

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078913.D
 Acq On : 16 Aug 2023 19:19
 Operator : JC\MD
 Sample : 03932-04ME 20X
 Misc : 6.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

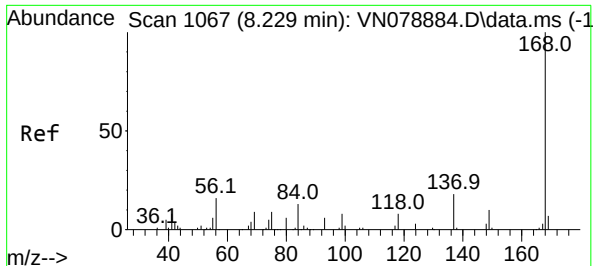
Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB-01-Z67-69ME

Quant Time: Aug 17 01:21:51 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)

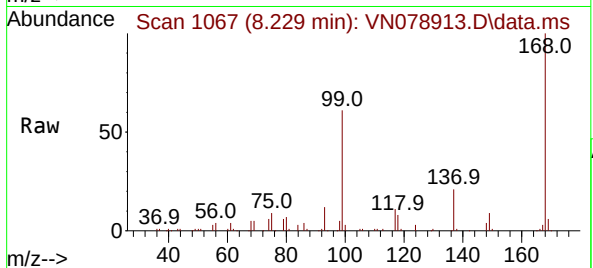
Internal Standards						
1) Pentafluorobenzene	8.229	168	184539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	324089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	139749	48.666	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.340%		
35) Dibromofluoromethane	8.171	113	113311	49.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	10.571	98	422404	49.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.340%		
62) 4-Bromofluorobenzene	12.853	95	167933	60.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	120.820%		
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	27447	2.695	ug/l	94
52) Toluene	10.635	92	14113	2.257	ug/l	84
67) Ethyl Benzene	11.970	91	1805113	143.886	ug/l	98
68) m/p-Xylenes	12.070	106	461271	98.342	ug/l	96
69) o-Xylene	12.406	106	219063	48.011	ug/l	97
73) Isopropylbenzene	12.700	105	210855	15.773	ug/l	100
78) n-propylbenzene	13.035	91	93696	6.044	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	238727	22.534	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	821676	78.330	ug/l	98
86) p-Isopropyltoluene	13.735	119	63754	6.514	ug/l	93

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

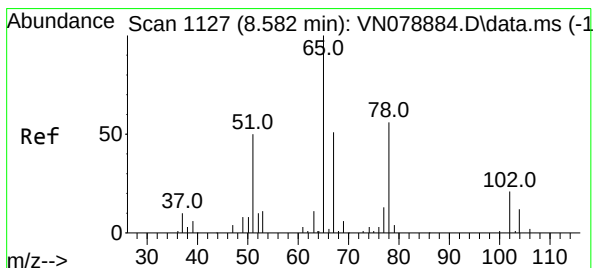
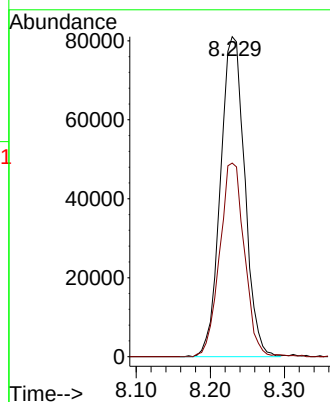
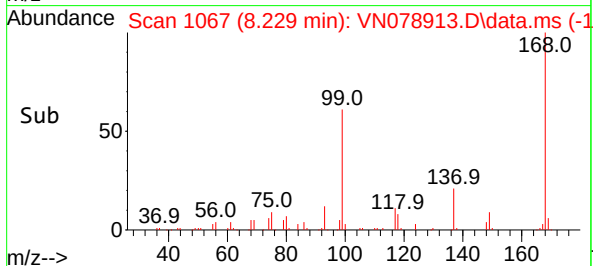


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078913.D
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Instrument :
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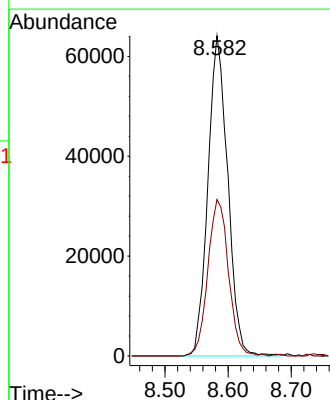
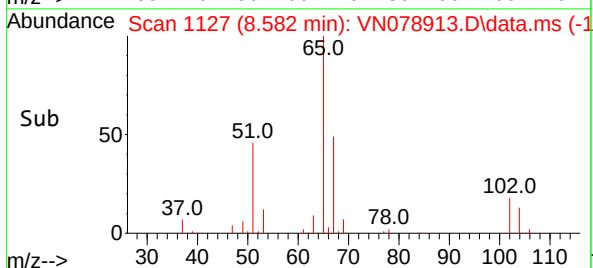
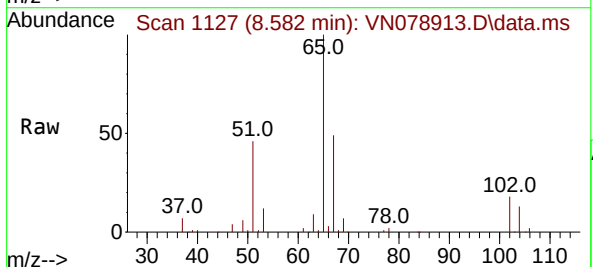


