

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079033.D
 Acq On : 24 Aug 2023 15:54
 Operator : JC\MD
 Sample : 04075-02 20X
 Misc : 7.22g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 25 02:54:31 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)

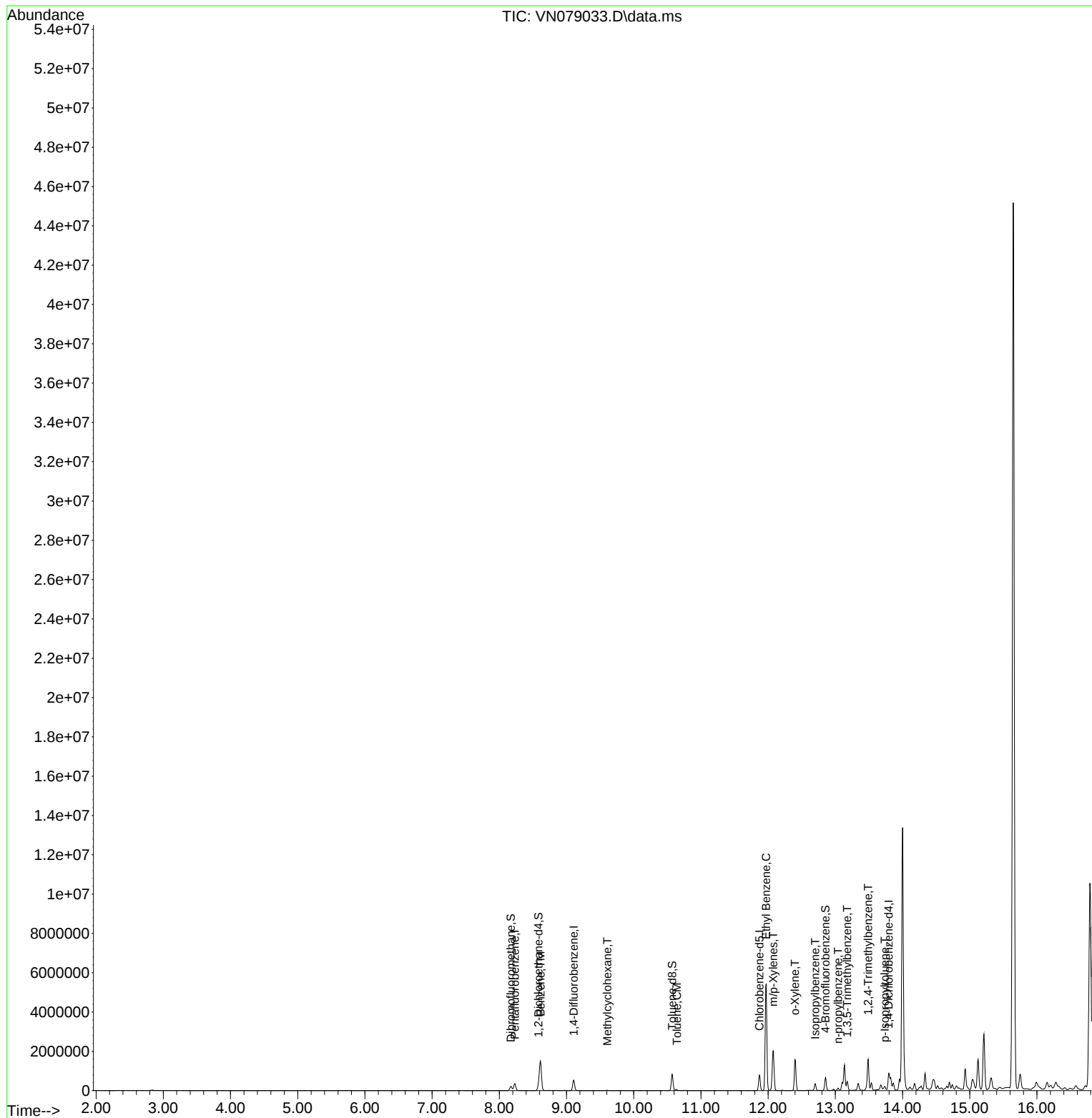
Internal Standards						
1) Pentafluorobenzene	8.230	168	253348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	443850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183704	46.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.200%		
35) Dibromofluoromethane	8.171	113	152194	48.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	10.571	98	558284	47.904	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.800%		
62) 4-Bromofluorobenzene	12.853	95	218687	57.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.820%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	8387	1.931	ug/l #	79
40) Benzene	8.612	78	1439664	103.162	ug/l	100
52) Toluene	10.641	92	22788	2.660	ug/l	98
67) Ethyl Benzene	11.971	91	3993060	232.407	ug/l	97
68) m/p-Xylenes	12.076	106	651754	101.460	ug/l	97
69) o-Xylene	12.400	106	428152	68.517	ug/l	96
73) Isopropylbenzene	12.700	105	223110	12.138	ug/l	99
78) n-propylbenzene	13.041	91	91193	4.278	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	228208	15.667	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	866175	60.055	ug/l	98
86) p-Isopropyltoluene	13.735	119	80999	6.019	ug/l #	74

