

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079754.D
 Acq On : 31 Oct 2023 19:19
 Operator : JC\MD
 Sample : 05107-08ME 20X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1078ME

Quant Time: Nov 01 01:25:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

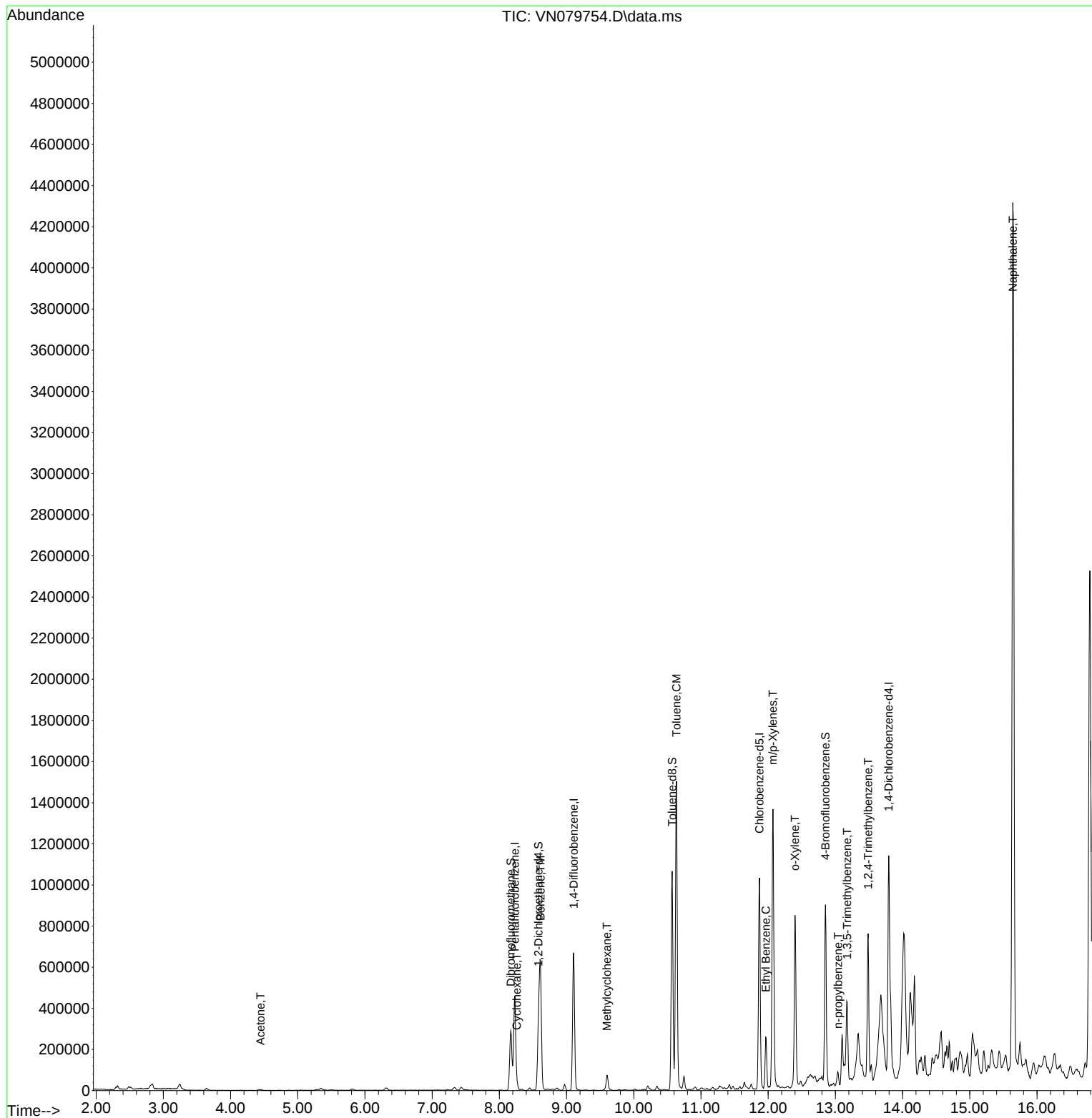
Internal Standards						
1) Pentafluorobenzene	8.230	168	310631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226677	45.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.880%		
35) Dibromofluoromethane	8.171	113	205442	49.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	10.571	98	708833	46.032	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.060%		
62) 4-Bromofluorobenzene	12.853	95	297253	61.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.600%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	6916	3.241	ug/l #	76
31) Cyclohexane	8.259	56	23030	3.384	ug/l	87
39) Methylcyclohexane	9.600	83	29083	4.771	ug/l #	82
40) Benzene	8.612	78	592931	32.784	ug/l	100
52) Toluene	10.635	92	650420	58.907	ug/l	96
67) Ethyl Benzene	11.965	91	181858	7.946	ug/l	94
68) m/p-Xylenes	12.071	106	394521	46.609	ug/l	95
69) o-Xylene	12.400	106	218738	26.874	ug/l	93
78) n-propylbenzene	13.041	91	46594	1.602	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	176971	8.600	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	409219	20.613	ug/l	99
95) Naphthalene	15.641	128	3846988	455.084	ug/l	99