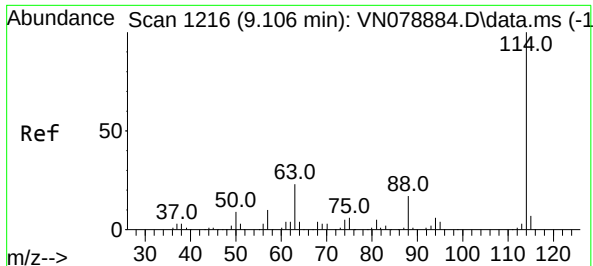
Tgt Ion:168 Resp: 184539
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.666 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion: 65 Resp: 139749
Ion Ratio Lower Upper
65 100
67 50.9 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: VN078913.D

Acq: 16 Aug 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB-01-Z67-69ME

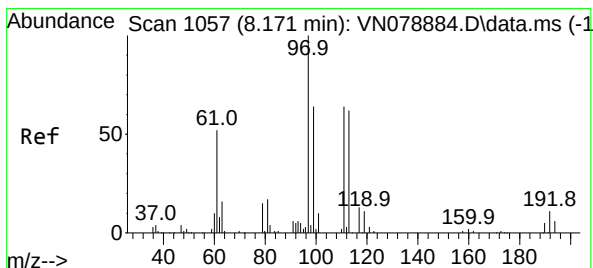
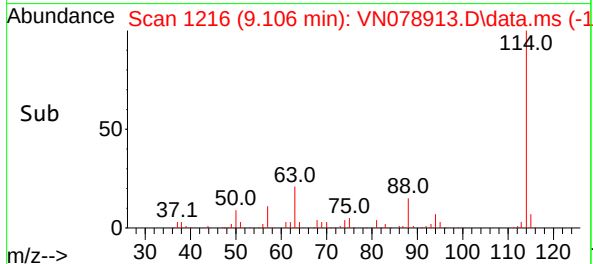
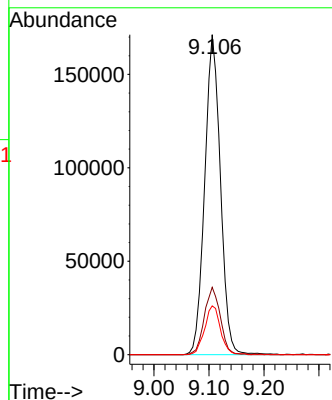
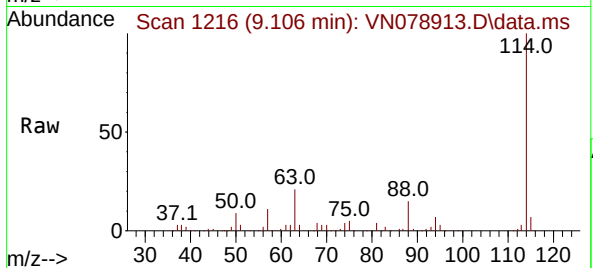
Tgt Ion:114 Resp: 340262

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.471 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078913.D

Acq: 16 Aug 2023 19:19

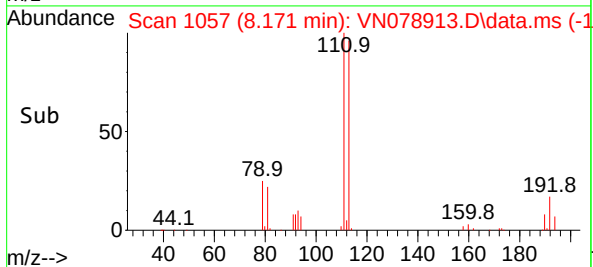
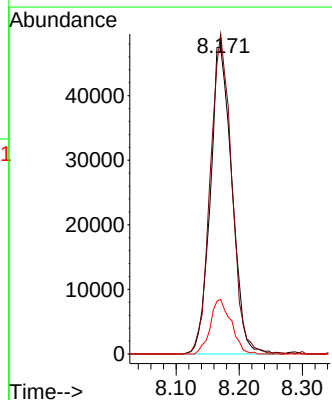
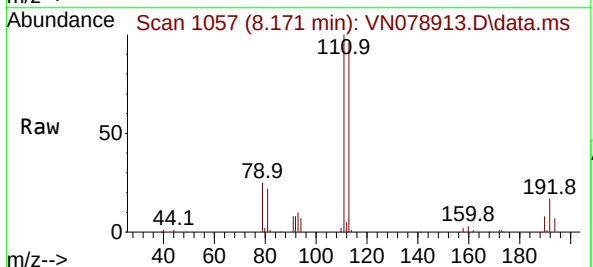
Tgt Ion:113 Resp: 113311

