

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079029.D
 Acq On : 24 Aug 2023 14:17
 Operator : JC\MD
 Sample : 04093-04
 Misc : 7.52g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z94-95

Quant Time: Aug 25 01:13:46 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)

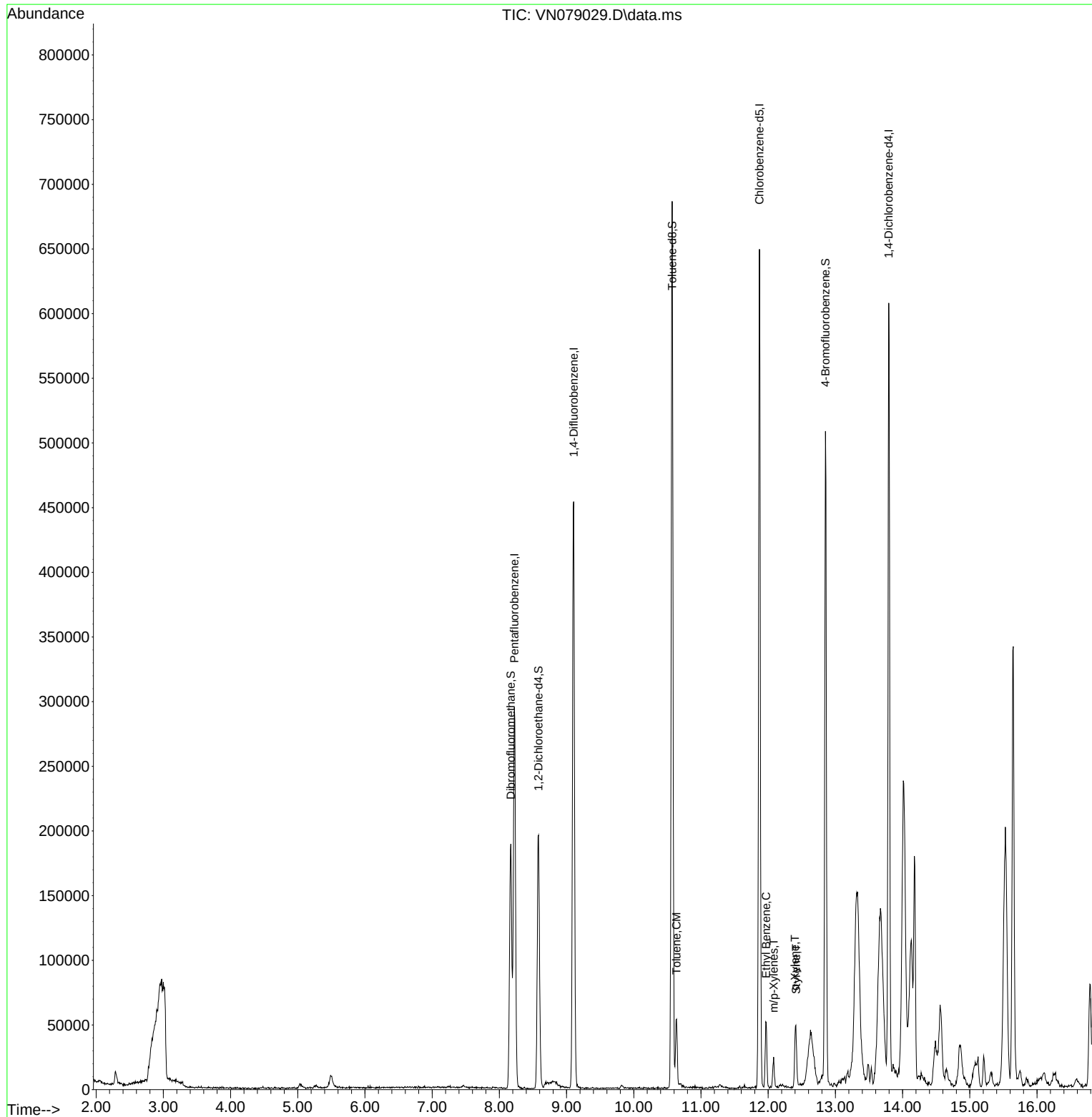
Internal Standards						
1) Pentafluorobenzene	8.224	168	214987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	356758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158056	47.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.500%
35) Dibromofluoromethane	8.171	113	129182	48.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.571	98	463138	46.922	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.853	95	164219	50.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.800%
Target Compounds						
					Qvalue	
52) Toluene	10.635	92	21949	3.025	ug/l	98
67) Ethyl Benzene	11.970	91	35268	2.554	ug/l	90
68) m/p-Xylenes	12.082	106	6252	1.211	ug/l	97
69) o-Xylene	12.400	106	9512	1.894	ug/l	91
70) Styrene	12.418	104	13318	1.590	ug/l	97