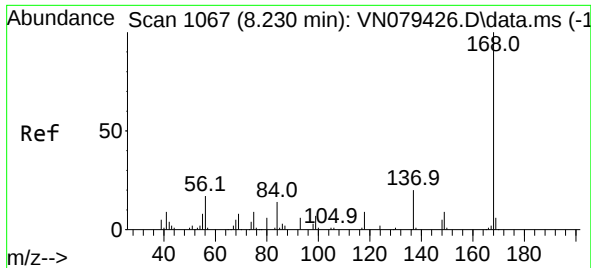
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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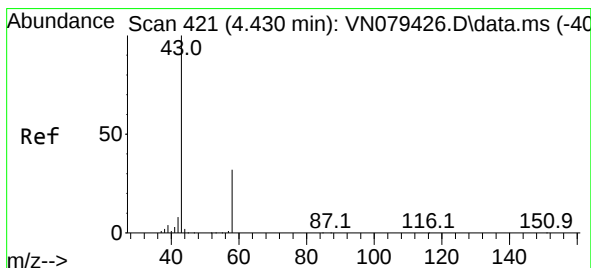
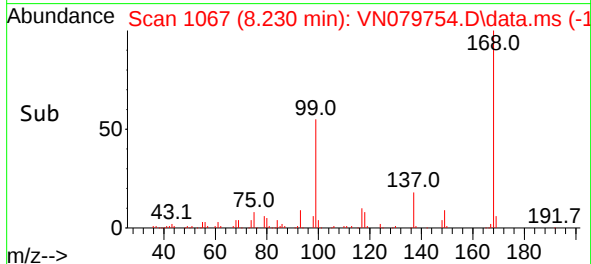
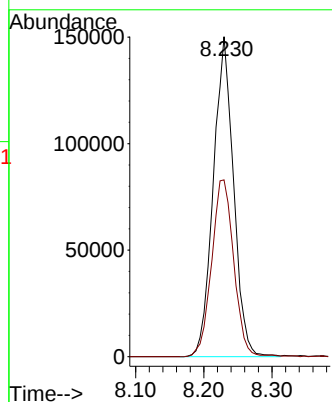
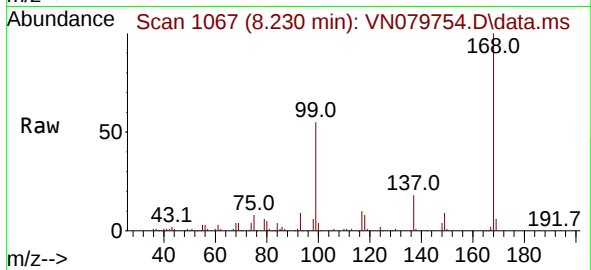




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

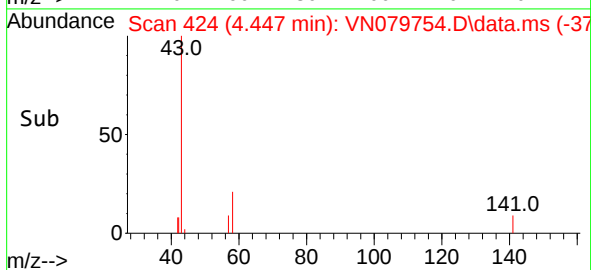
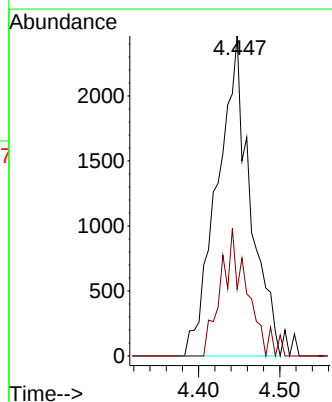
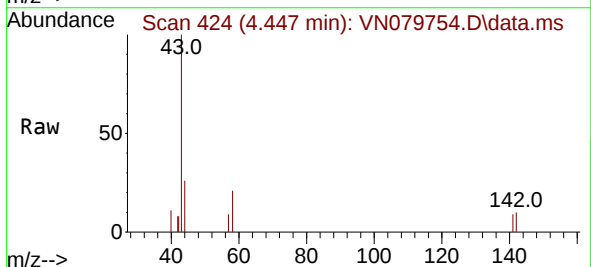
Instrument :
MSVOA_N
ClientSampleId :
1078ME

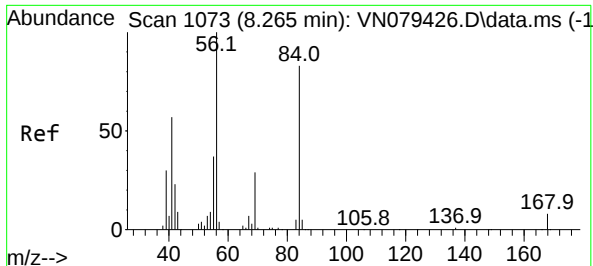
Tgt Ion:168 Resp: 310631
Ion Ratio Lower Upper
168 100
99 55.3 53.0 79.6



#16
Acetone
Concen: 3.241 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

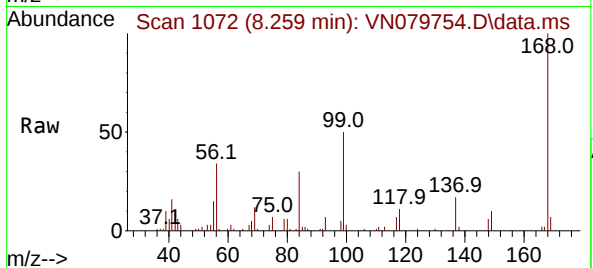
Tgt Ion: 43 Resp: 6916
Ion Ratio Lower Upper
43 100
58 20.9 28.0 42.0#



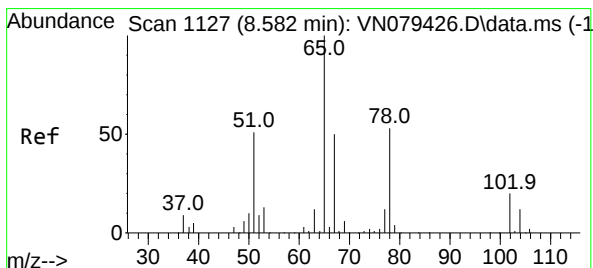
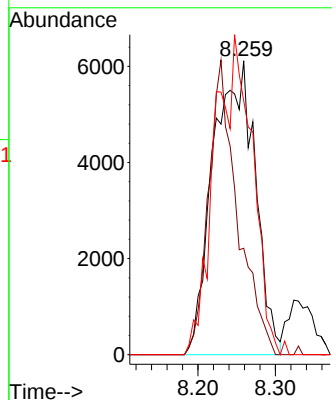
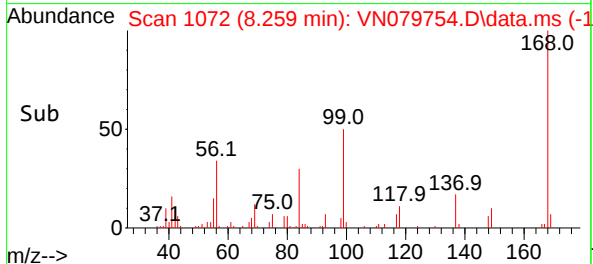