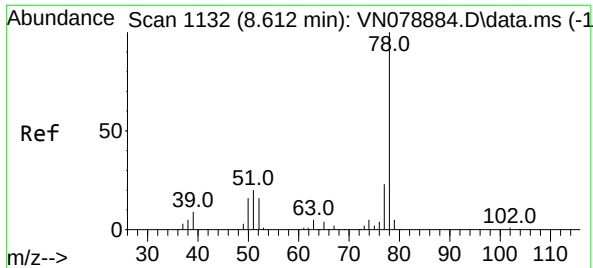
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.1 12.7 19.1

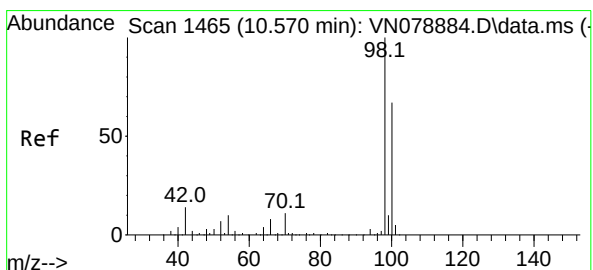
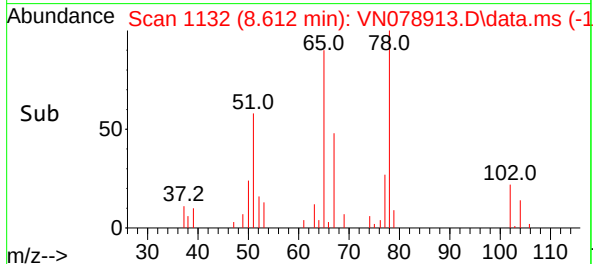
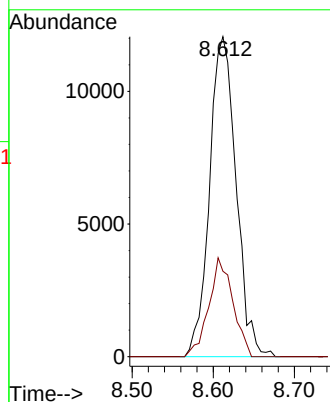
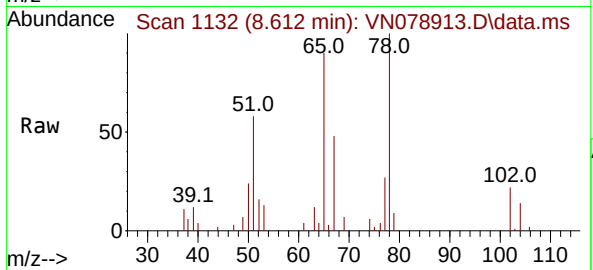




#40
Benzene
Concen: 2.695 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

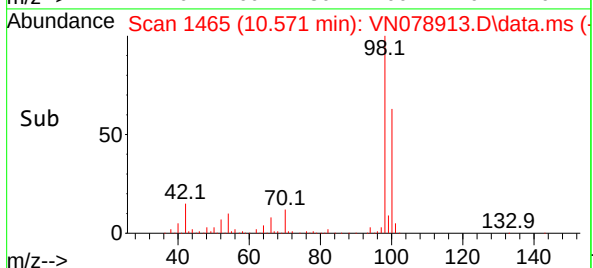
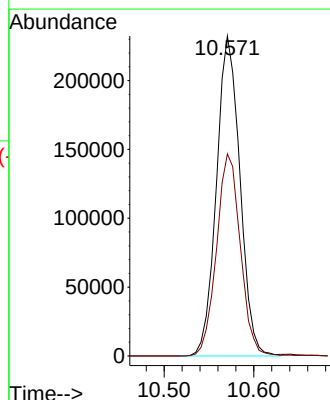
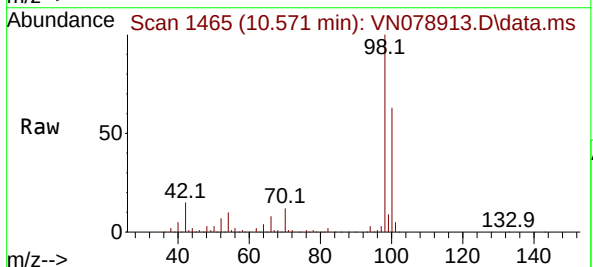
Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69ME

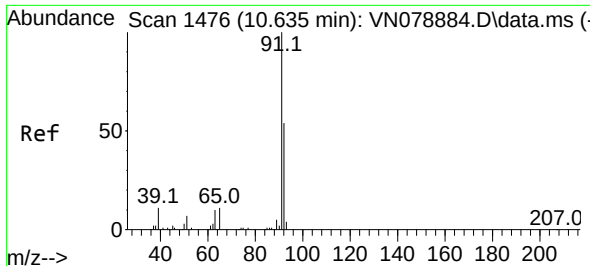
Tgt Ion: 78 Resp: 27447
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.6



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion: 98 Resp: 422404
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

