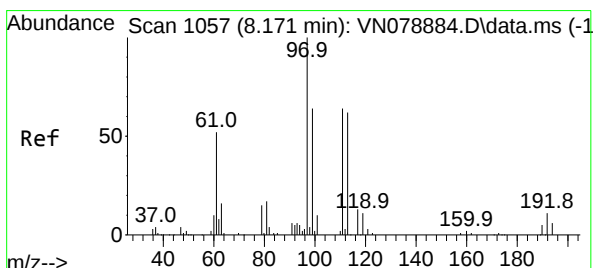
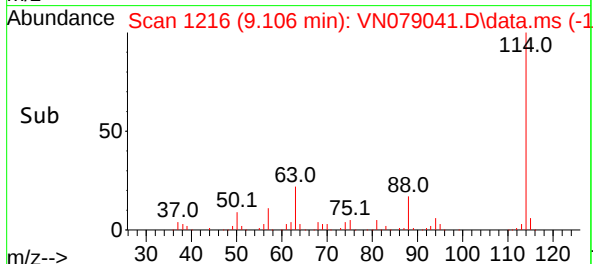
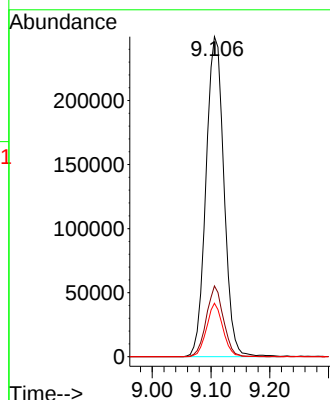
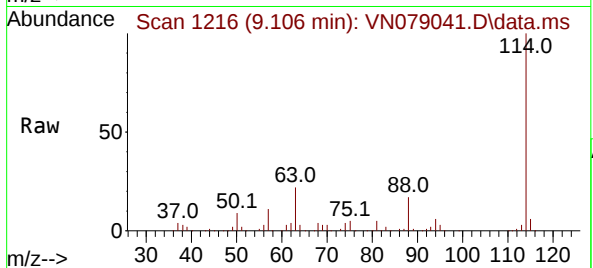
Tgt Ion:114 Resp: 529135

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.000 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079041.D

Acq: 24 Aug 2023 19:07

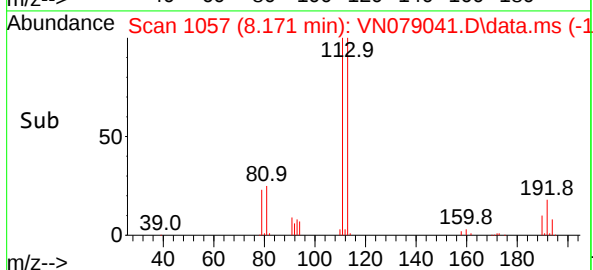
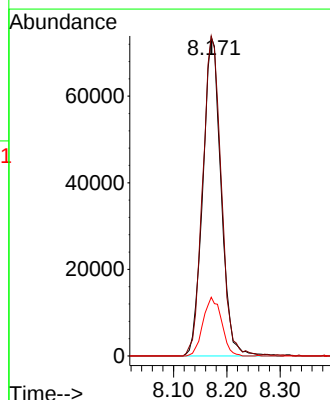
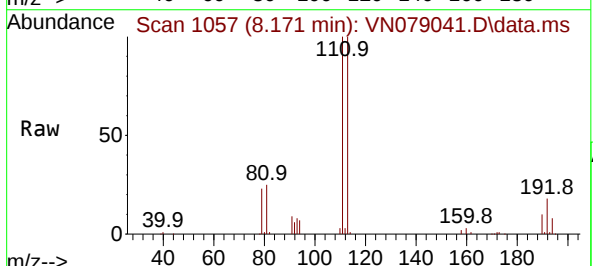
Tgt Ion:113 Resp: 174532