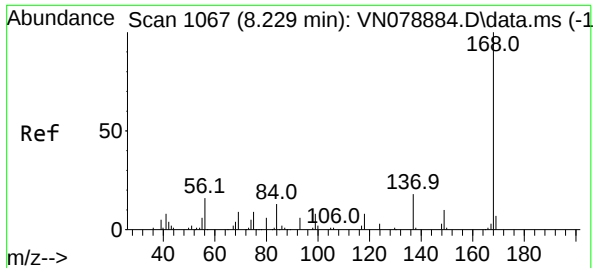
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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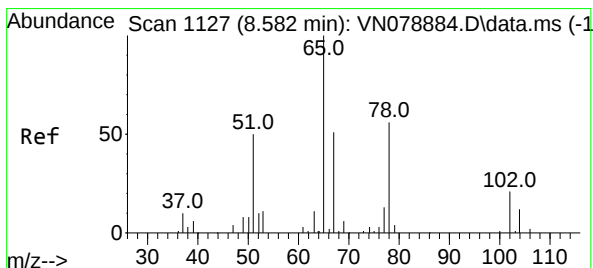
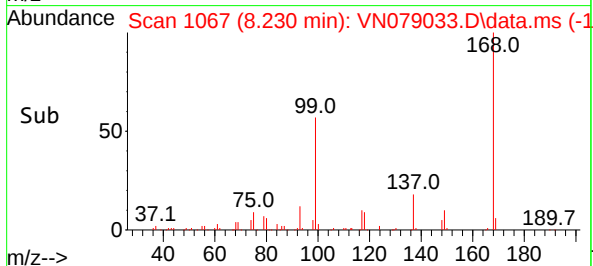
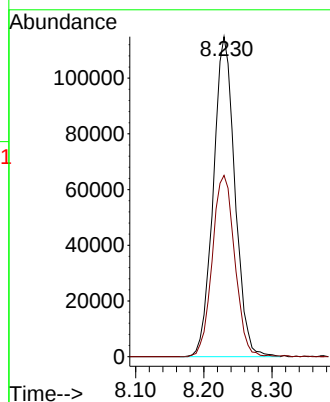
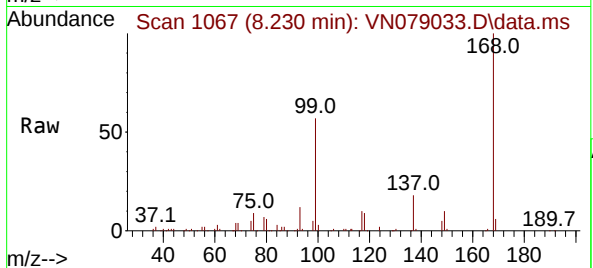




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

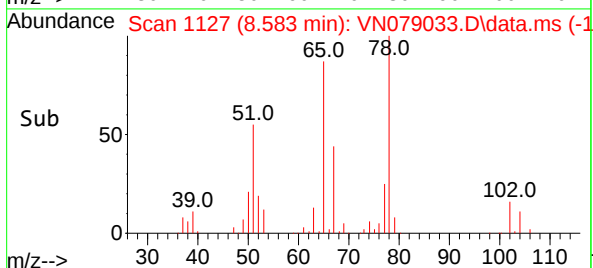
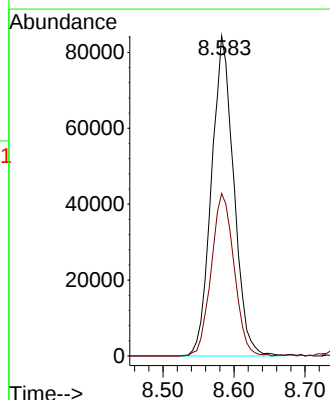
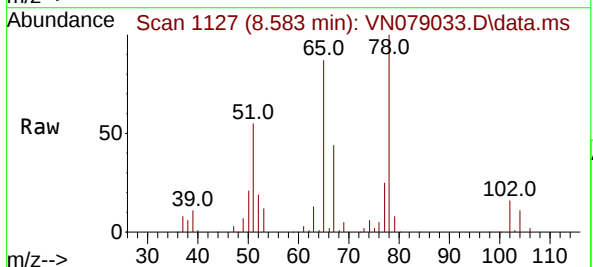
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z23-24

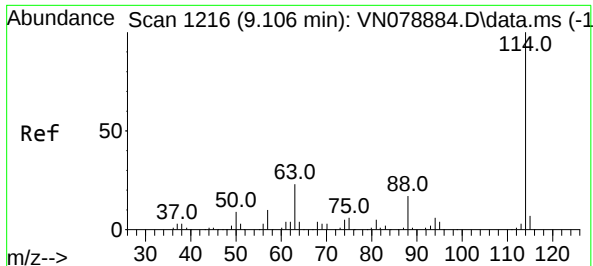
Tgt Ion:168 Resp: 253348
Ion Ratio Lower Upper
168 100
99 56.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.598 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 65 Resp: 183704
Ion Ratio Lower Upper
65 100
67 51.9 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: VN079033.D

Acq: 24 Aug 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z23-24

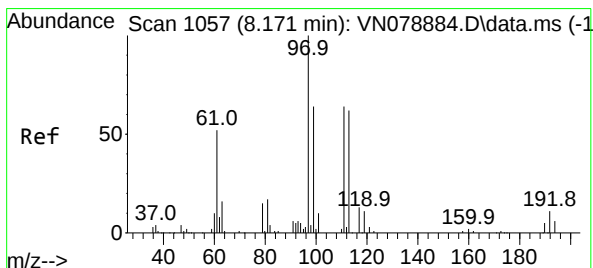
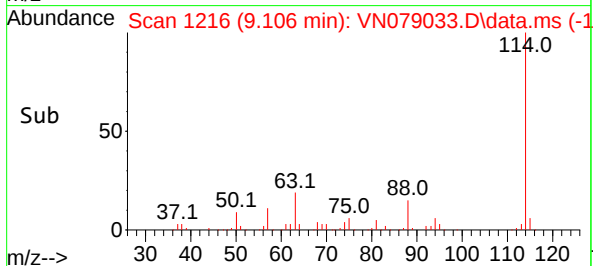
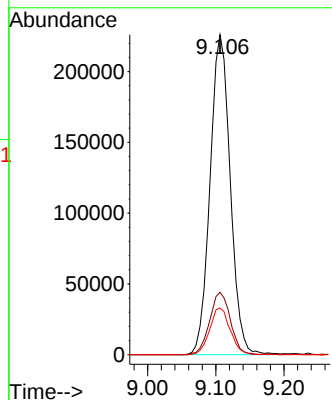
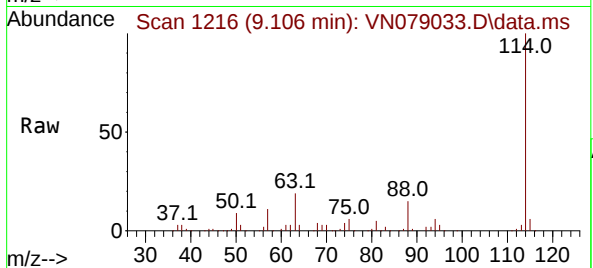
Tgt Ion:114 Resp: 466274