#31
Cyclohexane
Concen: 3.384 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Instrument :
MSVOA_N
ClientSampleId :
1078ME

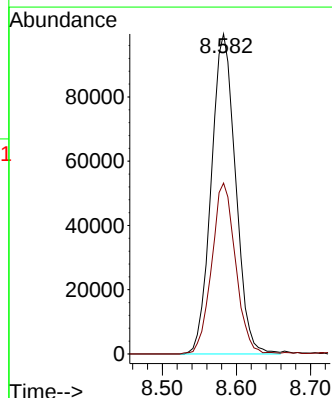
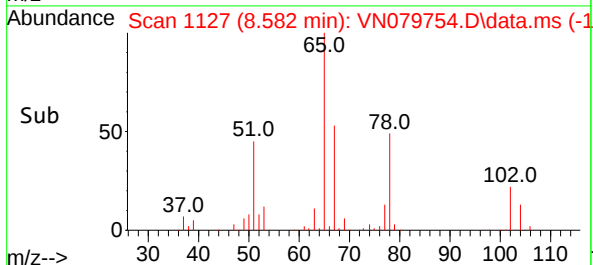
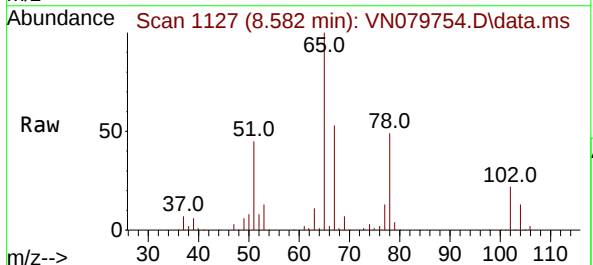


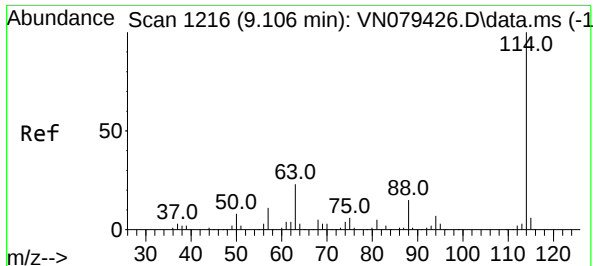
Tgt Ion: 56 Resp: 23030
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 86.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 45.441 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Tgt Ion: 65 Resp: 226677
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079754.D

Acq: 31 Oct 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

1078ME

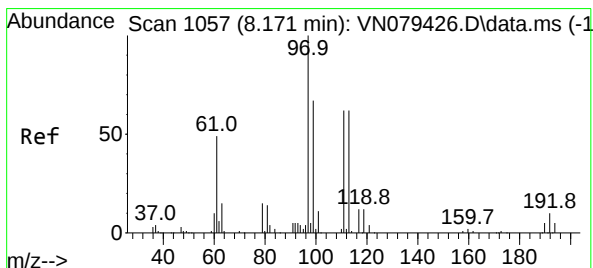
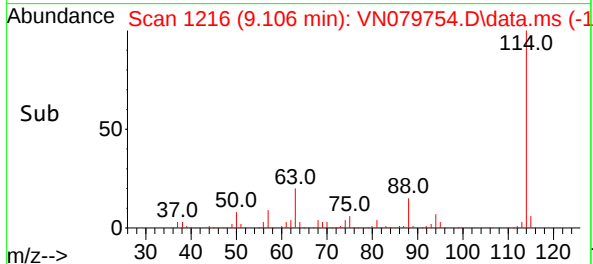
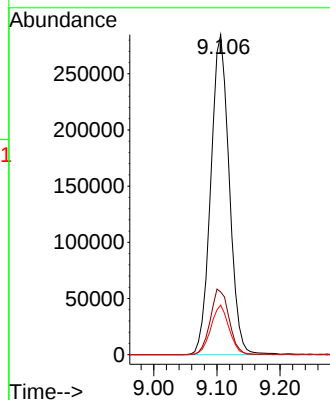
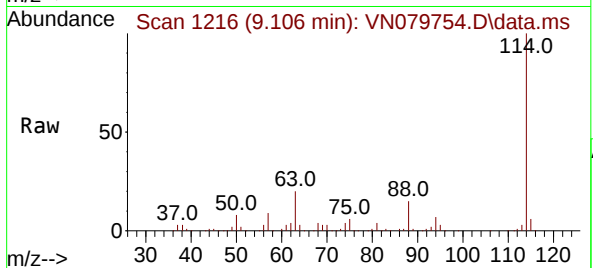
Tgt Ion:114 Resp: 578084

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.735 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079754.D

Acq: 31 Oct 2023 19:19

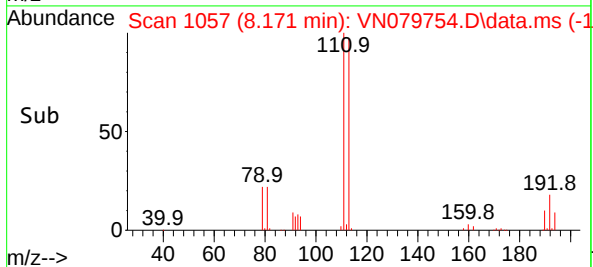
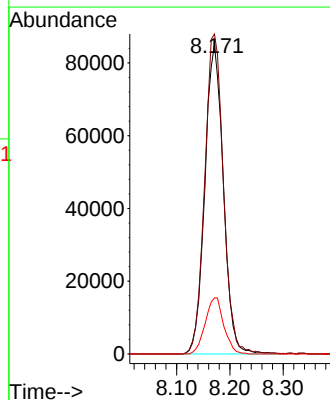
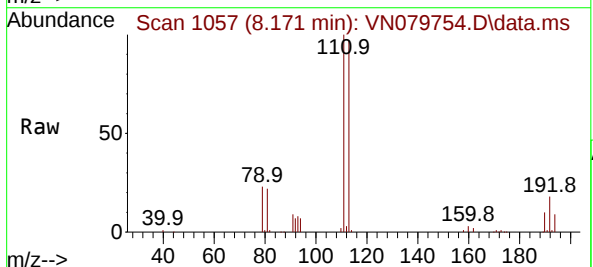
Tgt Ion:113 Resp: 205442