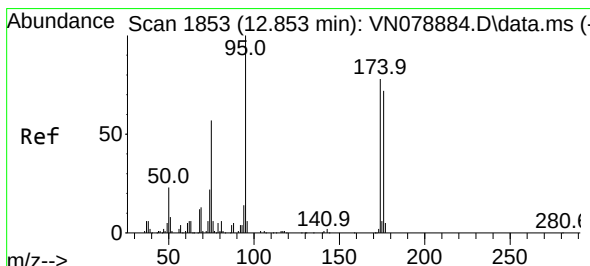
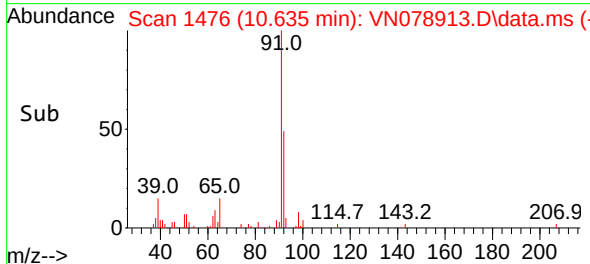
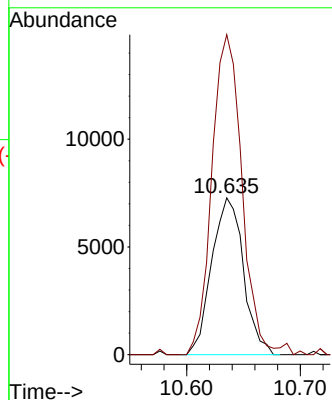
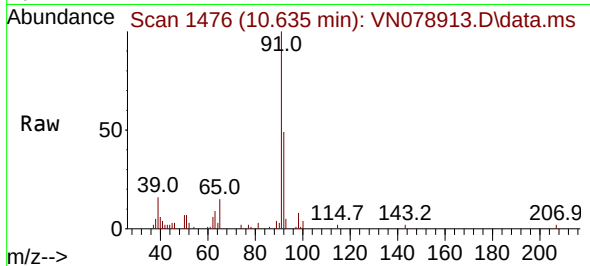




#52
Toluene
Concen: 2.257 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

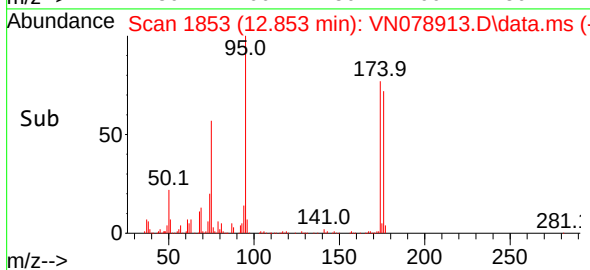
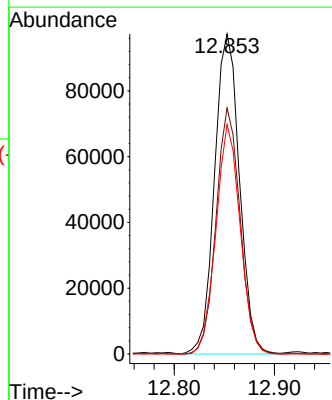
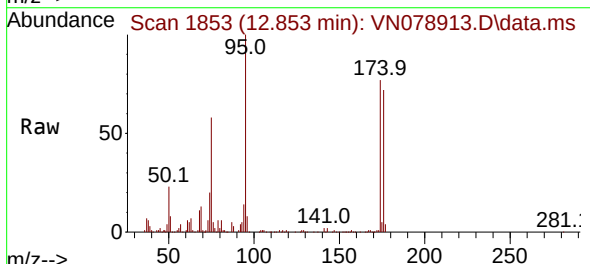
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ClientSampleId :
NEVINS-SB-01-Z67-69ME

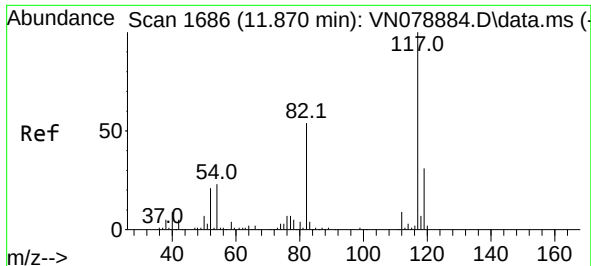
Tgt Ion: 92 Resp: 14113
Ion Ratio Lower Upper
92 100
91 194.4 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 60.411 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion: 95 Resp: 167933
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 69.6 0.0 135.8