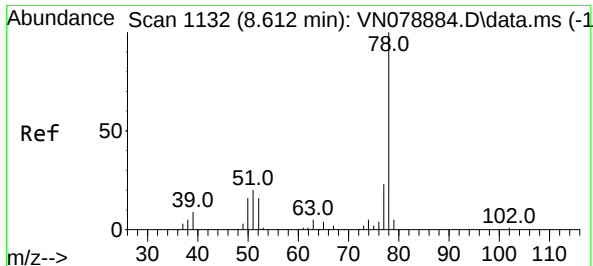
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.8 12.7 19.1

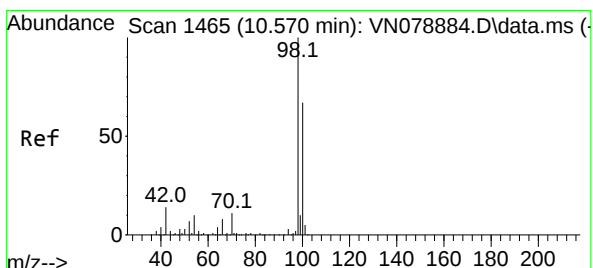
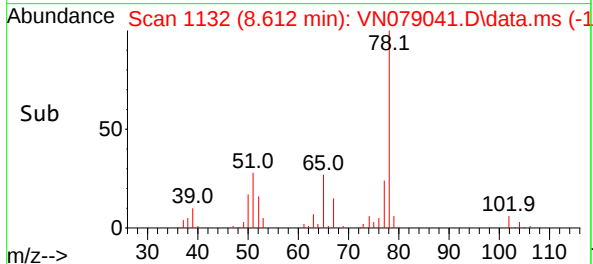
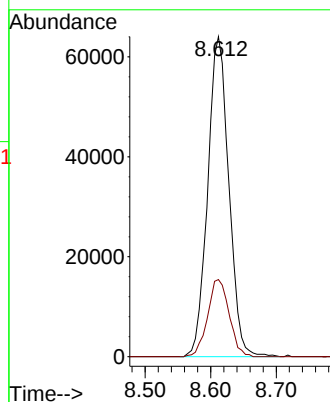
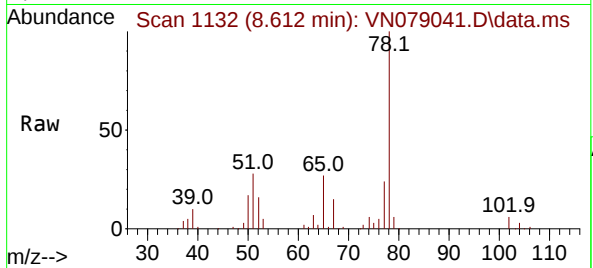




#40
Benzene
Concen: 9.048 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

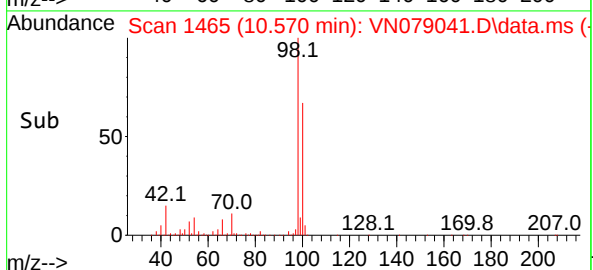
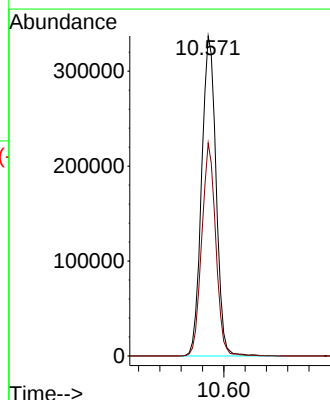
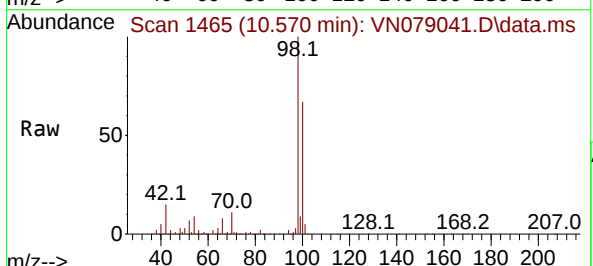
Instrument :
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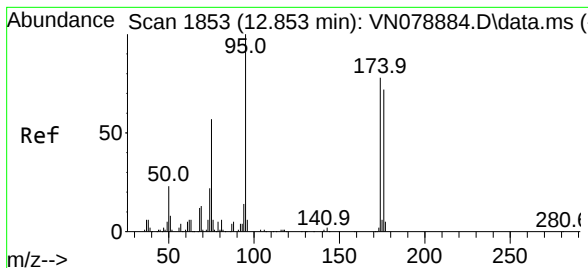
Tgt Ion: 78 Resp: 143285
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#50
Toluene-d8
Concen: 47.982 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 98 Resp: 634581
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

