

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079032.D
 Acq On : 24 Aug 2023 15:29
 Operator : JC\MD
 Sample : 04075-01 20X
 Misc : 6.52g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z113-114

Quant Time: Aug 25 02:54:04 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)

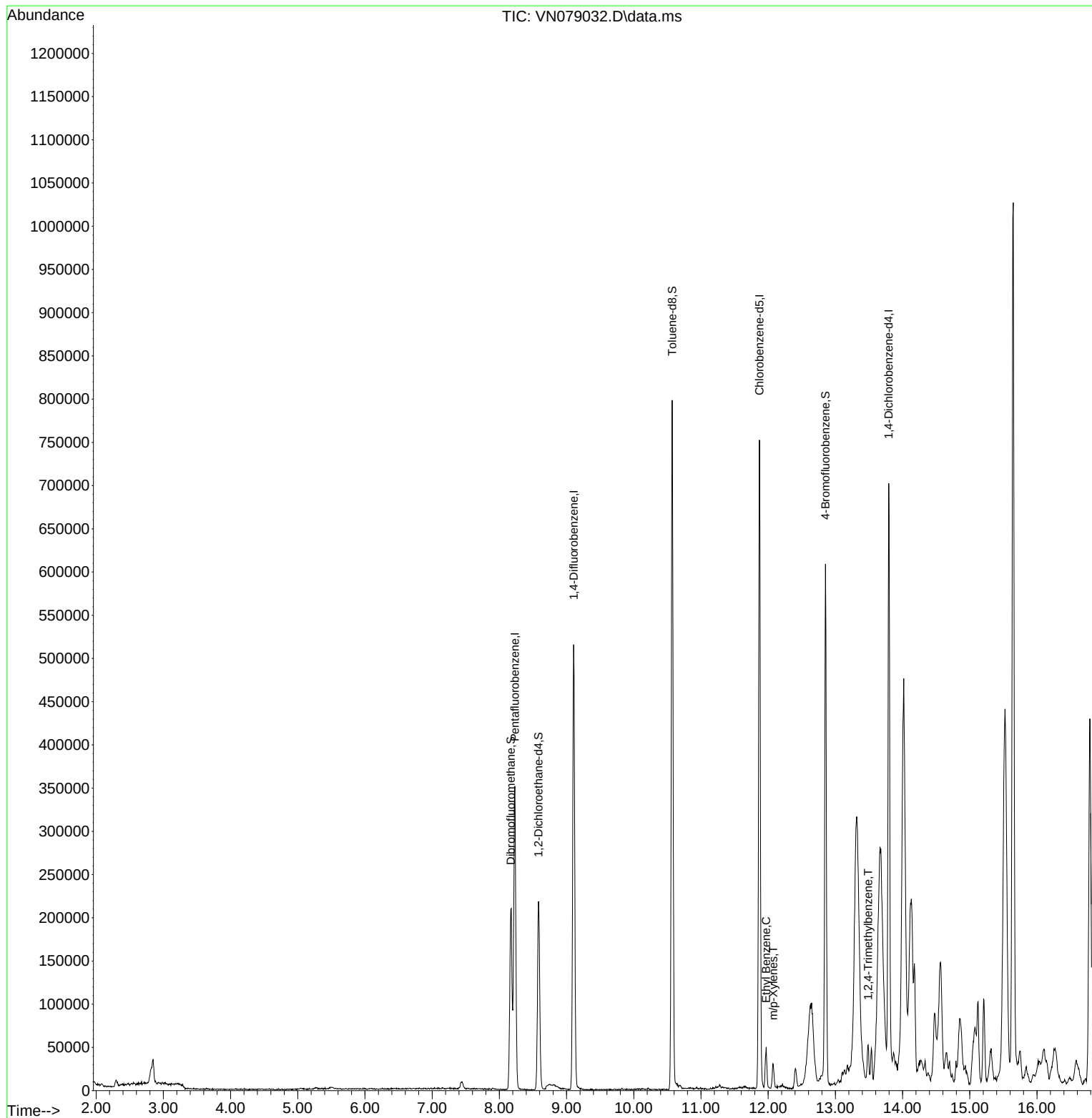
Internal Standards						
1) Pentafluorobenzene	8.229	168	249619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	449475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	418253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	175499	45.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.360%
35) Dibromofluoromethane	8.171	113	148841	49.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.570	98	531256	47.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.853	95	192661	52.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.970	91	32452	2.004	ug/l	90
68) m/p-Xylenes	12.076	106	7812	1.291	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	24233	2.117	ug/l	98