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.489 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079033.D

Acq: 24 Aug 2023 15:54

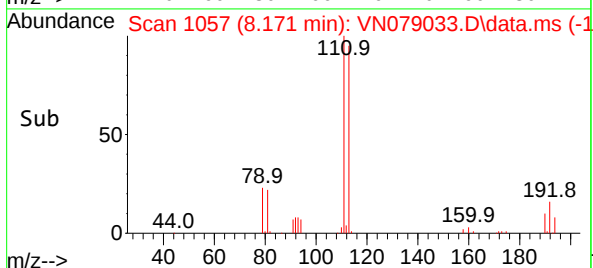
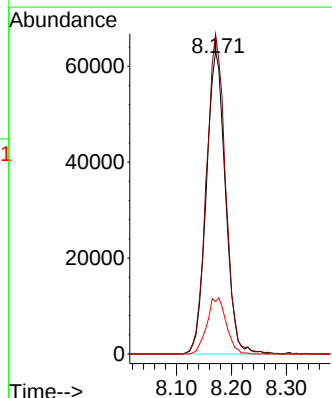
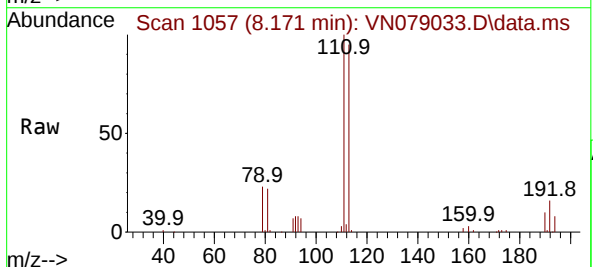
Tgt Ion:113 Resp: 152194

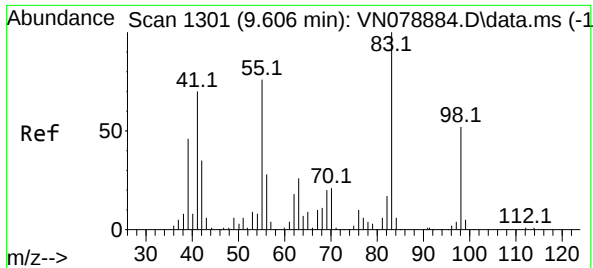
Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

192 18.8 12.7 19.1





#39

Methylcyclohexane

Concen: 1.931 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN079033.D

Acq: 24 Aug 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z23-24

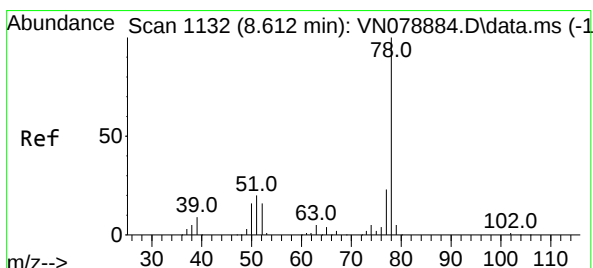
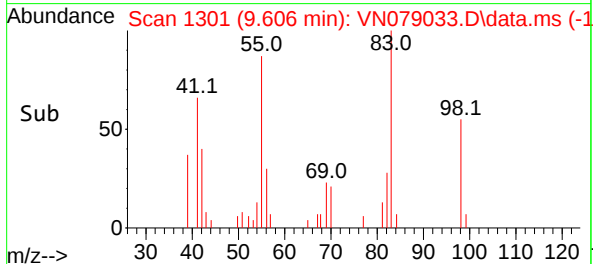
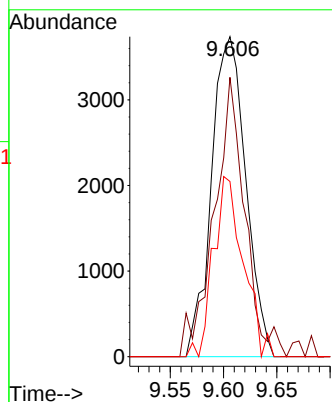
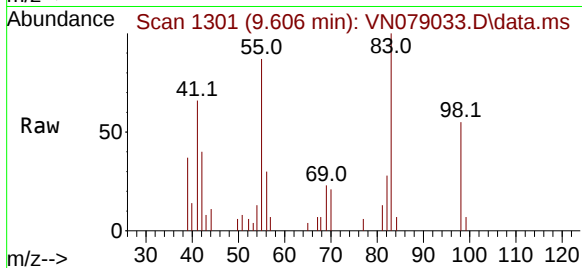
Tgt Ion: 83 Resp: 8387