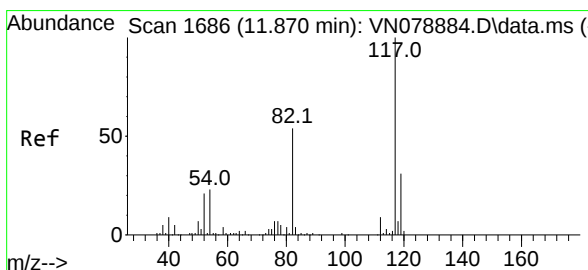
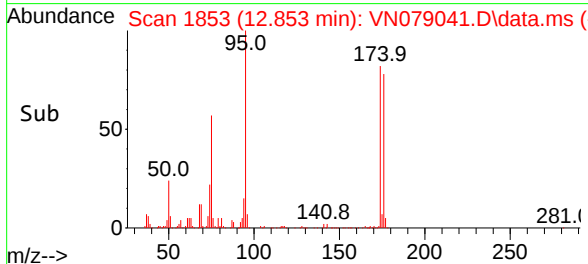
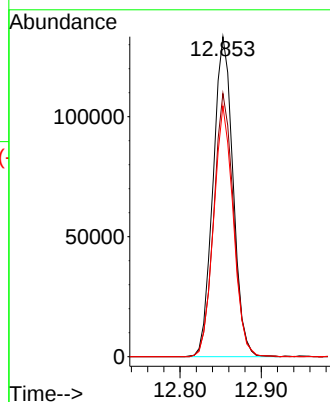
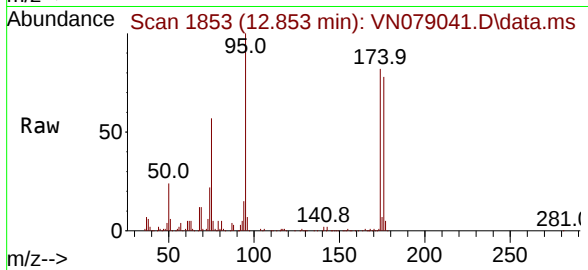




#62
4-Bromofluorobenzene
Concen: 52.767 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