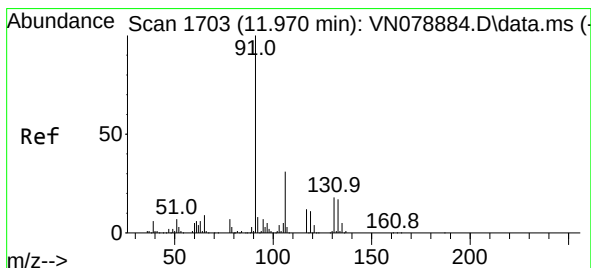
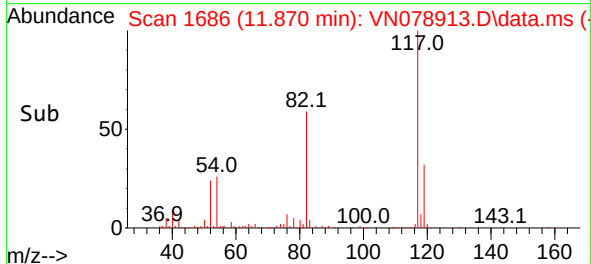
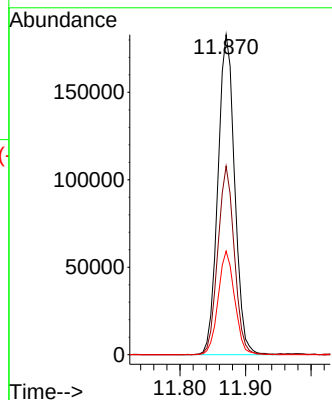
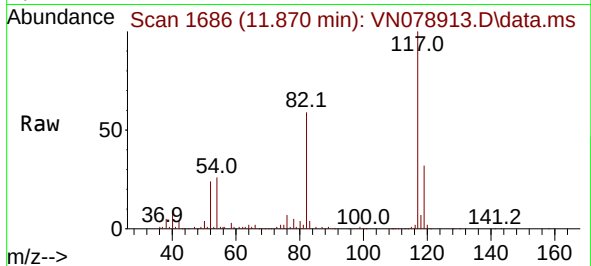




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1177
Delta R.T. -0.001 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

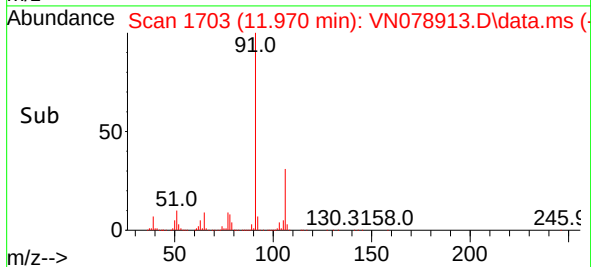
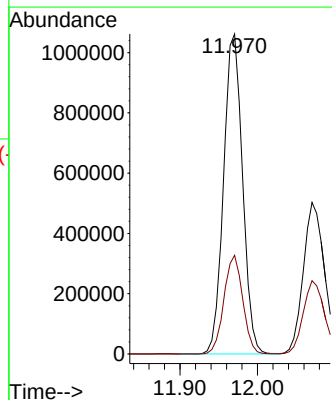
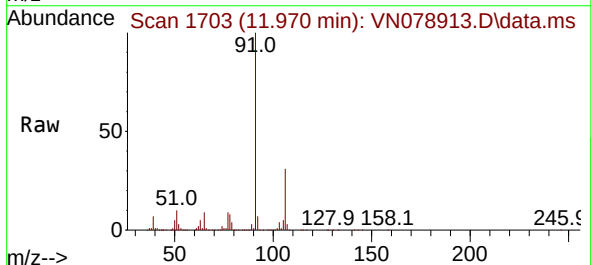
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NEVINS-SB-01-Z67-69ME

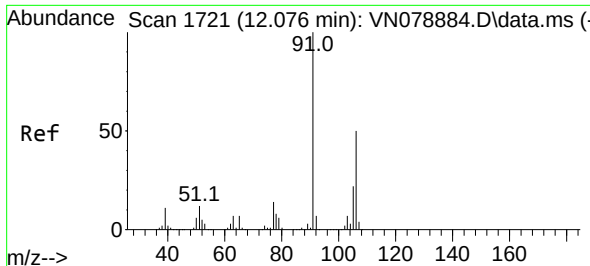
Tgt Ion:117 Resp: 324089
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.3 25.6 38.4



#67
Ethyl Benzene
Concen: 143.886 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion: 91 Resp: 1805113
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

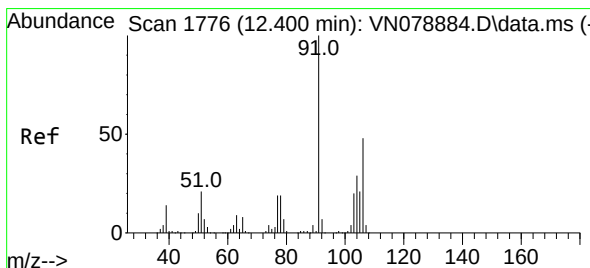
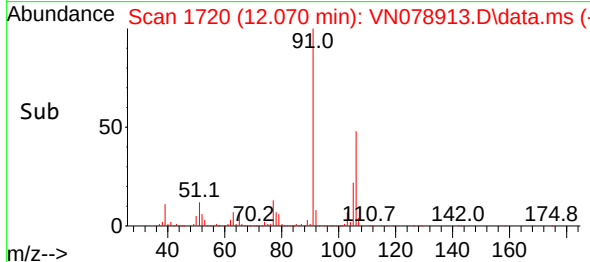
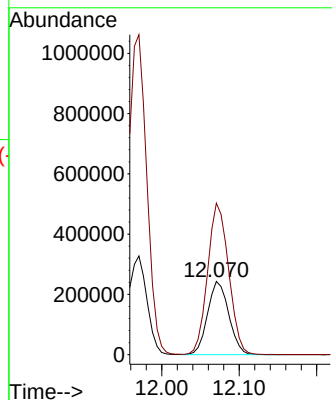
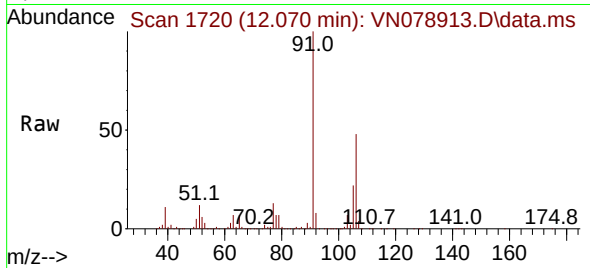