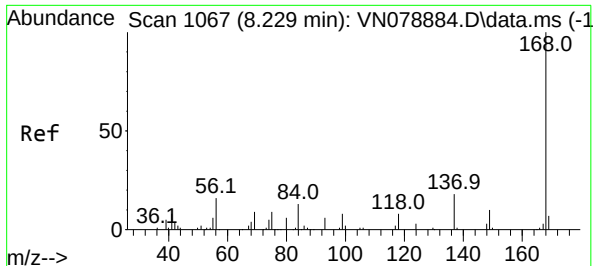
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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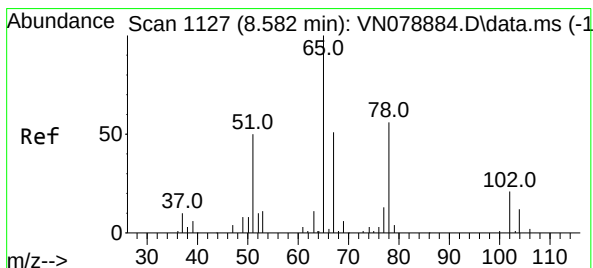
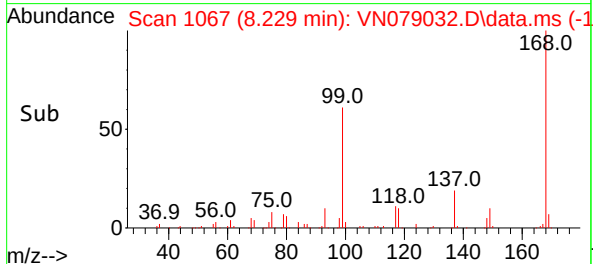
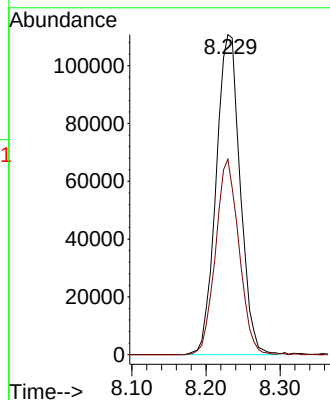
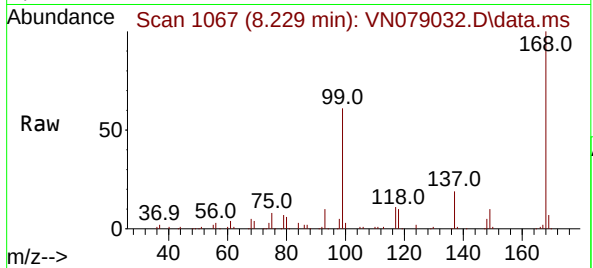