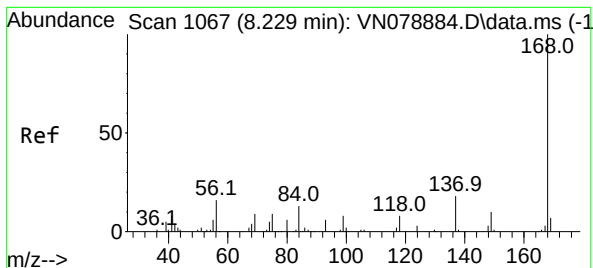
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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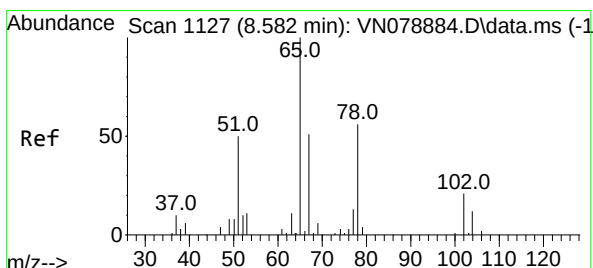
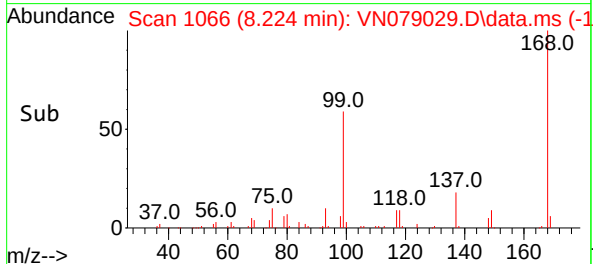
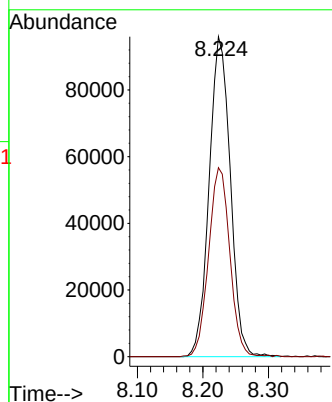
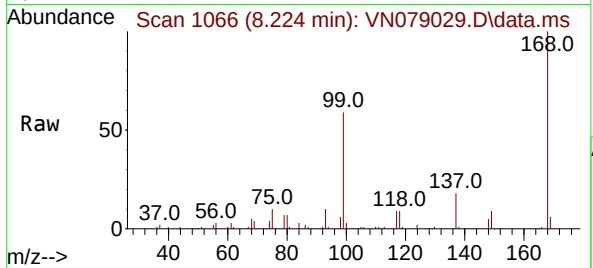




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

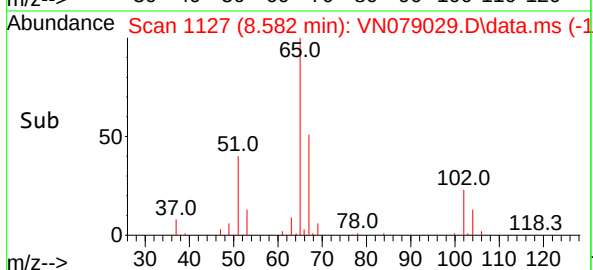
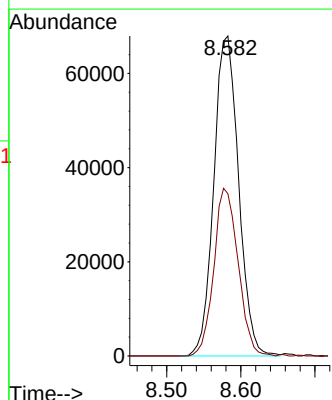
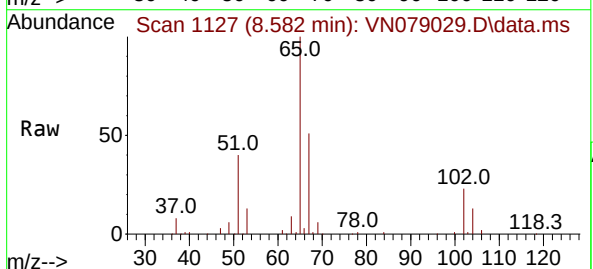
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z94-95