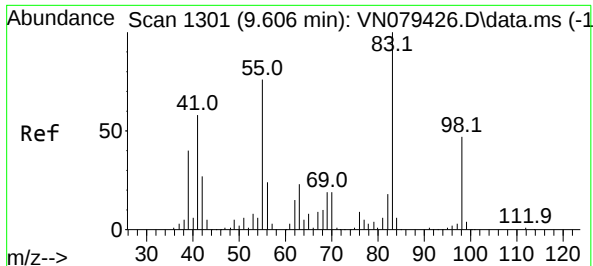
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 18.1 12.7 19.1





#39

Methylcyclohexane

Concen: 4.771 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079754.D

Acq: 31 Oct 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

1078ME

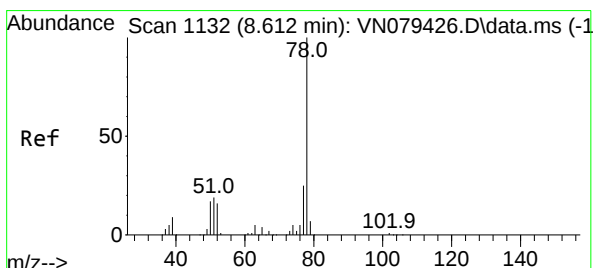
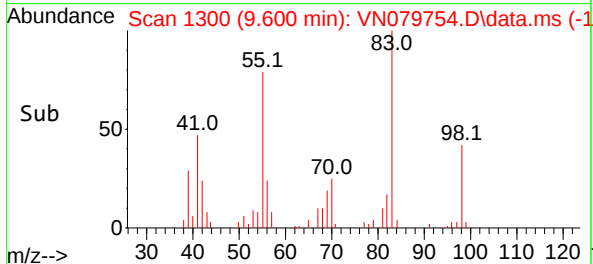
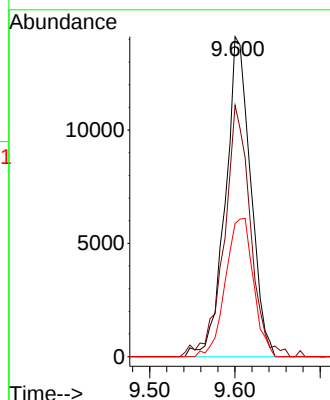
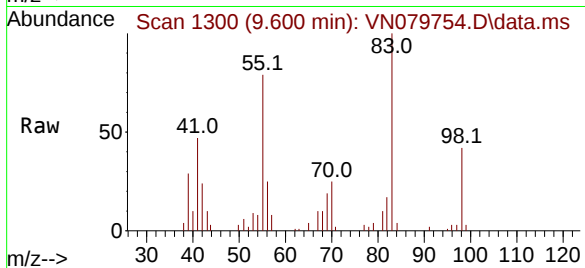
Tgt Ion: 83 Resp: 29083

Ion Ratio Lower Upper

83 100

55 78.6 49.1 73.7#

98 41.6 40.6 61.0



#40

Benzene

Concen: 32.784 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079754.D

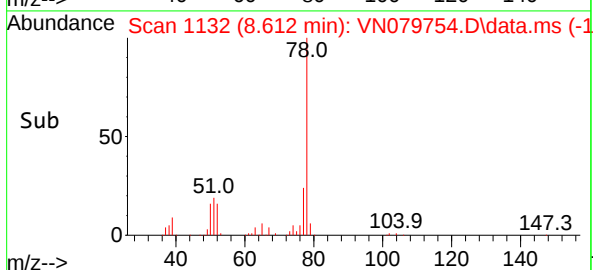
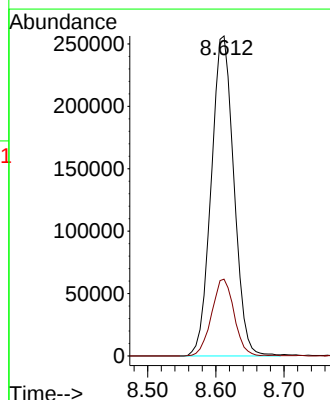
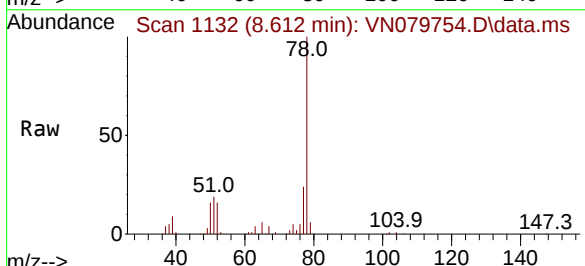
Acq: 31 Oct 2023 19:19