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

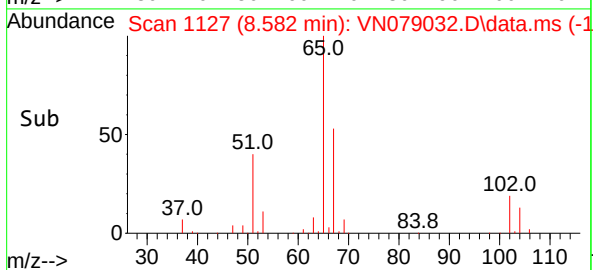
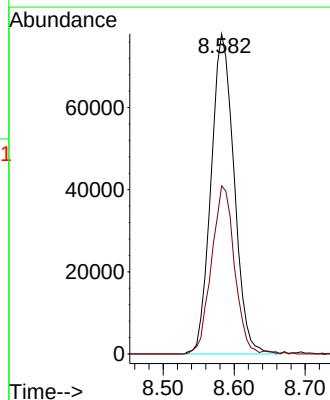
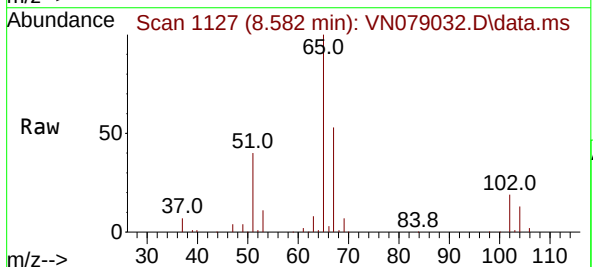
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z113-114

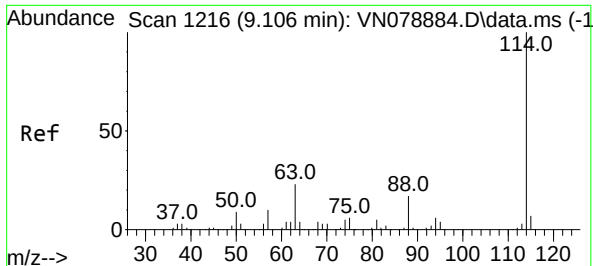
Tgt Ion:168 Resp: 249619
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.182 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

Tgt Ion: 65 Resp: 175499
Ion Ratio Lower Upper
65 100
67 52.7 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: VN079032.D

Acq: 24 Aug 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z113-114

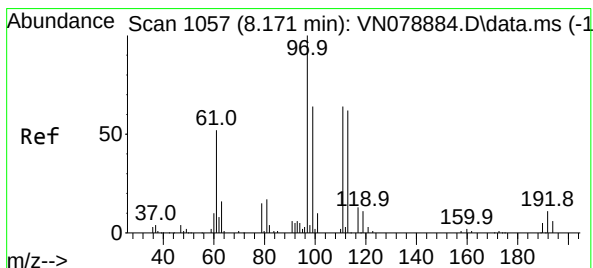
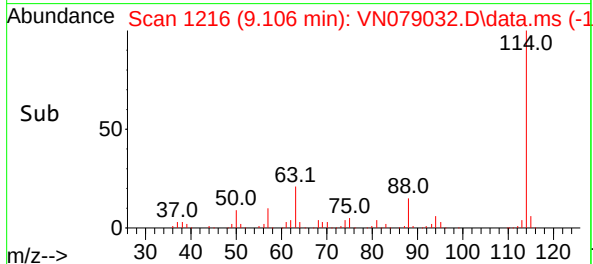
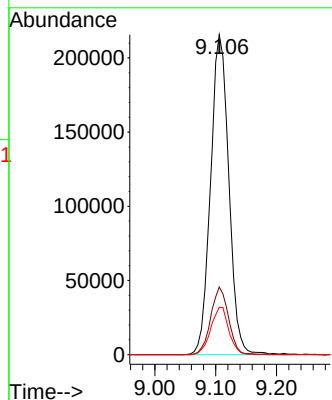
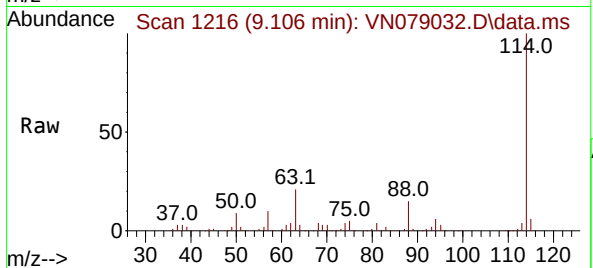
Tgt Ion:114 Resp: 449475

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.193 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079032.D