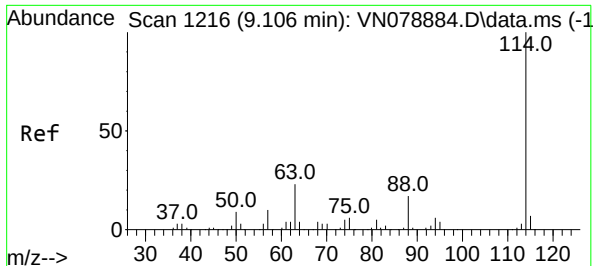
Tgt Ion:168 Resp: 214987
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.246 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

Tgt Ion: 65 Resp: 158056
Ion Ratio Lower Upper
65 100
67 51.2 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: VN079029.D

Acq: 24 Aug 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z94-95

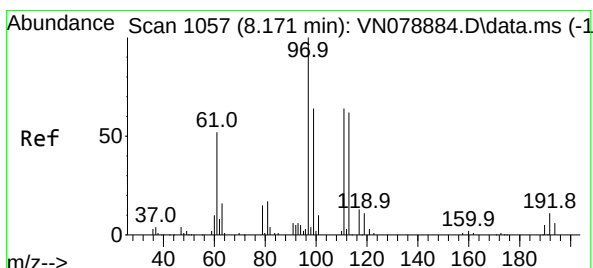
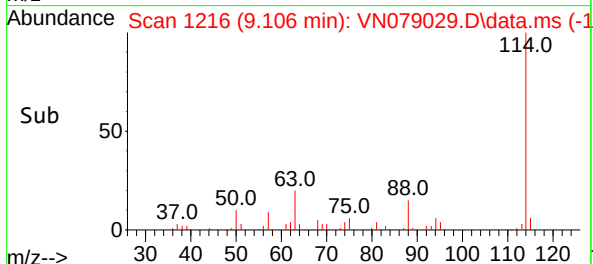
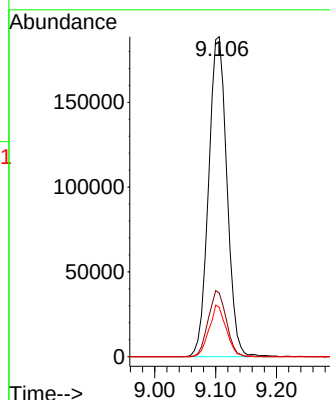
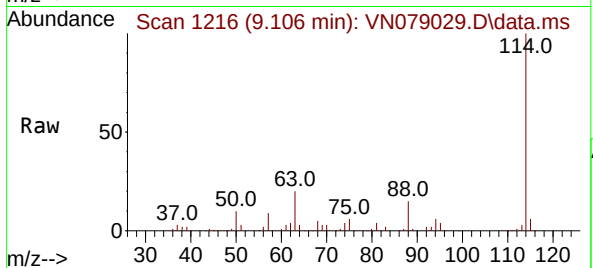
Tgt Ion:114 Resp: 394898

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.597 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079029.D