#68
m/p-Xylenes
Concen: 98.342 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

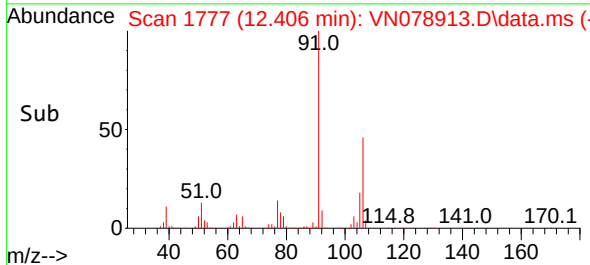
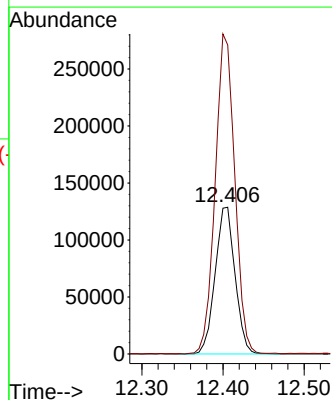
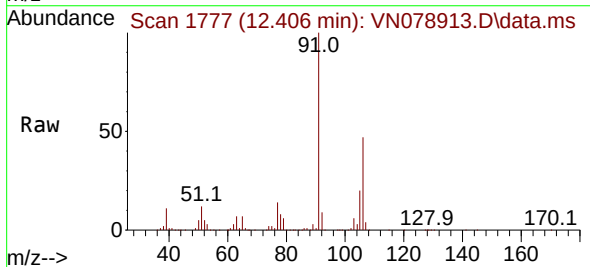
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ClientSampleId :
NEVINS-SB-01-Z67-69ME

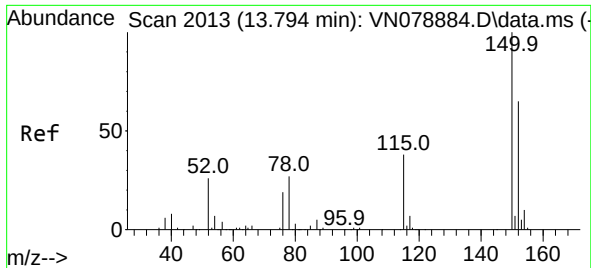
Tgt Ion:106 Resp: 461271
Ion Ratio Lower Upper
106 100
91 205.4 159.6 239.4



#69
o-Xylene
Concen: 48.011 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion:106 Resp: 219063
Ion Ratio Lower Upper
106 100
91 215.1 105.2 315.5

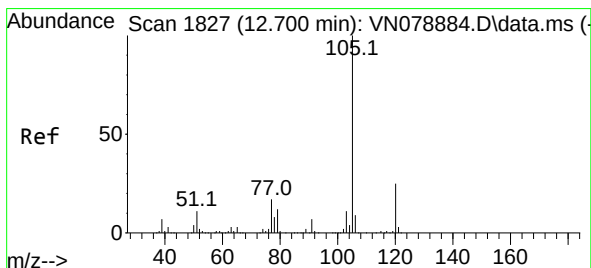
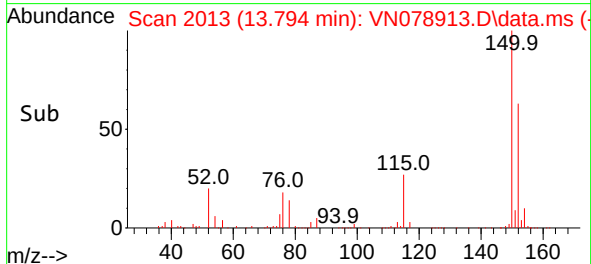
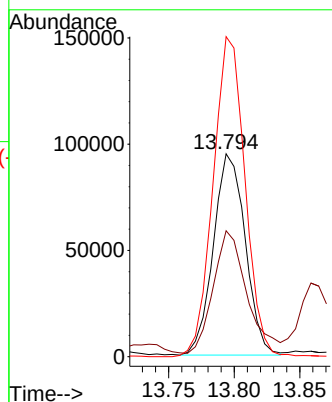
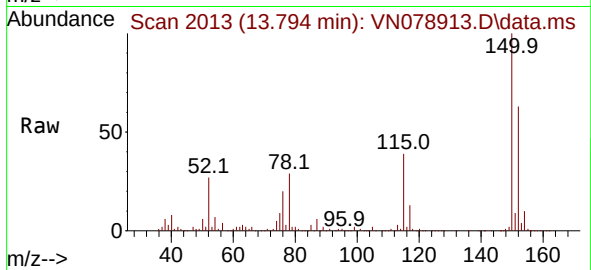