Acq: 24 Aug 2023 15:29

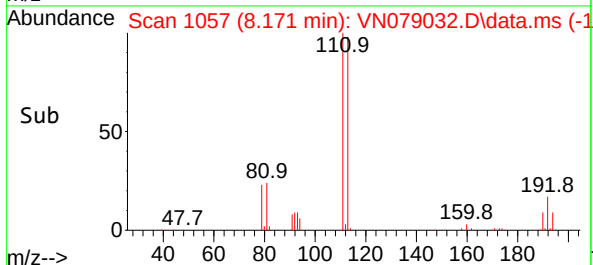
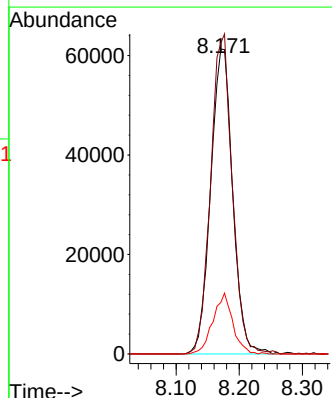
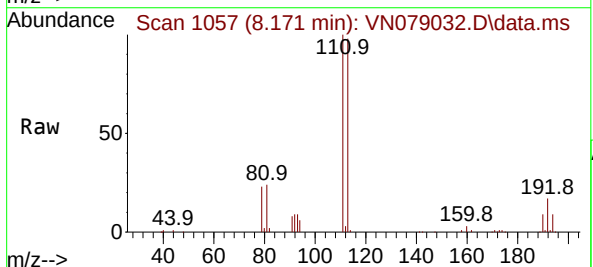
Tgt Ion:113 Resp: 148841

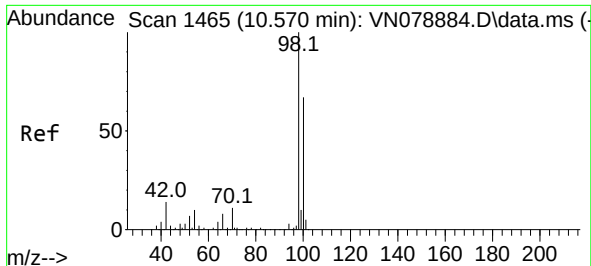
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.9 12.7 19.1

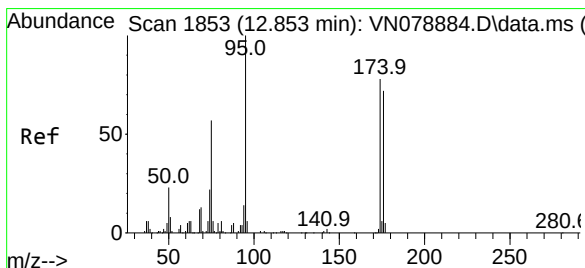
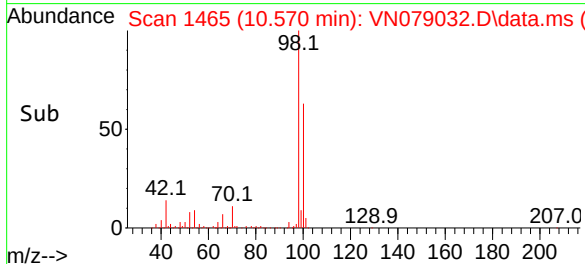
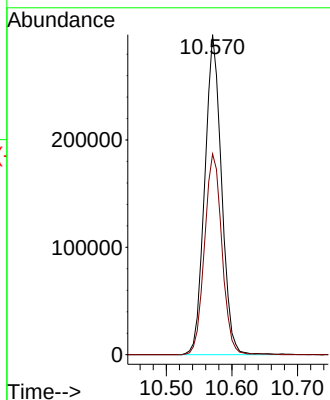
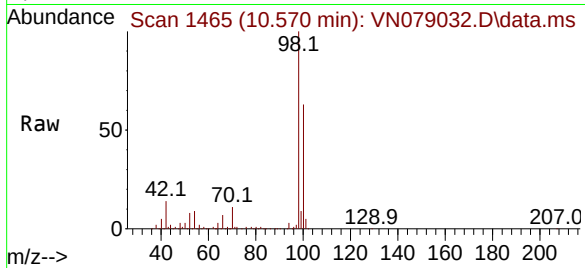