Acq: 24 Aug 2023 14:17

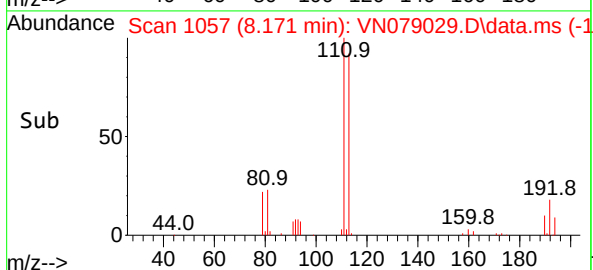
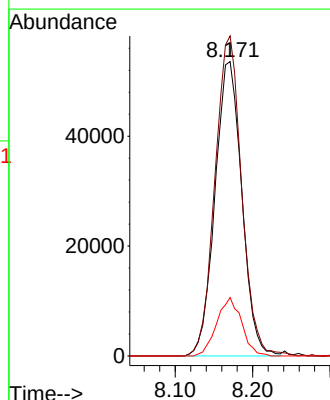
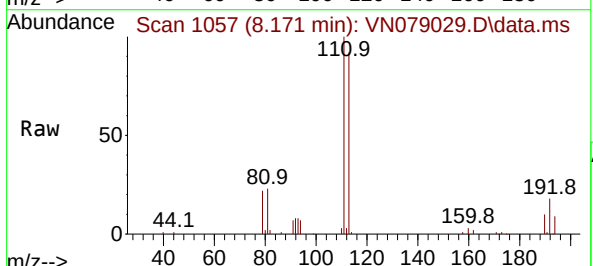
Tgt Ion:113 Resp: 129182

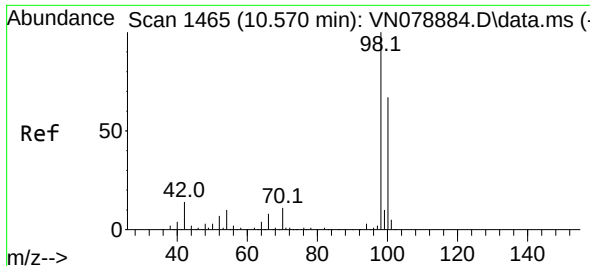
Ion Ratio Lower Upper

113 100

111 107.8 82.6 123.8

192 18.4 12.7 19.1

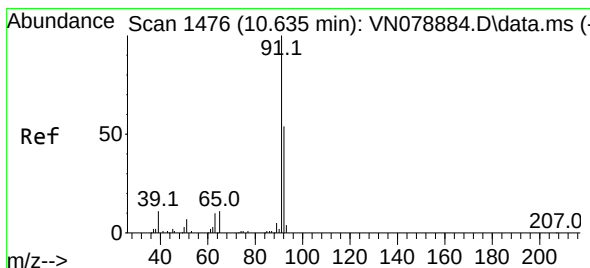
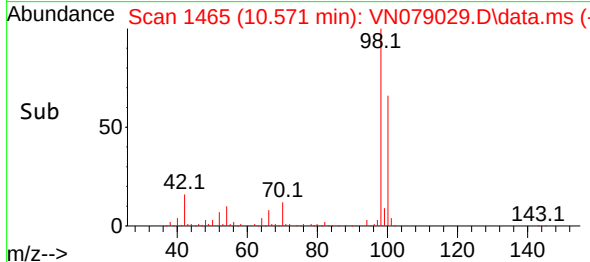
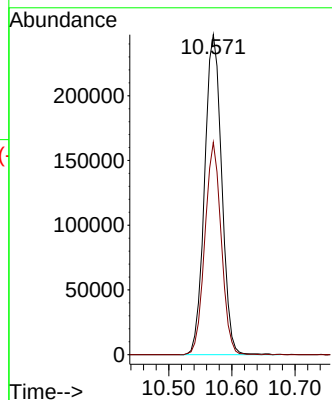
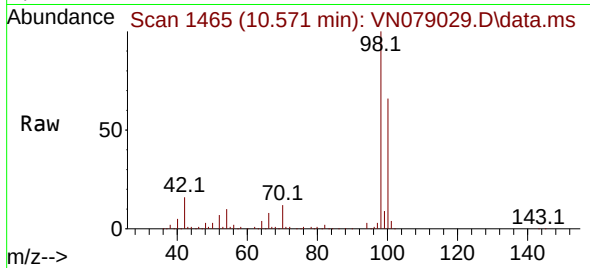




#50
Toluene-d8
Concen: 46.922 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