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN078913.D
 Acq: 16 Aug 2023 19:19

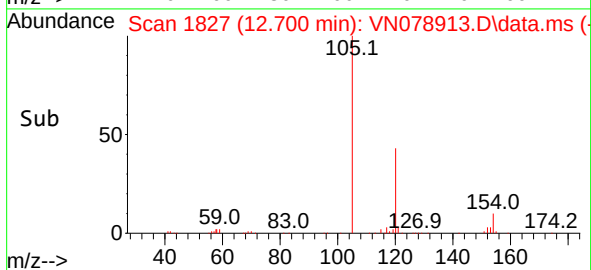
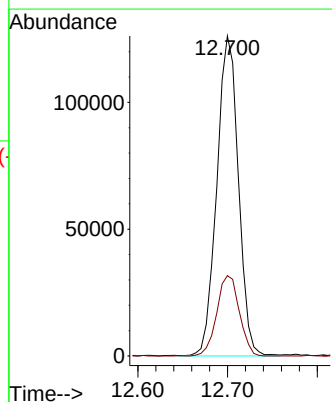
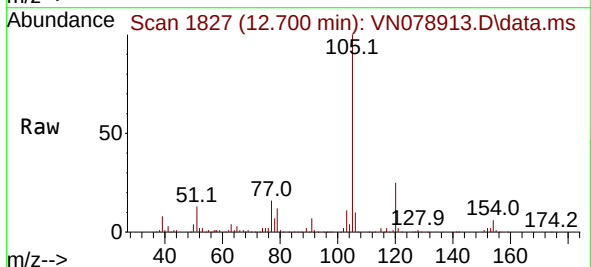
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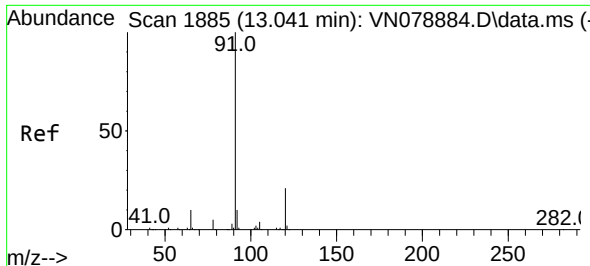
Tgt Ion:152 Resp: 160328
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.3 96.8
 150 159.3 0.0 355.8



#73
 Isopropylbenzene
 Concen: 15.773 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN078913.D
 Acq: 16 Aug 2023 19:19

Tgt Ion:105 Resp: 210855
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.1 39.1

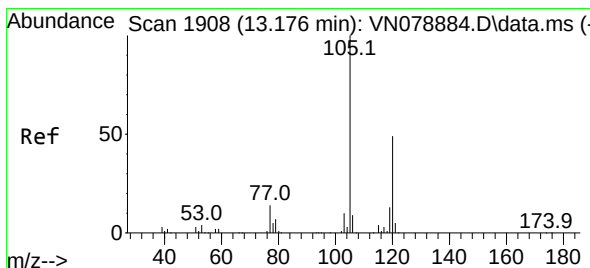
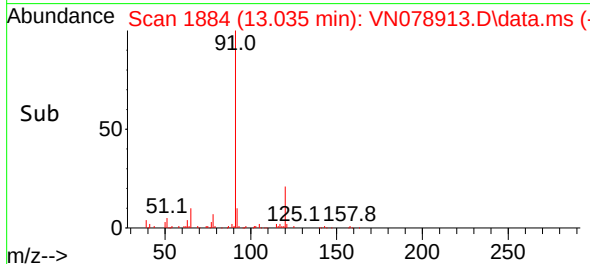
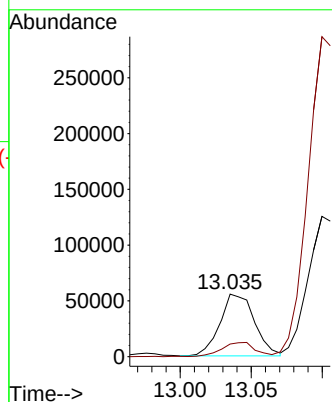
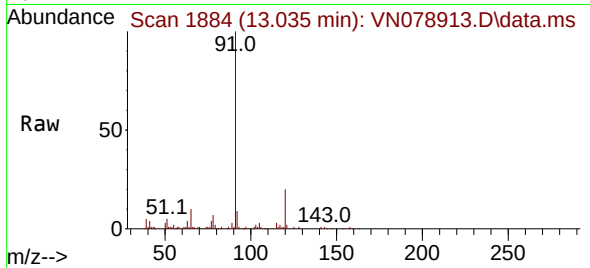