#50
Toluene-d8
Concen: 47.288 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

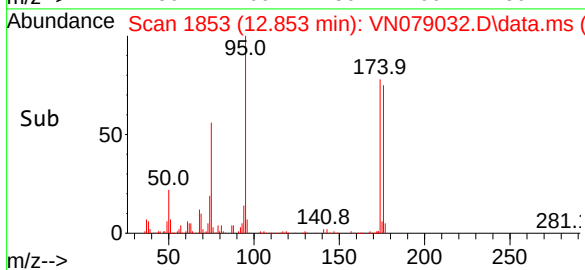
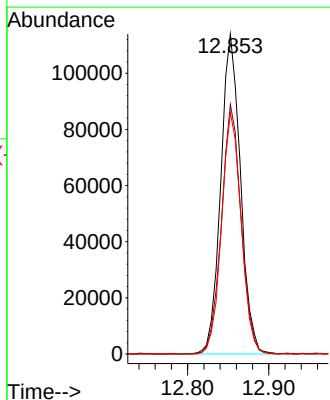
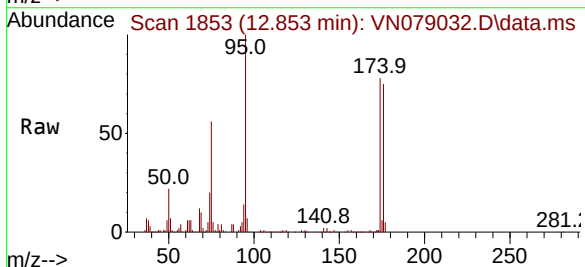
Instrument : MSVOA_N
ClientSampleId : NEVINS-SB05-Z113-114

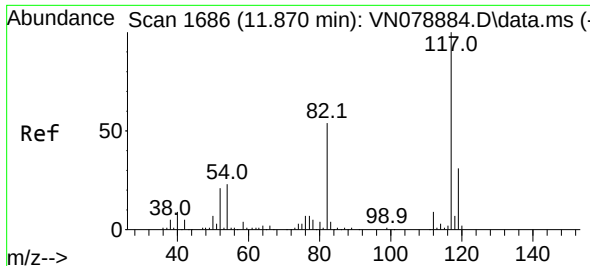
Tgt Ion: 98 Resp: 531256
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

Tgt Ion: 95 Resp: 192661
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.8 0.0 135.8

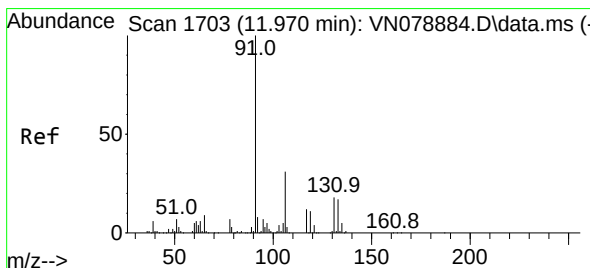
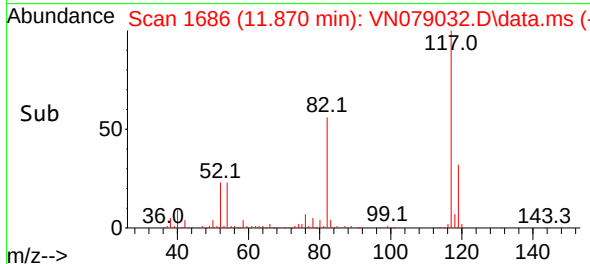
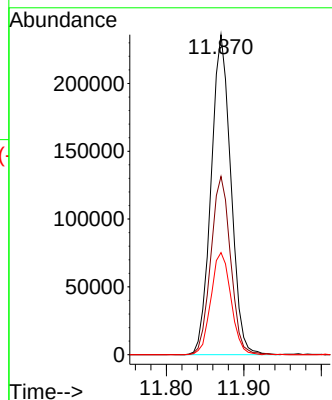
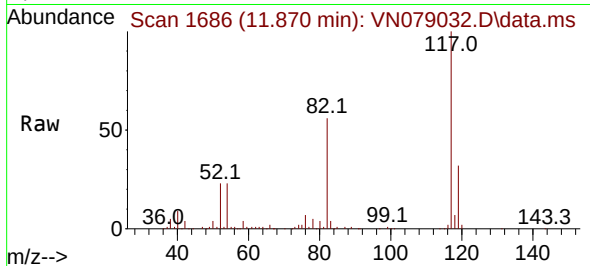