Ion Ratio Lower Upper

83 100

55 87.3 49.1 73.7#

98 54.8 40.6 61.0



#40

Benzene

Concen: 103.162 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079033.D

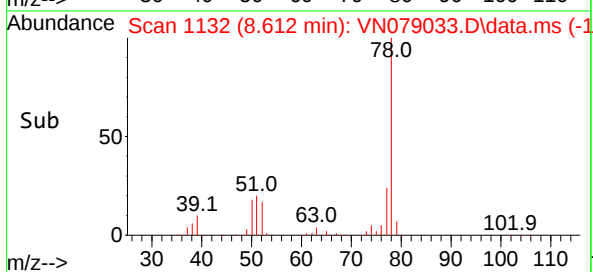
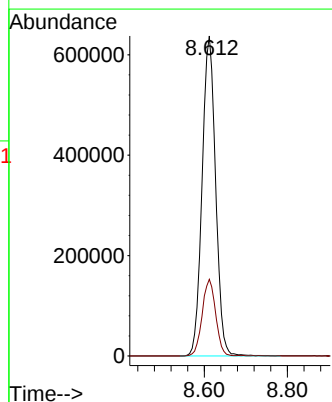
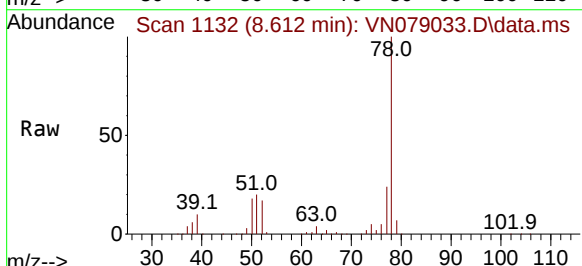
Acq: 24 Aug 2023 15:54

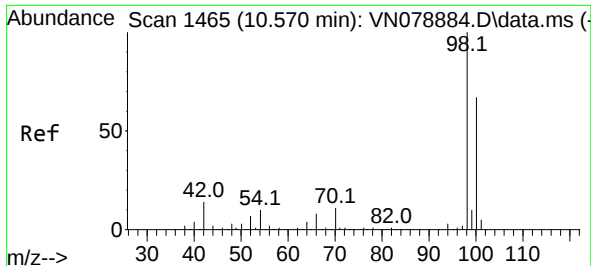
Tgt Ion: 78 Resp: 1439664

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

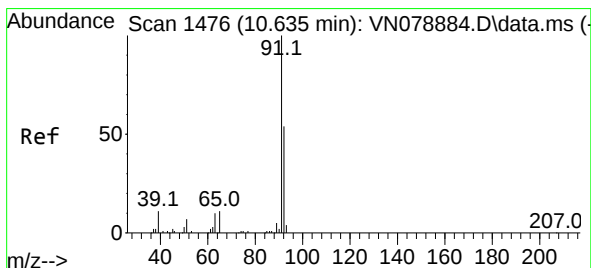
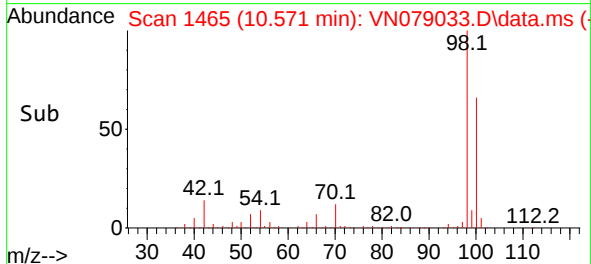
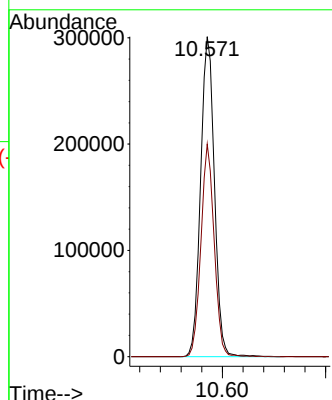
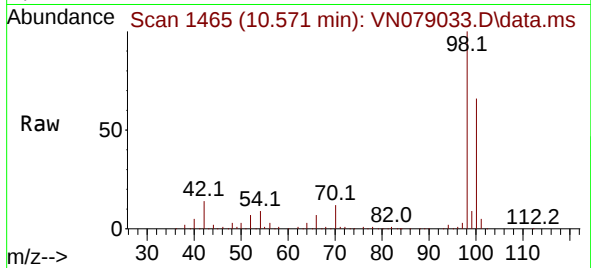




#50
Toluene-d8
Concen: 47.904 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

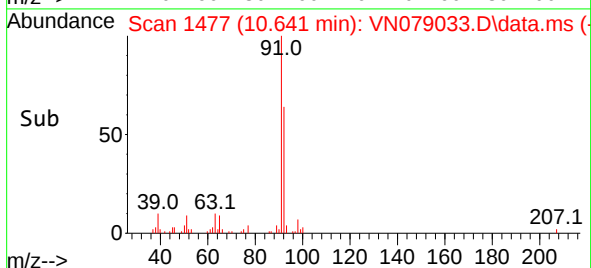
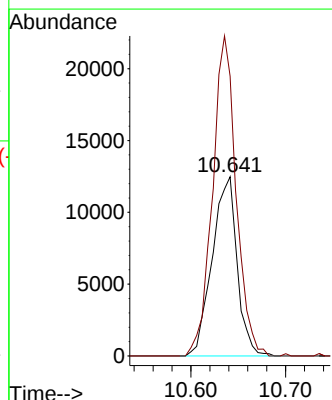
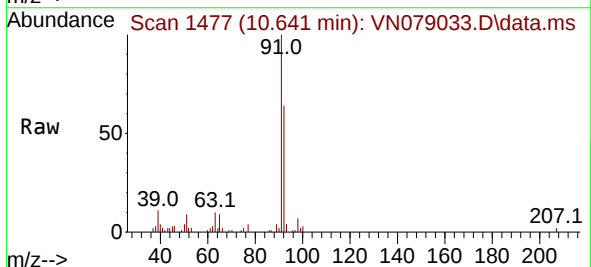
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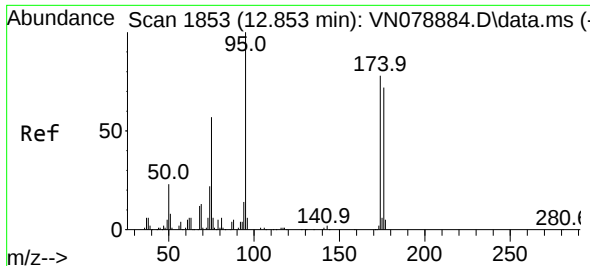
Tgt Ion: 98 Resp: 558284
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#52
Toluene
Concen: 2.660 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 92 Resp: 22788
Ion Ratio Lower Upper
92 100
91 169.4 137.4 206.0