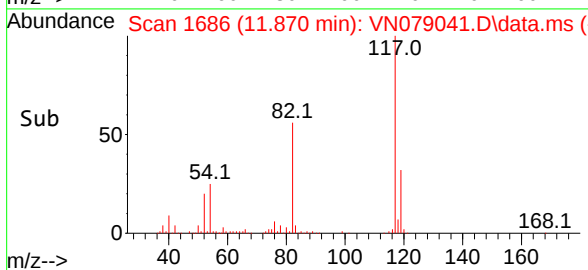
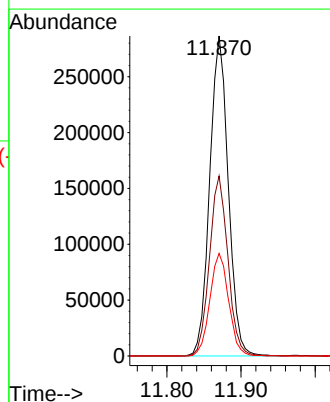
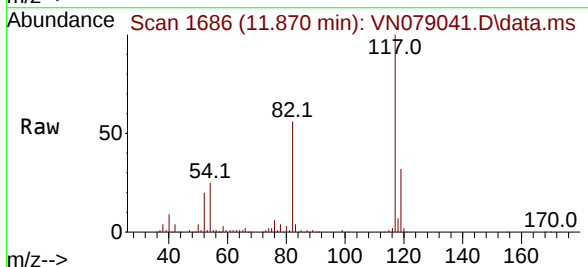
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z23-24DL

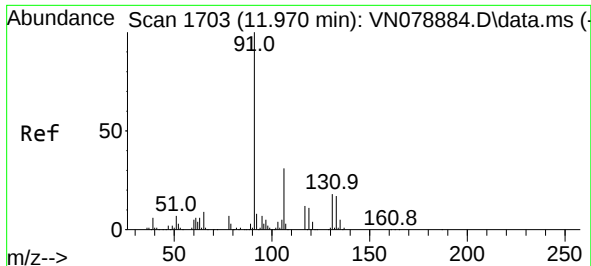
Tgt Ion: 95 Resp: 228106
Ion Ratio Lower Upper
95 100
174 81.1 0.0 143.8
176 77.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 117 Resp: 498107
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.1 25.6 38.4





#67

Ethyl Benzene

Concen: 19.988 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079041.D

Acq: 24 Aug 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

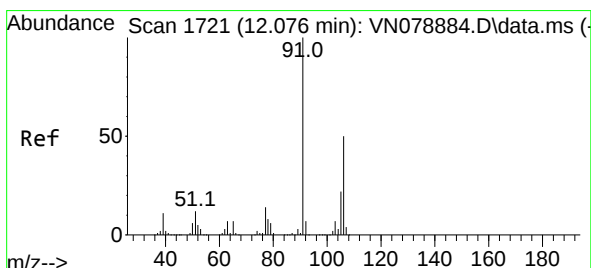
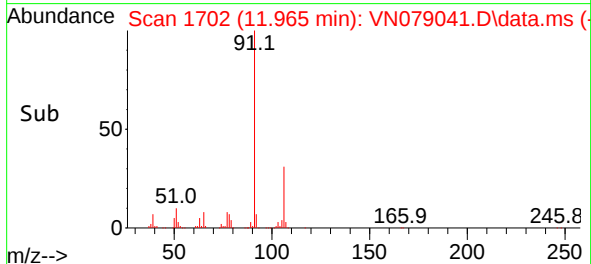
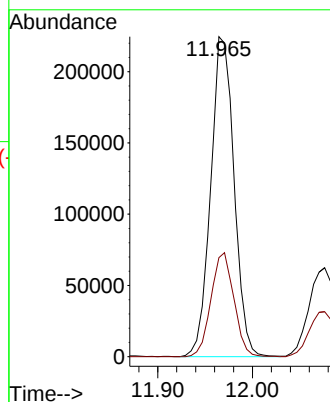
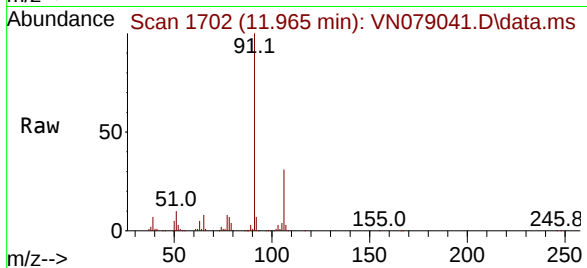
NEVINS-SB04-Z23-24DL