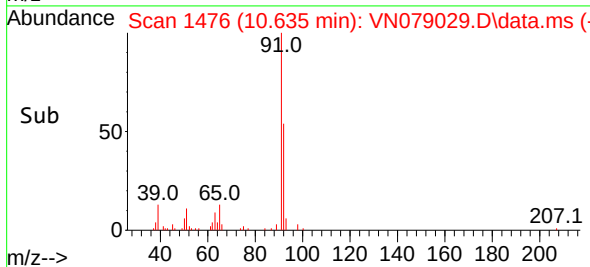
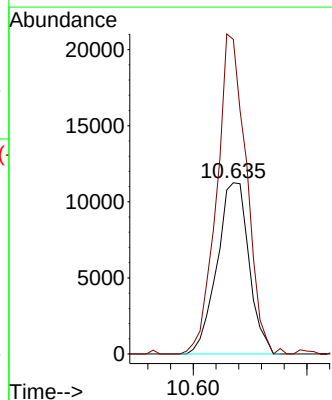
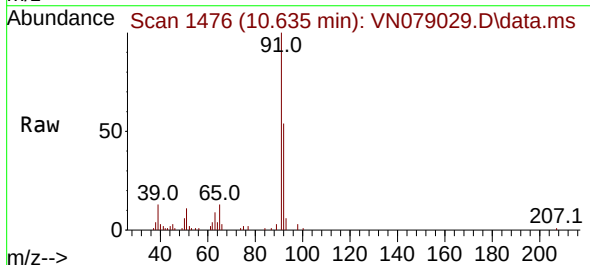
Instrument :
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NEVINS-SB04-Z94-95

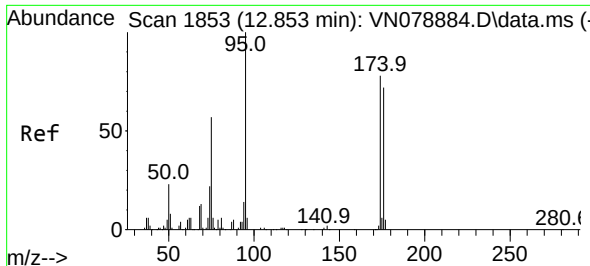
Tgt Ion: 98 Resp: 463138
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#52
Toluene
Concen: 3.025 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

Tgt Ion: 92 Resp: 21949
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0

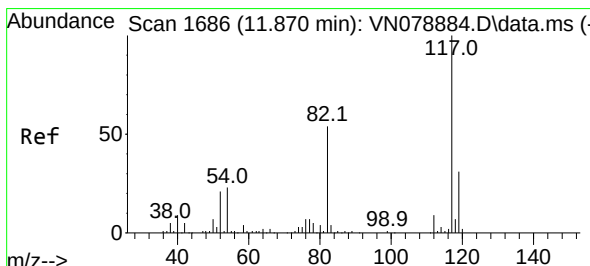
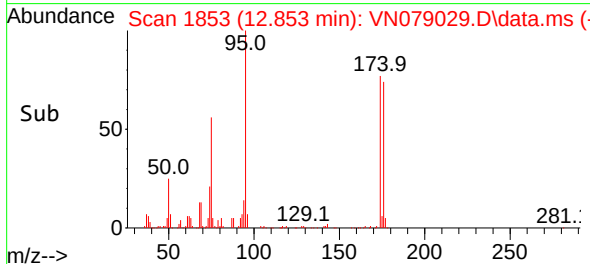
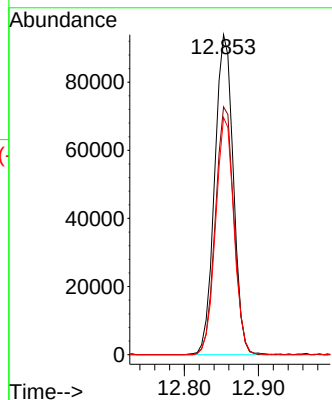
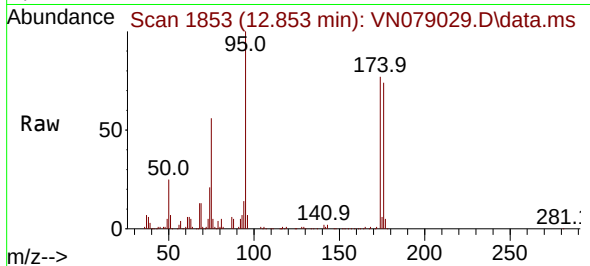