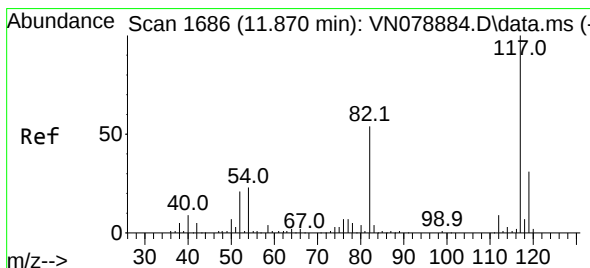
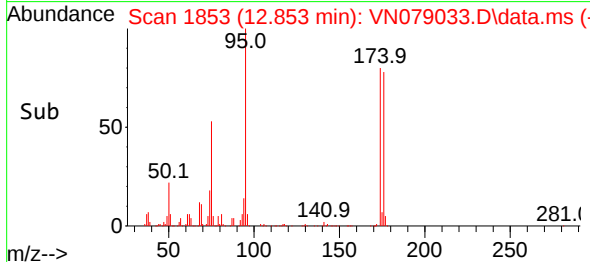
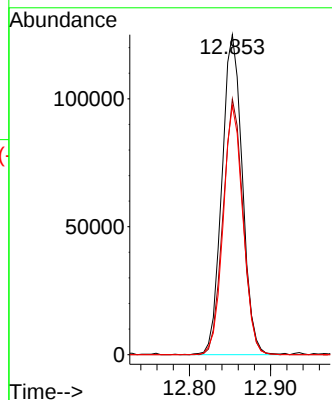
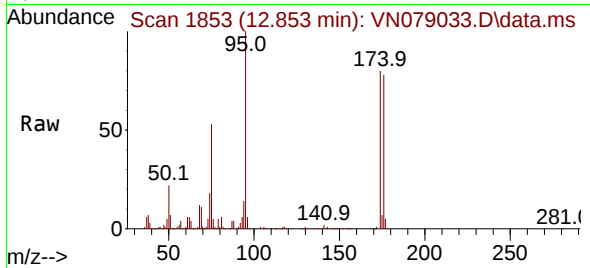




#62
4-Bromofluorobenzene
Concen: 57.408 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

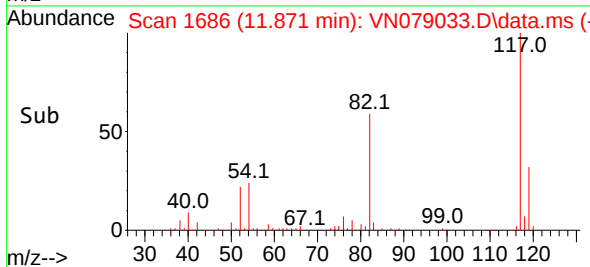
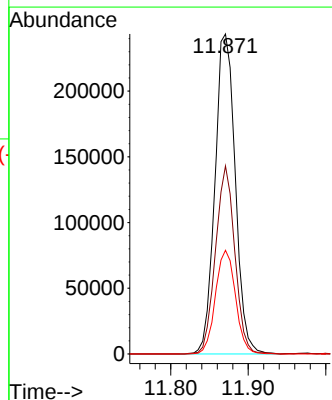
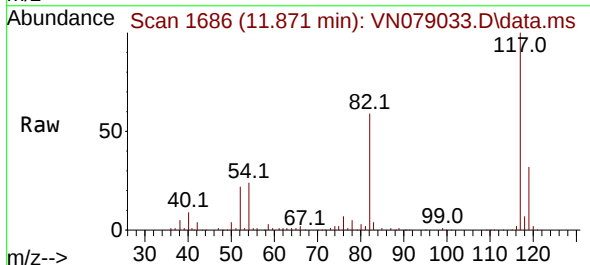
Instrument :
MSVOA_N
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NEVINS-SB04-Z23-24

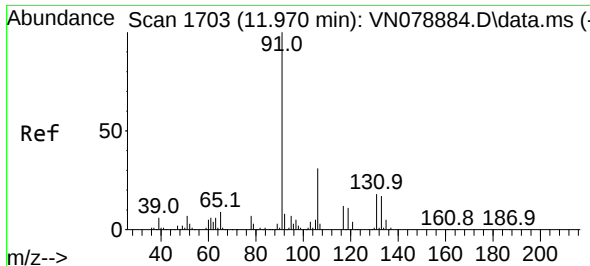
Tgt Ion: 95 Resp: 218687
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 75.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 117 Resp: 443850
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 32.4 25.6 38.4