Tgt Ion: 91 Resp: 385393

Ion Ratio Lower Upper

91 100

106 31.0 25.6 38.4



#68

m/p-Xylenes

Concen: 8.786 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079041.D

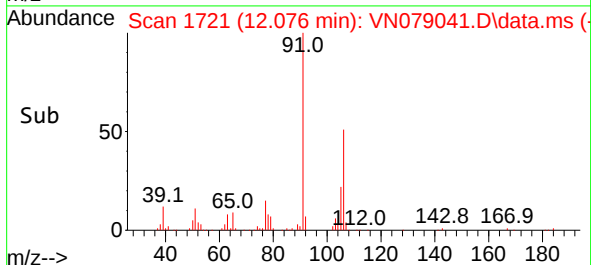
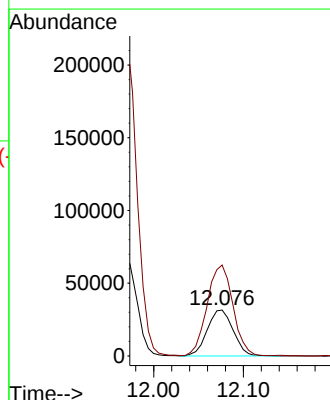
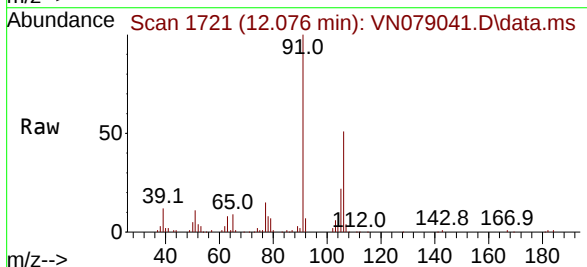
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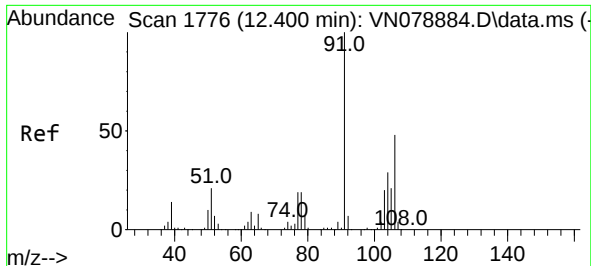
Tgt Ion:106 Resp: 63335

Ion Ratio Lower Upper

106 100

91 195.8 159.6 239.4

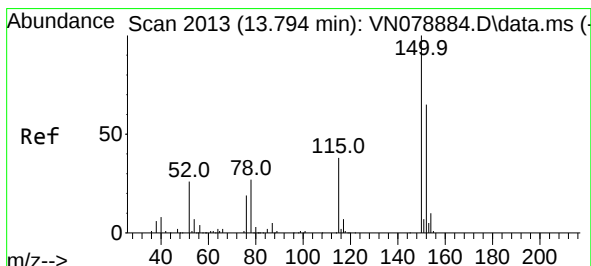
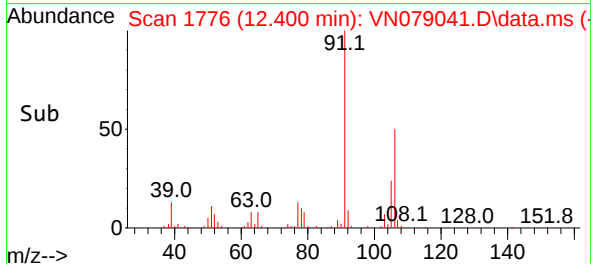
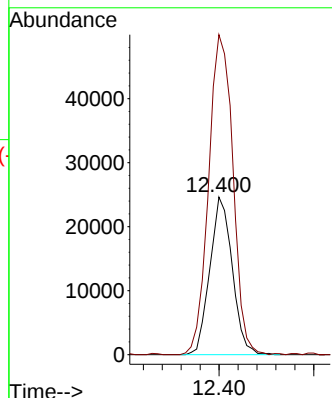
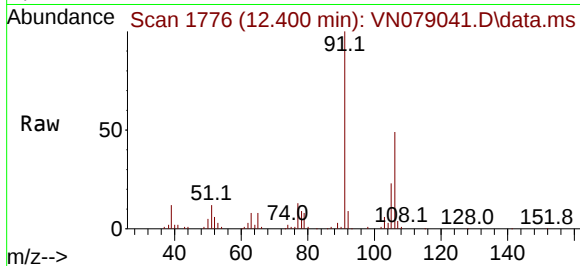