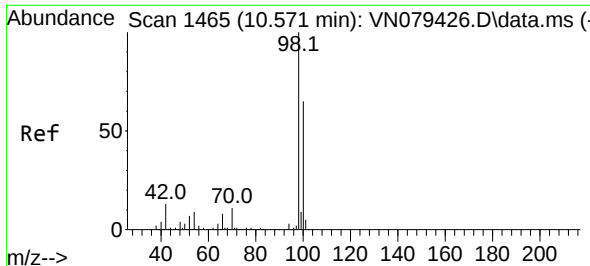
Tgt Ion: 78 Resp: 592931

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

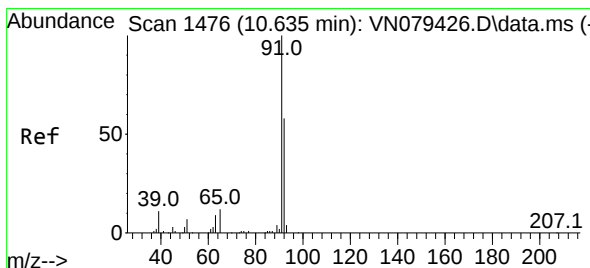
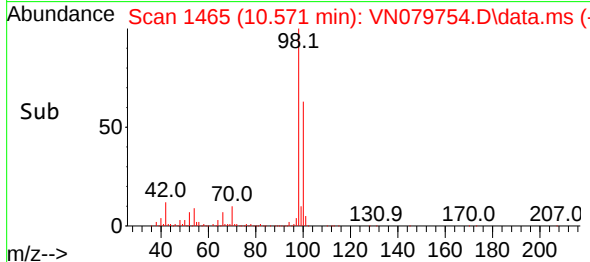
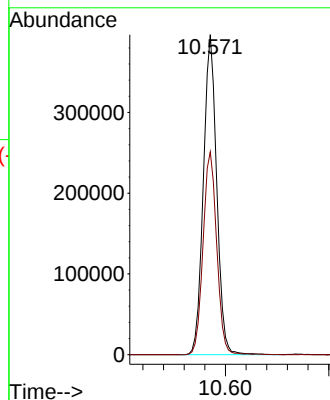
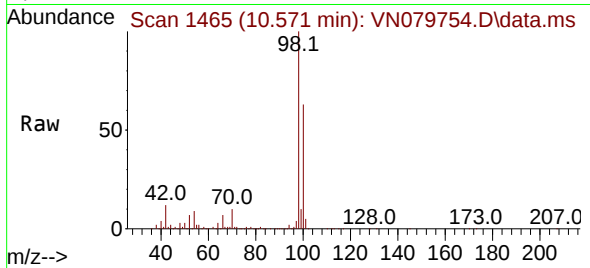




#50
Toluene-d8
Concen: 46.032 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

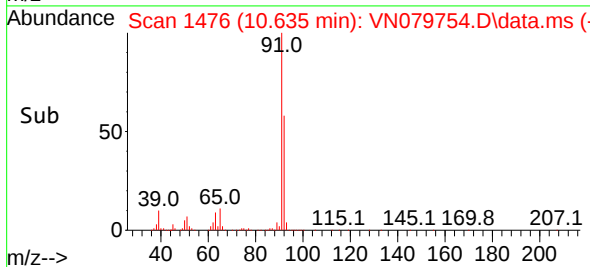
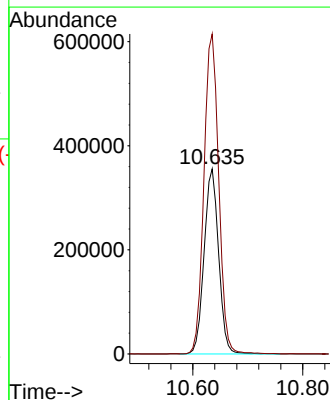
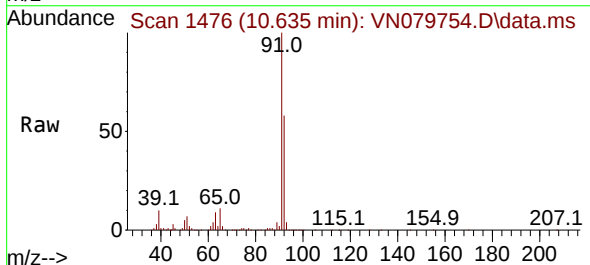
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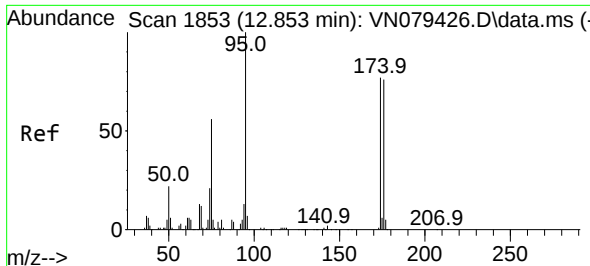
Tgt Ion: 98 Resp: 708833
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#52
Toluene
Concen: 58.907 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Tgt Ion: 92 Resp: 650420
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0

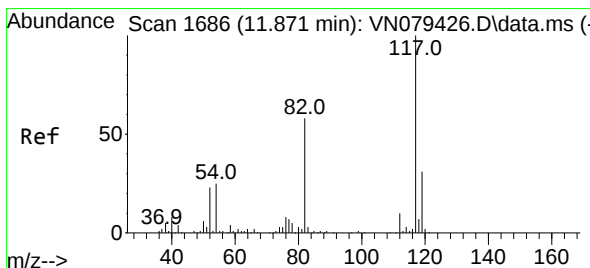
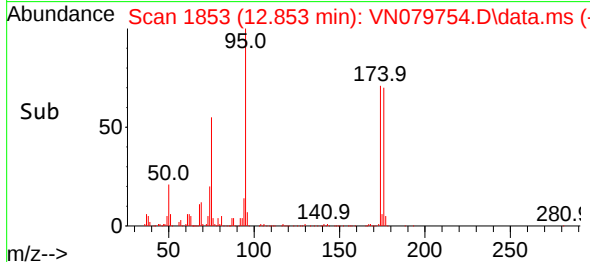
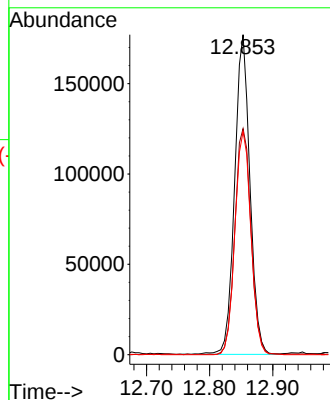
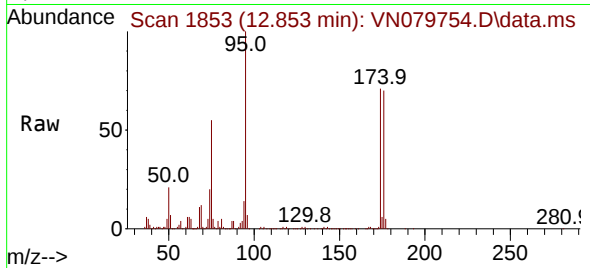




#62
4-Bromofluorobenzene
Concen: 61.299 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