#78
n-propylbenzene
Concen: 6.044 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

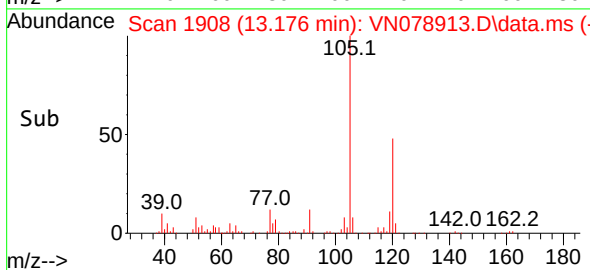
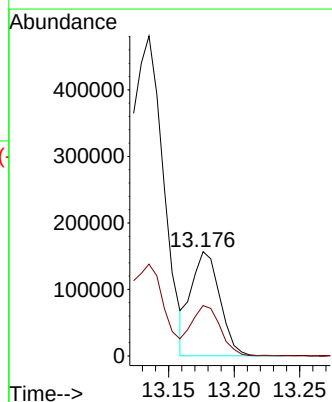
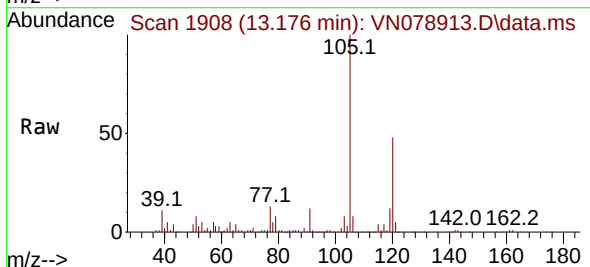
Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69ME

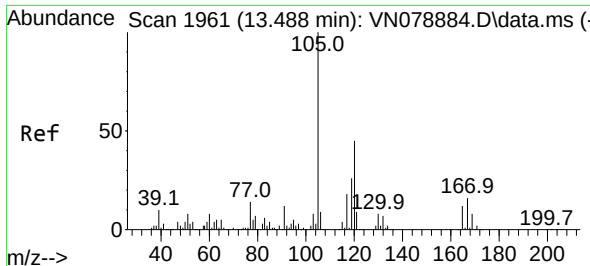
Tgt Ion: 91 Resp: 93696
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 22.534 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion: 105 Resp: 238727
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

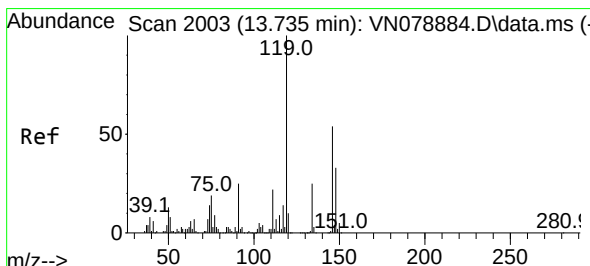
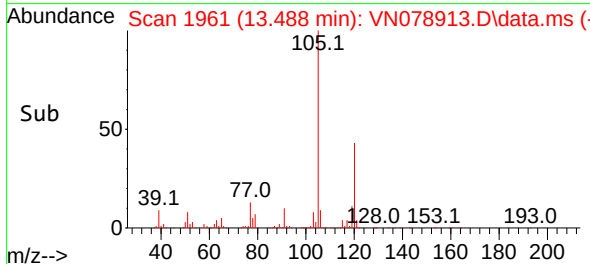
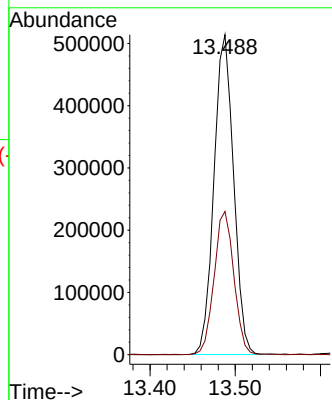
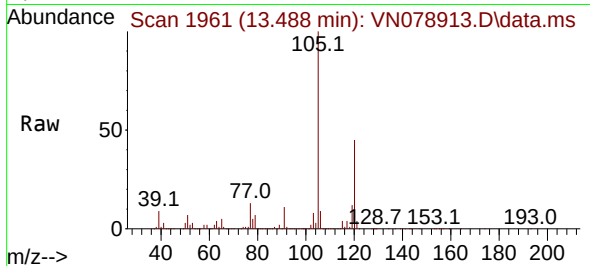




#84
1,2,4-Trimethylbenzene
Concen: 78.330 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB-01-Z67-69ME

Tgt Ion:105 Resp: 821676
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0



#86
p-Isopropyltoluene
Concen: 6.514 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078913.D
Acq: 16 Aug 2023 19:19

Tgt Ion:119 Resp: 63754
Ion Ratio Lower Upper
119 100
134 27.7 12.6 37.8
91 28.8 12.4 37.2