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

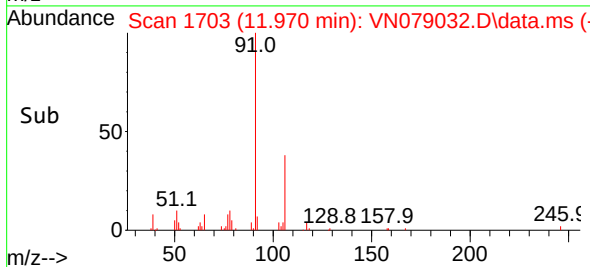
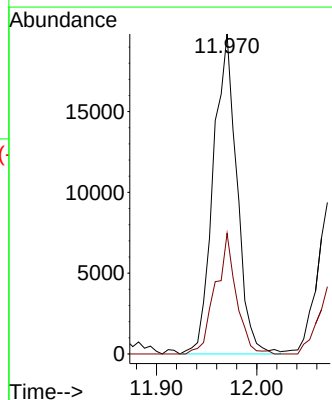
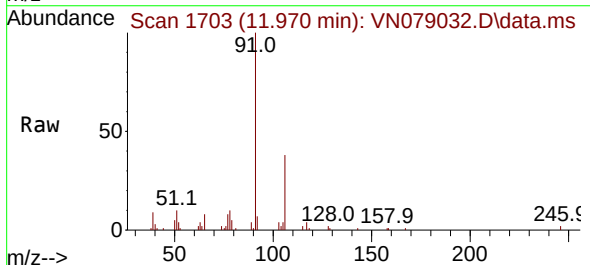
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z113-114

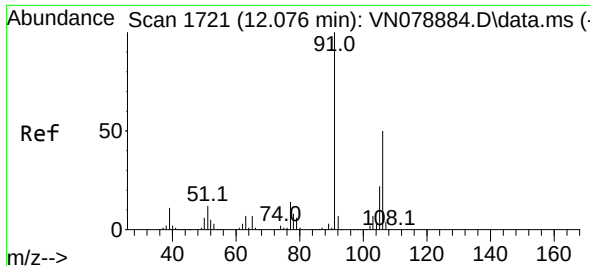
Tgt Ion:117 Resp: 418253
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 2.004 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