#62
4-Bromofluorobenzene
Concen: 50.902 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

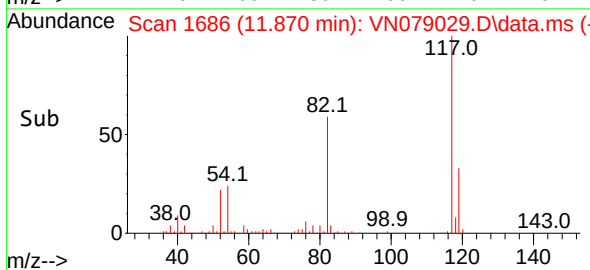
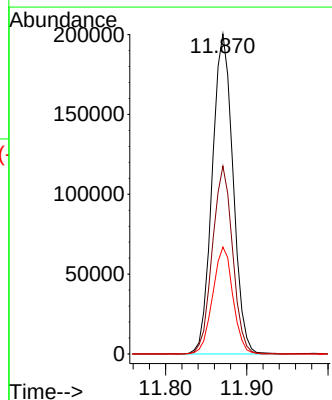
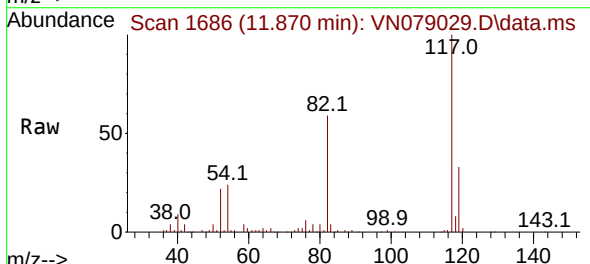
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z94-95

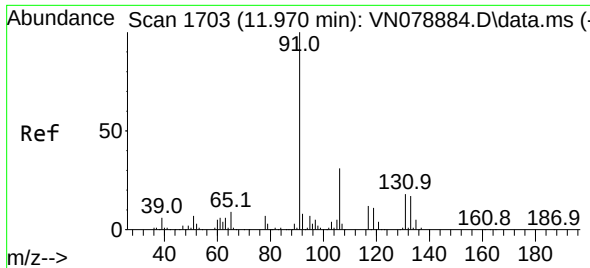
Tgt Ion: 95 Resp: 164219
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 73.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

Tgt Ion: 117 Resp: 356758
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 33.4 25.6 38.4

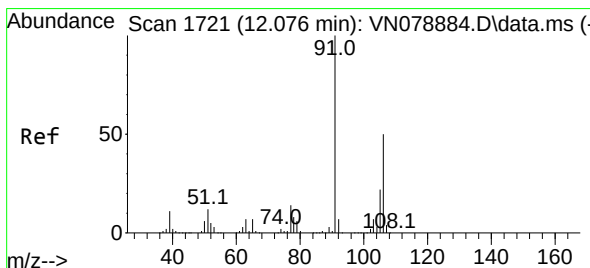
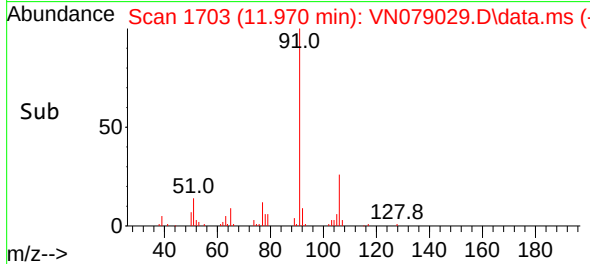
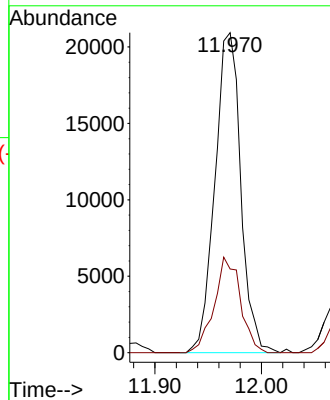
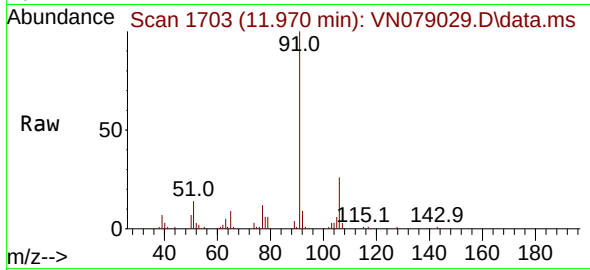