#67

Ethyl Benzene

Concen: 232.407 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN079033.D

Acq: 24 Aug 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

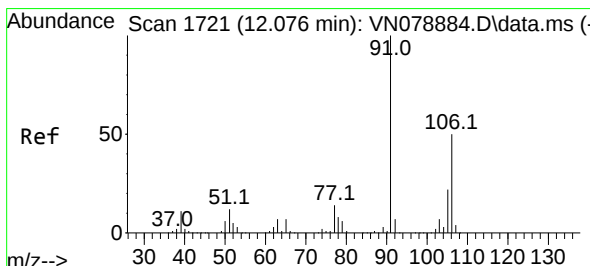
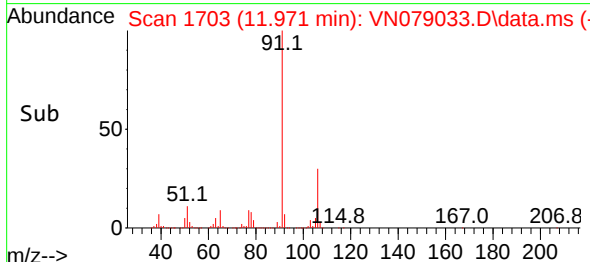
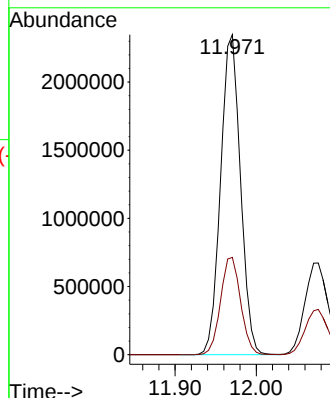
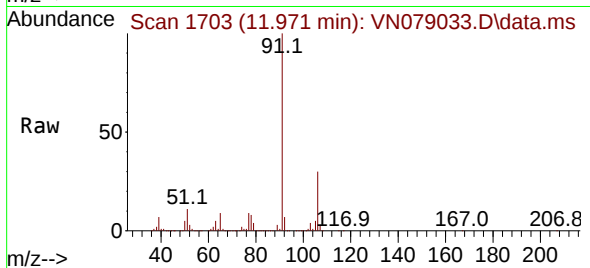
NEVINS-SB04-Z23-24

Tgt Ion: 91 Resp: 3993060

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 101.460 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079033.D

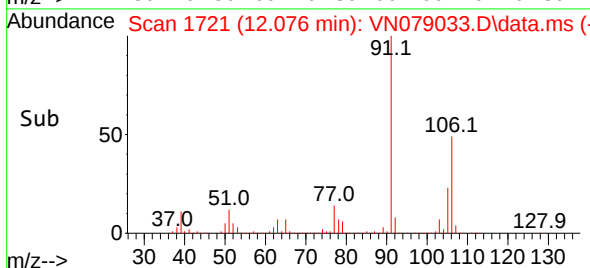
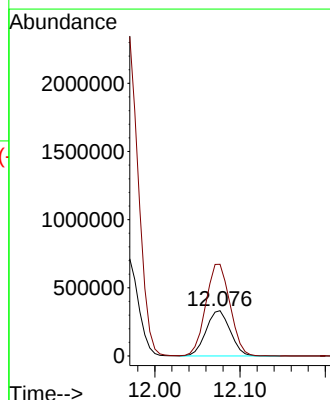
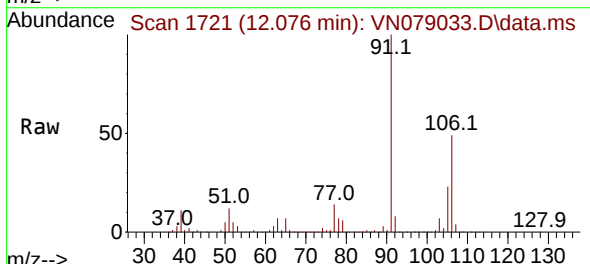
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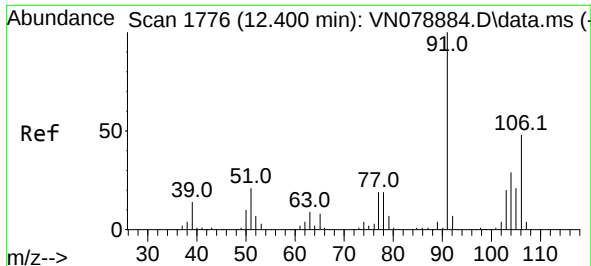
Tgt Ion:106 Resp: 651754

Ion Ratio Lower Upper

106 100

91 204.6 159.6 239.4

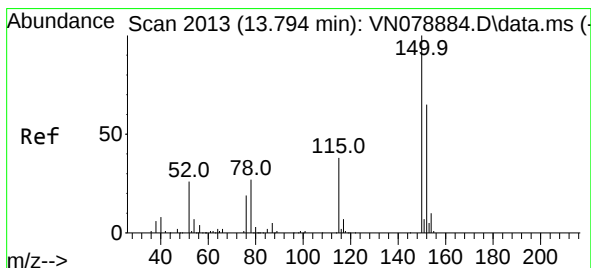
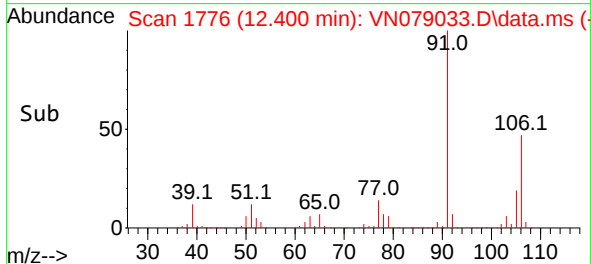
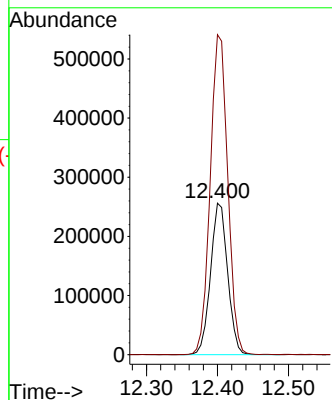
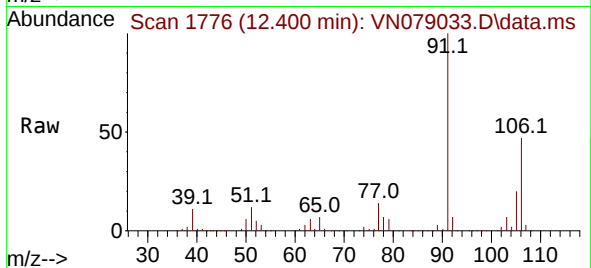