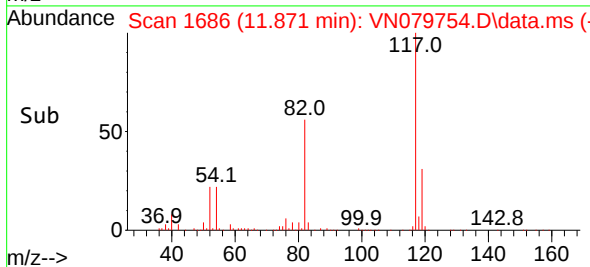
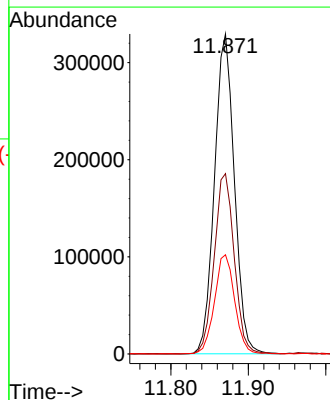
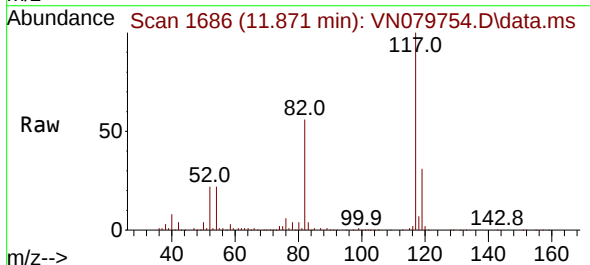
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MSVOA_N
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1078ME

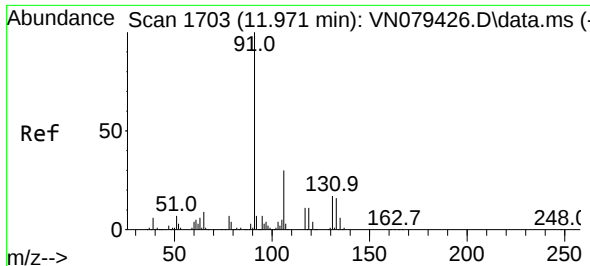
Tgt Ion: 95 Resp: 297253
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Tgt Ion: 117 Resp: 586909
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 30.9 25.6 38.4





#67

Ethyl Benzene

Concen: 7.946 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079754.D

Acq: 31 Oct 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

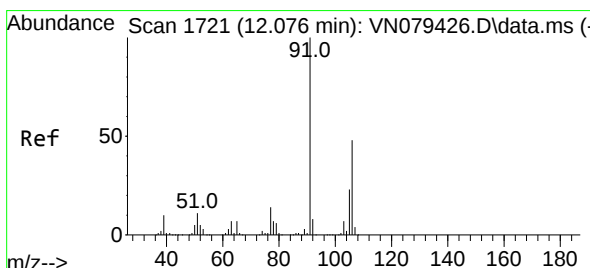
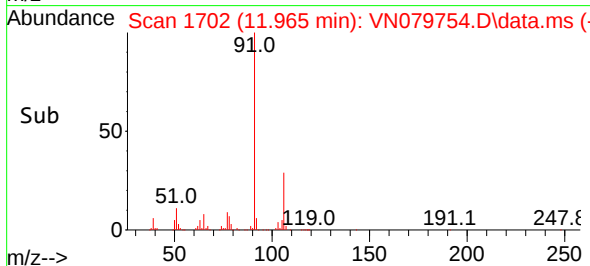
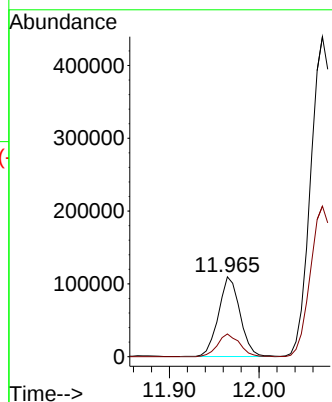
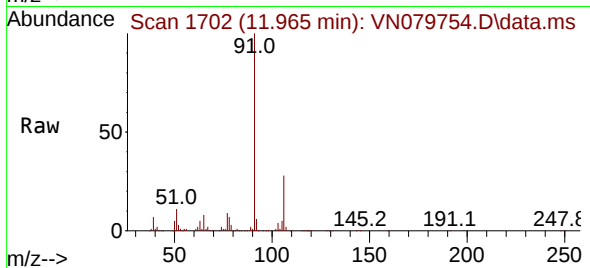
1078ME

Tgt Ion: 91 Resp: 181858

Ion Ratio Lower Upper

91 100

106 28.6 25.6 38.4



#68

m/p-Xylenes

Concen: 46.609 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN079754.D

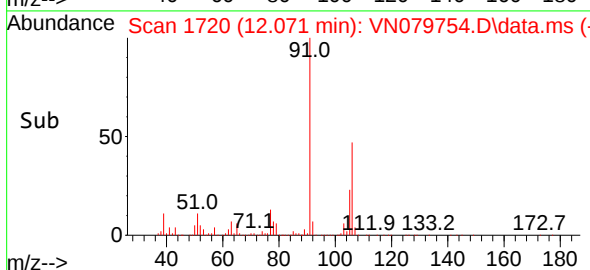
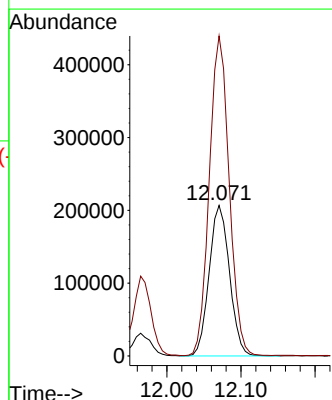
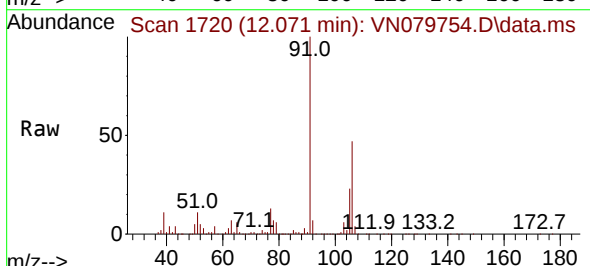
Acq: 31 Oct 2023 19:19