#67
Ethyl Benzene
Concen: 2.554 ug/l
RT: 11.970 min Scan# 1197
Delta R.T. -0.001 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

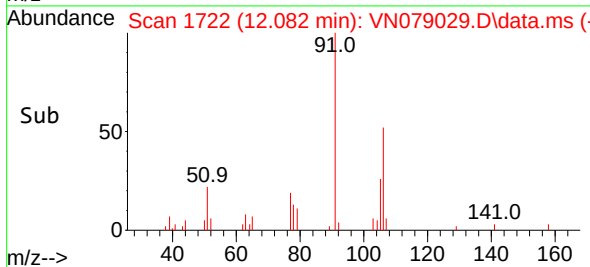
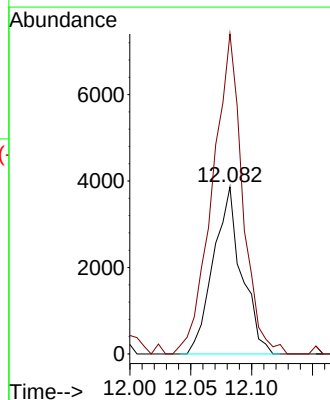
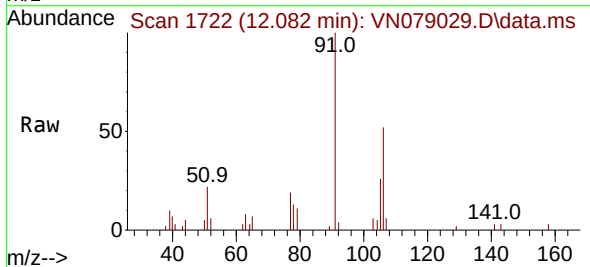
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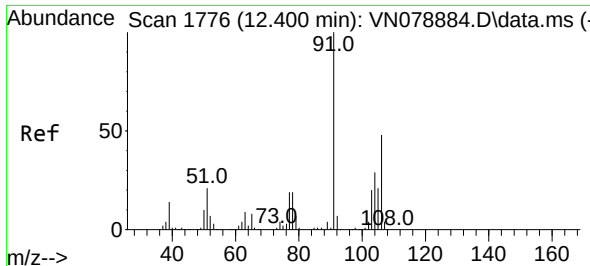
Tgt Ion: 91 Resp: 35268
Ion Ratio Lower Upper
91 100
106 26.2 25.6 38.4



#68
m/p-Xylenes
Concen: 1.211 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

Tgt Ion: 106 Resp: 6252
Ion Ratio Lower Upper
106 100
91 204.0 159.6 239.4

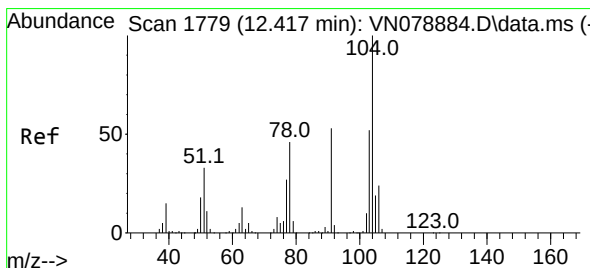
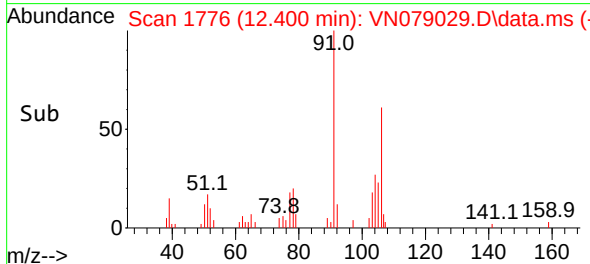
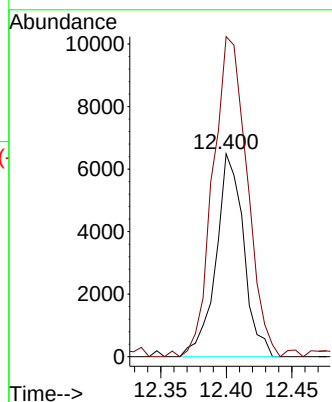
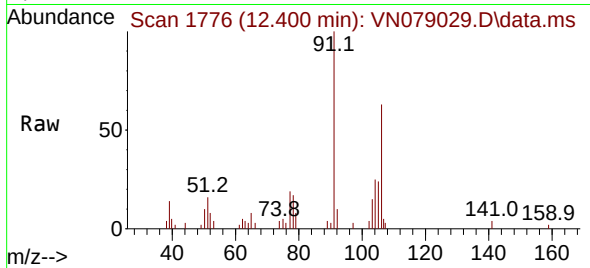