#69
o-Xylene
Concen: 68.517 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

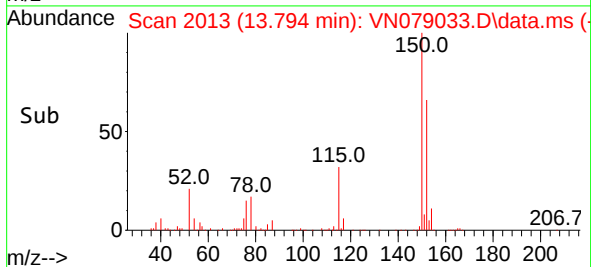
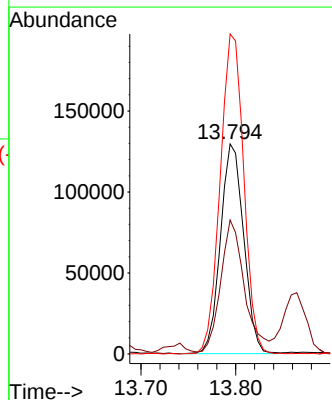
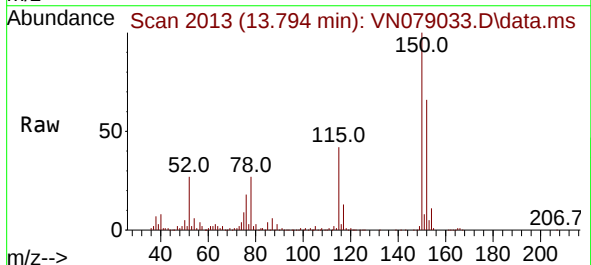
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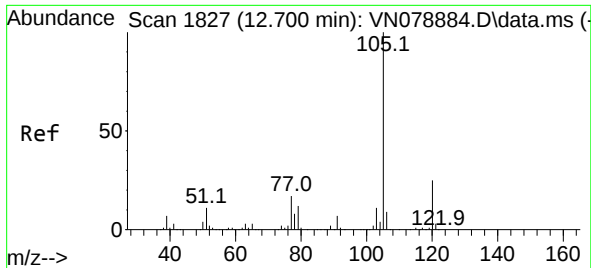
Tgt Ion:106 Resp: 428152
Ion Ratio Lower Upper
106 100
91 216.3 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

Tgt Ion:152 Resp: 220442
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 155.2 0.0 355.8

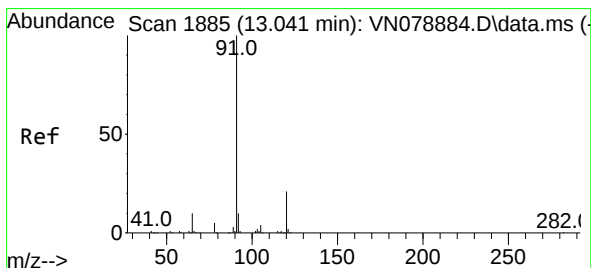
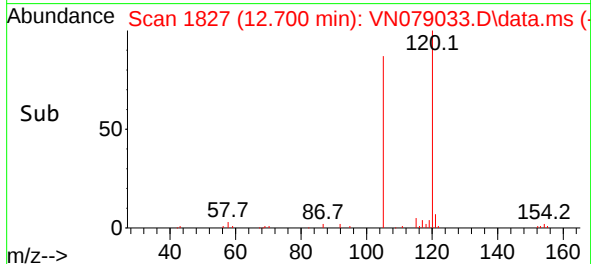
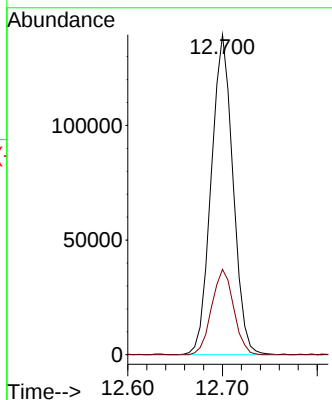
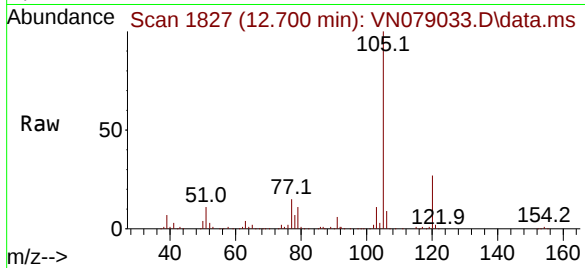




#73
Isopropylbenzene
Concen: 12.138 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

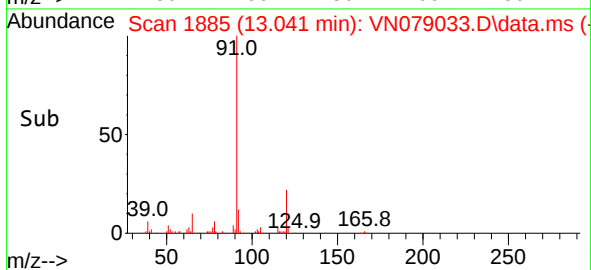
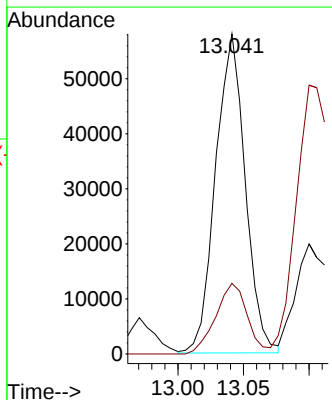
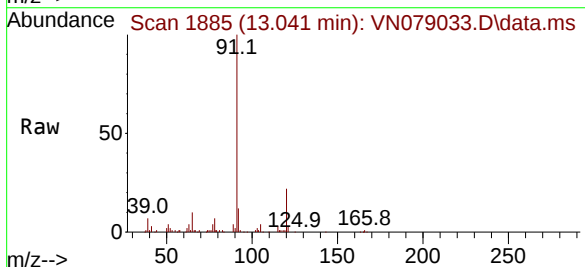
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z23-24