#69
o-Xylene
Concen: 5.781 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

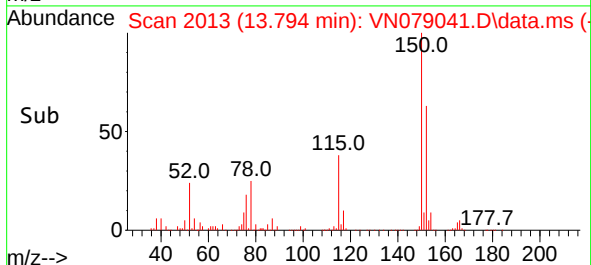
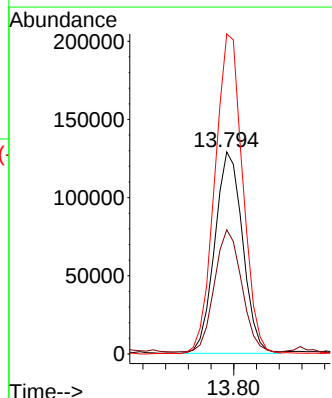
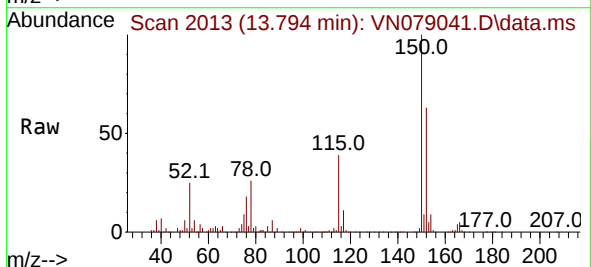
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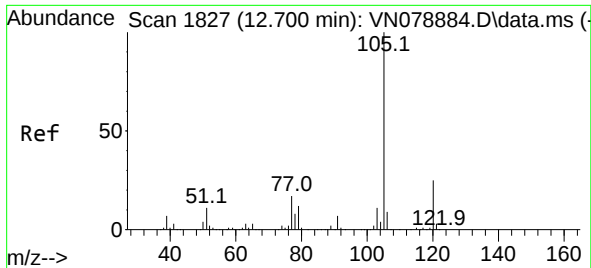
Tgt Ion:106 Resp: 40543
Ion Ratio Lower Upper
106 100
91 220.3 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

Tgt Ion:152 Resp: 219645
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 159.7 0.0 355.8