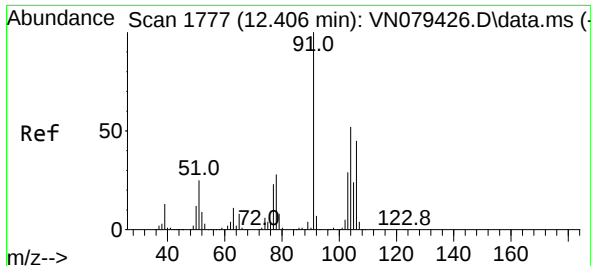
Tgt Ion:106 Resp: 394521

Ion Ratio Lower Upper

106 100

91 207.2 159.6 239.4

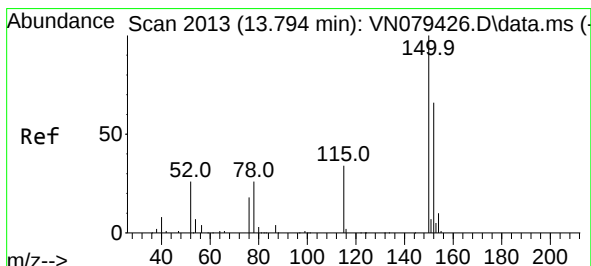
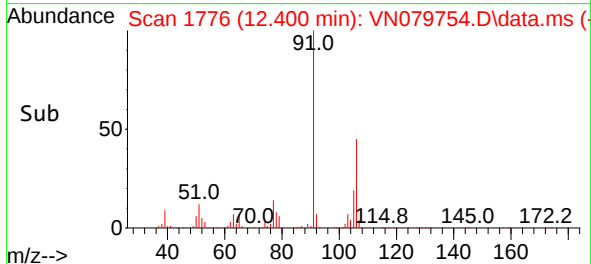
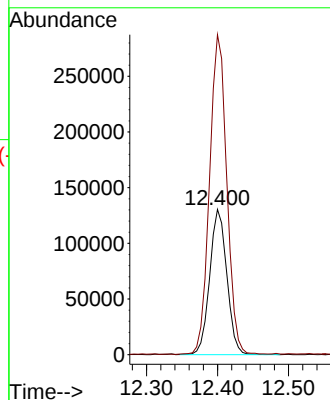
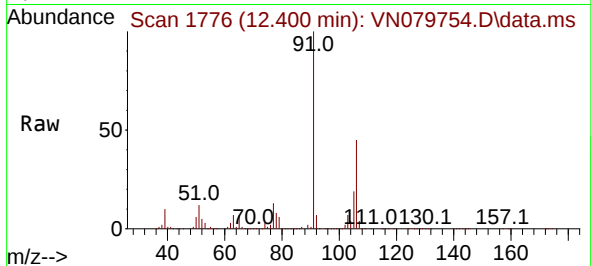




#69
o-Xylene
Concen: 26.874 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

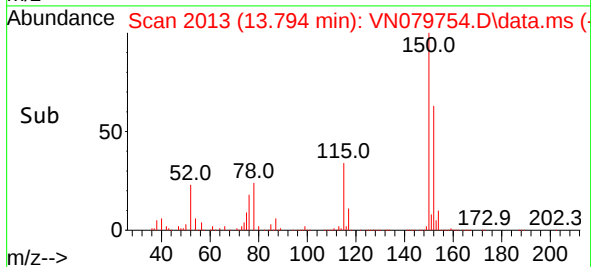
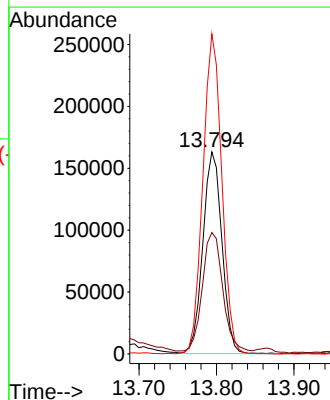
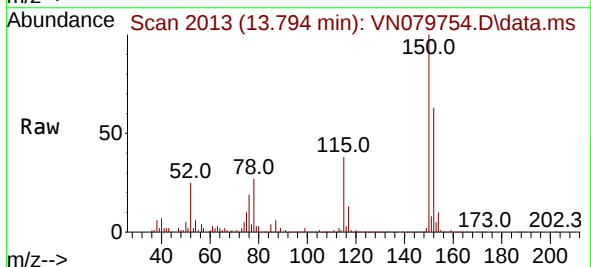
Instrument :
MSVOA_N
ClientSampleId :
1078ME

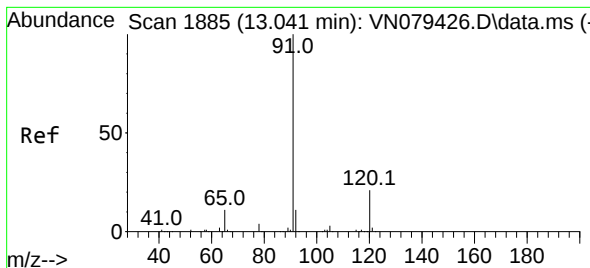
Tgt Ion:106 Resp: 218738
Ion Ratio Lower Upper
106 100
91 221.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Tgt Ion:152 Resp: 278713
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.9 0.0 355.8