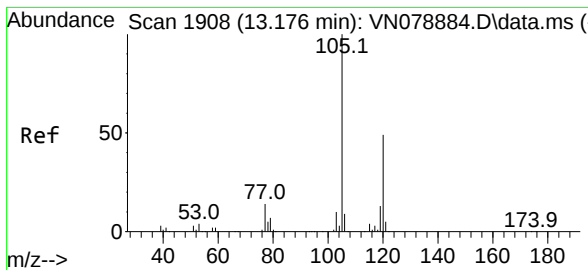
Tgt Ion:105 Resp: 223110
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#78
n-propylbenzene
Concen: 4.278 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079033.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 91 Resp: 91193
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4

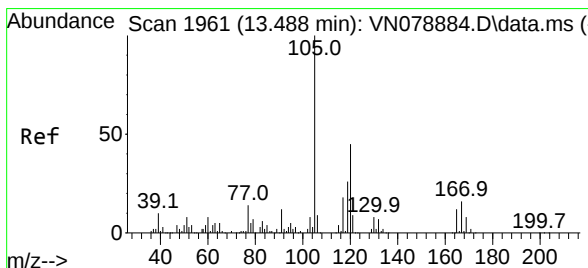
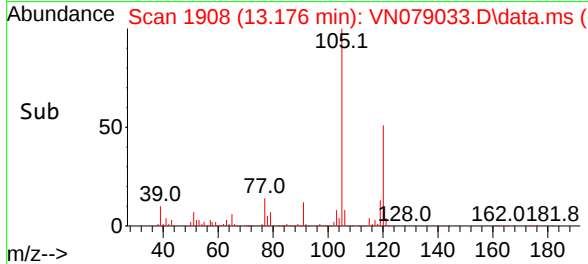
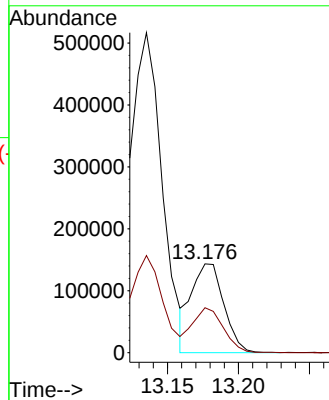
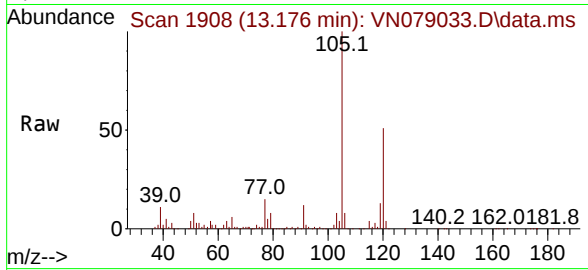




#80
 1,3,5-Trimethylbenzene
 Concen: 15.667 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079033.D
 Acq: 24 Aug 2023 15:54

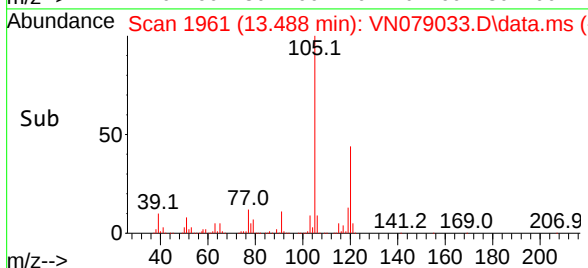
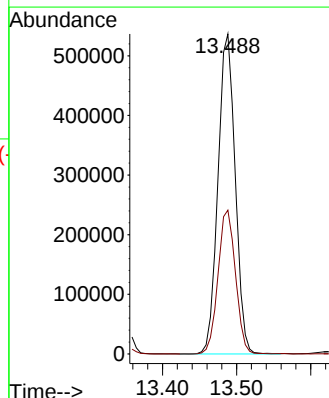
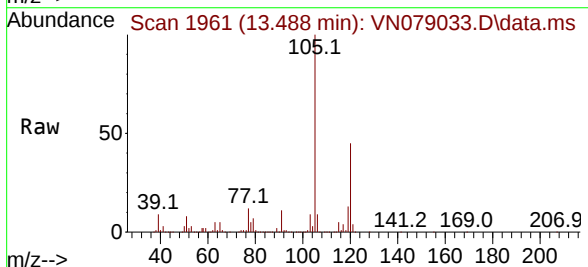
Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z23-24

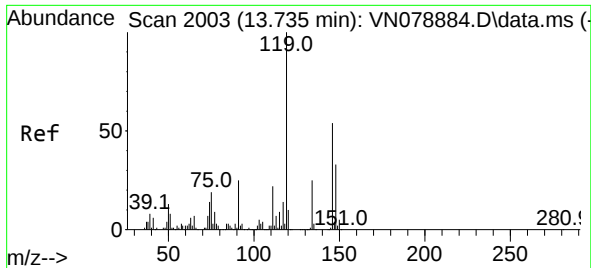
Tgt Ion:105 Resp: 228208
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 60.055 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079033.D
 Acq: 24 Aug 2023 15:54

Tgt Ion:105 Resp: 866175
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 6.019 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079033.D
 Acq: 24 Aug 2023 15:54

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

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.6	37.8
91	0.0	12.4	37.2#