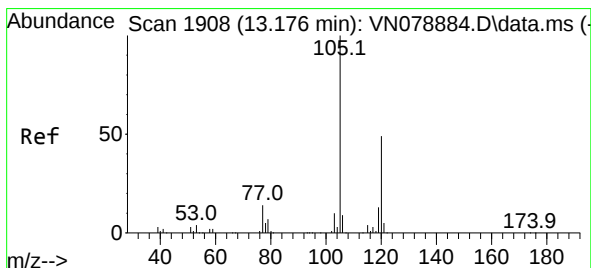
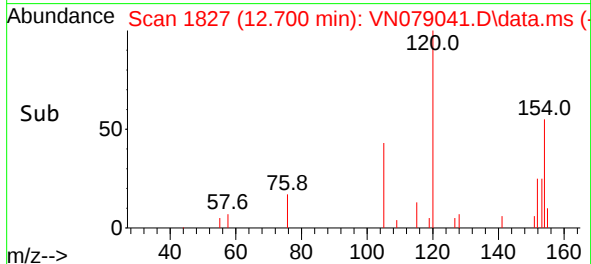
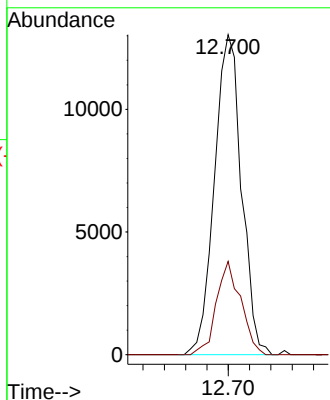
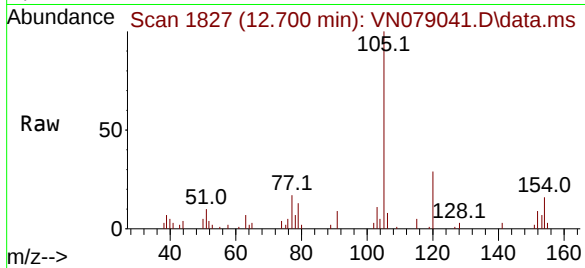




#73
Isopropylbenzene
Concen: 1.255 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

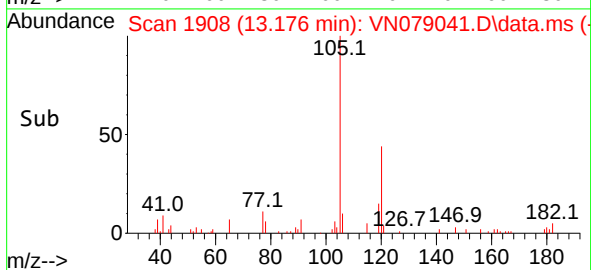
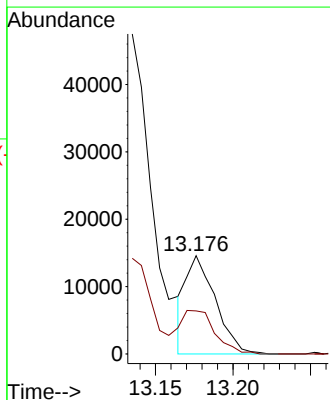
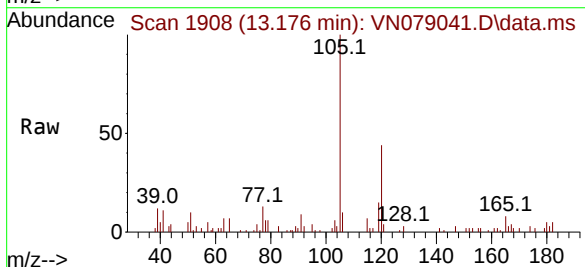
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z23-24DL

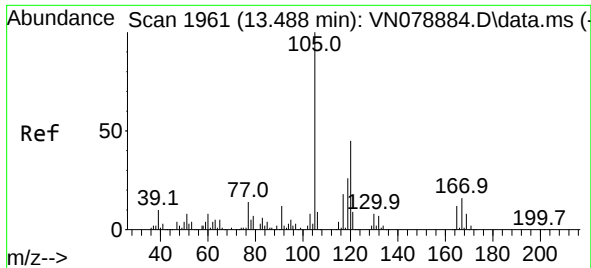
Tgt Ion:105 Resp: 22980
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#80
1,3,5-Trimethylbenzene
Concen: 1.333 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079041.D
Acq: 24 Aug 2023 19:07

Tgt Ion:105 Resp: 19340
Ion Ratio Lower Upper
105 100
120 53.4 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 5.608 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079041.D
 Acq: 24 Aug 2023 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z23-24DL

Tgt Ion:105 Resp: 80590
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.0 66.0