#69
o-Xylene
Concen: 1.894 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

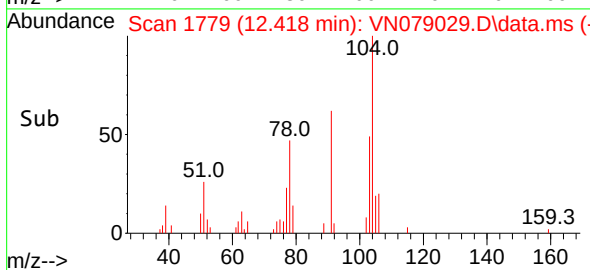
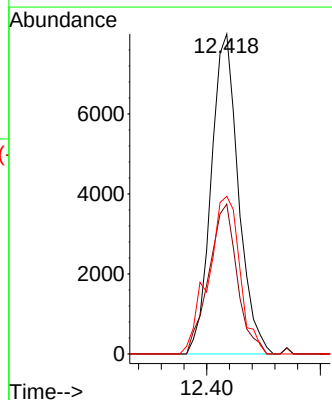
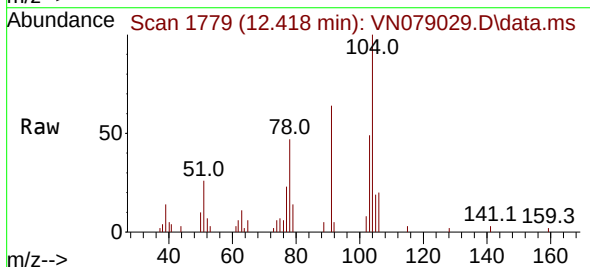
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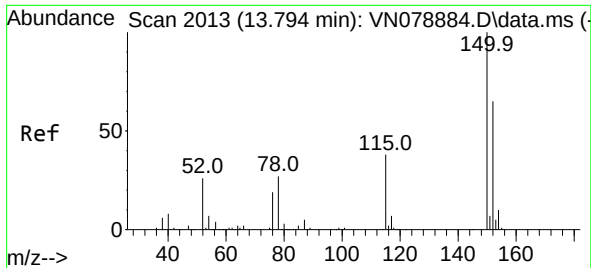
Tgt Ion:106 Resp: 9512
Ion Ratio Lower Upper
106 100
91 195.6 105.2 315.5



#70
Styrene
Concen: 1.590 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079029.D
Acq: 24 Aug 2023 14:17

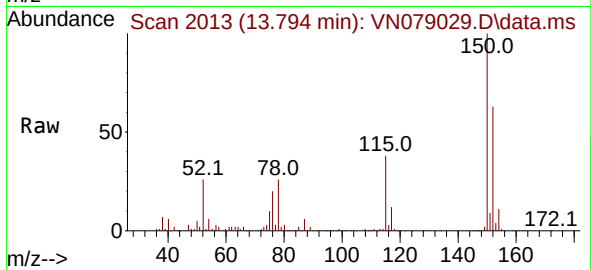
Tgt Ion:104 Resp: 13318
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 57.2 43.2 64.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079029.D
 Acq: 24 Aug 2023 14:17

Instrument :
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Tgt Ion:152 Resp: 153832
 Ion Ratio Lower Upper
 152 100
 115 59.9 32.3 96.8
 150 159.8 0.0 355.8