#78

n-propylbenzene

Concen: 1.602 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079754.D

Acq: 31 Oct 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

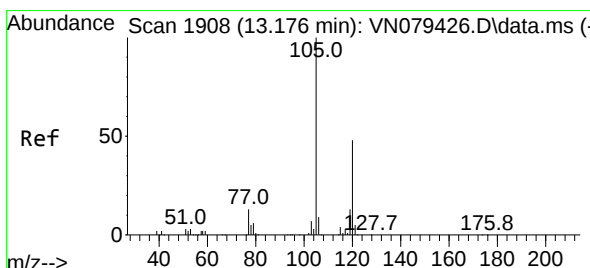
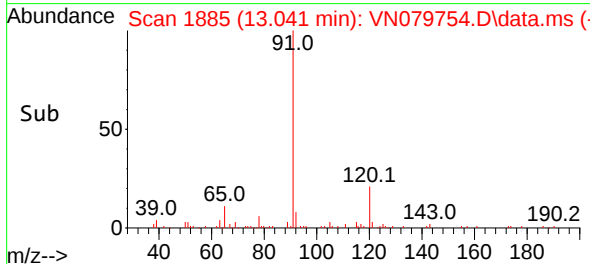
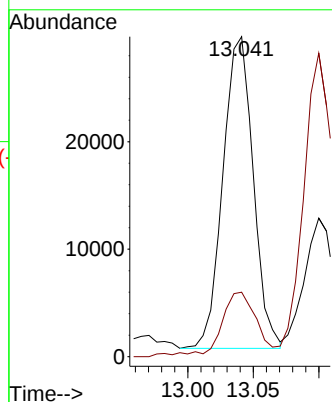
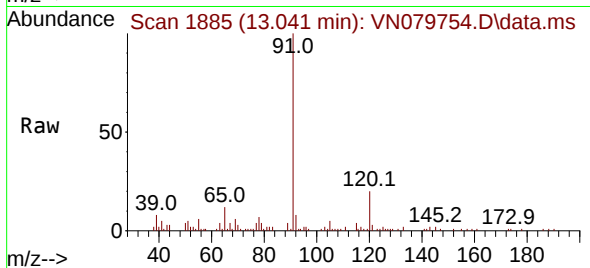
1078ME

Tgt Ion: 91 Resp: 46594

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 8.600 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079754.D

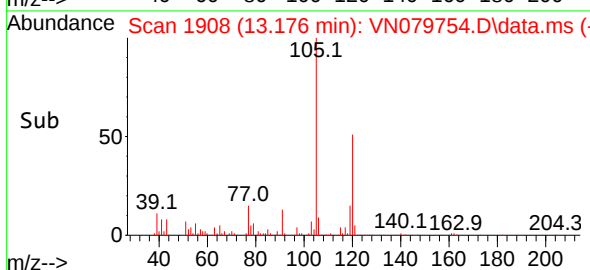
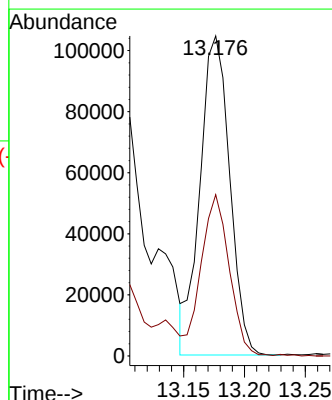
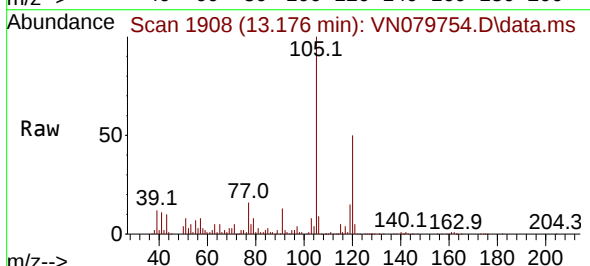
Acq: 31 Oct 2023 19:19

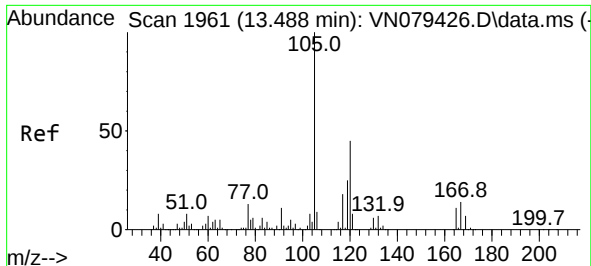
Tgt Ion: 105 Resp: 176971

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

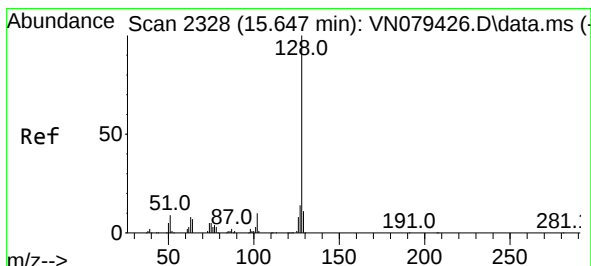
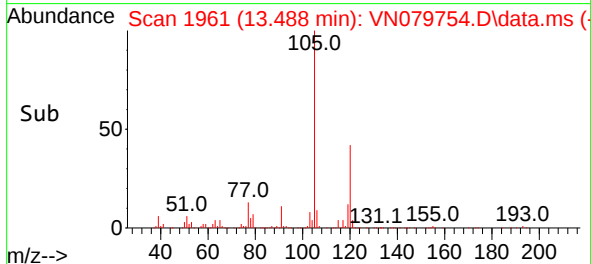
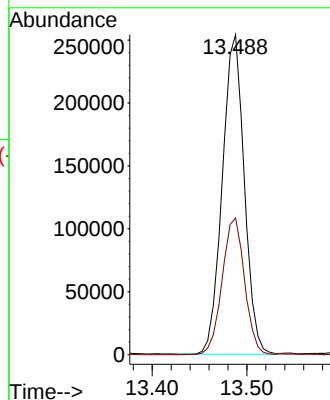
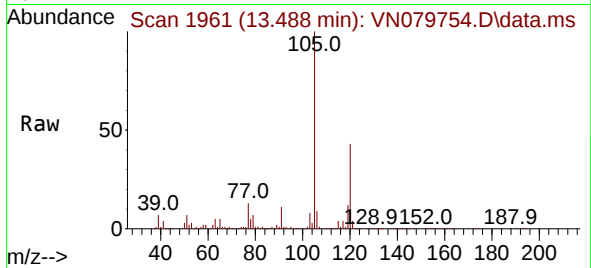




#84
1,2,4-Trimethylbenzene
Concen: 20.613 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Instrument :
MSVOA_N
ClientSampleId :
1078ME

Tgt Ion:105 Resp: 409219
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0



#95
Naphthalene
Concen: 455.084 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079754.D
Acq: 31 Oct 2023 19:19

Tgt Ion:128 Resp: 3846988
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