Tgt Ion: 91 Resp: 32452
Ion Ratio Lower Upper
91 100
106 37.7 25.6 38.4

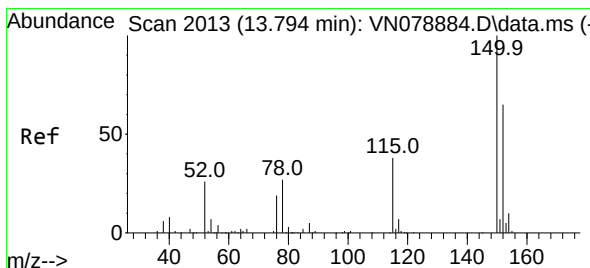
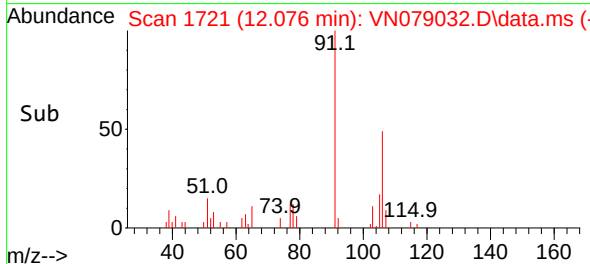
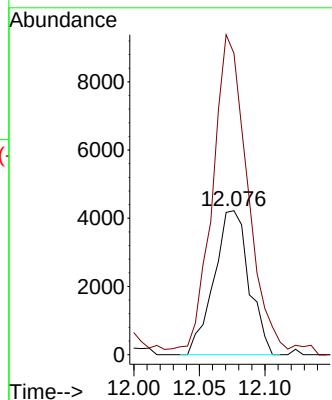
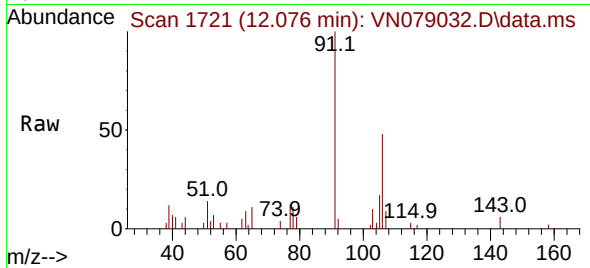




#68
m/p-Xylenes
Concen: 1.291 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

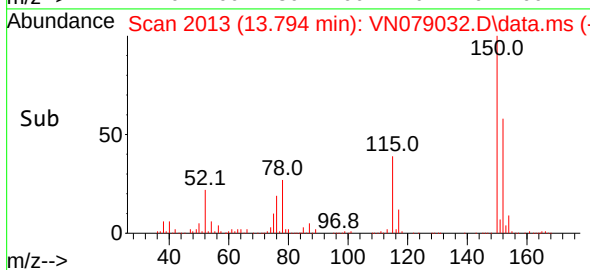
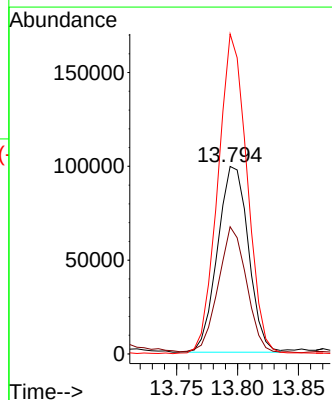
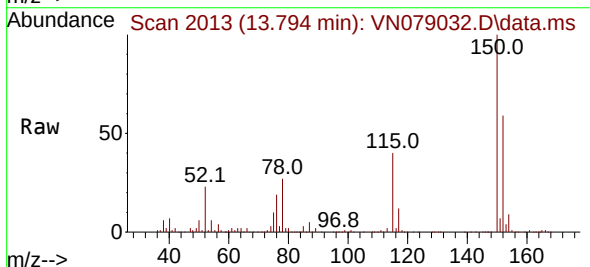
Instrument :
MSVOA_N
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NEVINS-SB05-Z113-114

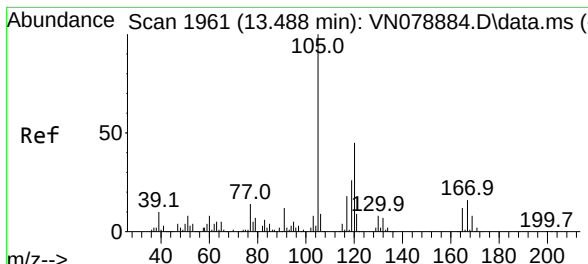
Tgt Ion:106 Resp: 7812
Ion Ratio Lower Upper
106 100
91 214.8 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079032.D
Acq: 24 Aug 2023 15:29

Tgt Ion:152 Resp: 174972
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 163.6 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 2.117 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079032.D
 Acq: 24 Aug 2023 15:29

Instrument : MSVOA_N
 ClientSampleId : NEVINS-SB05-Z113-114

Tgt Ion:105 Resp: 24233
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.0 66.0

