

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079753.D
 Acq On : 31 Oct 2023 18:55
 Operator : JC\MD
 Sample : 05107-07ME 20X
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1077ME

Quant Time: Nov 01 01:25:11 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)

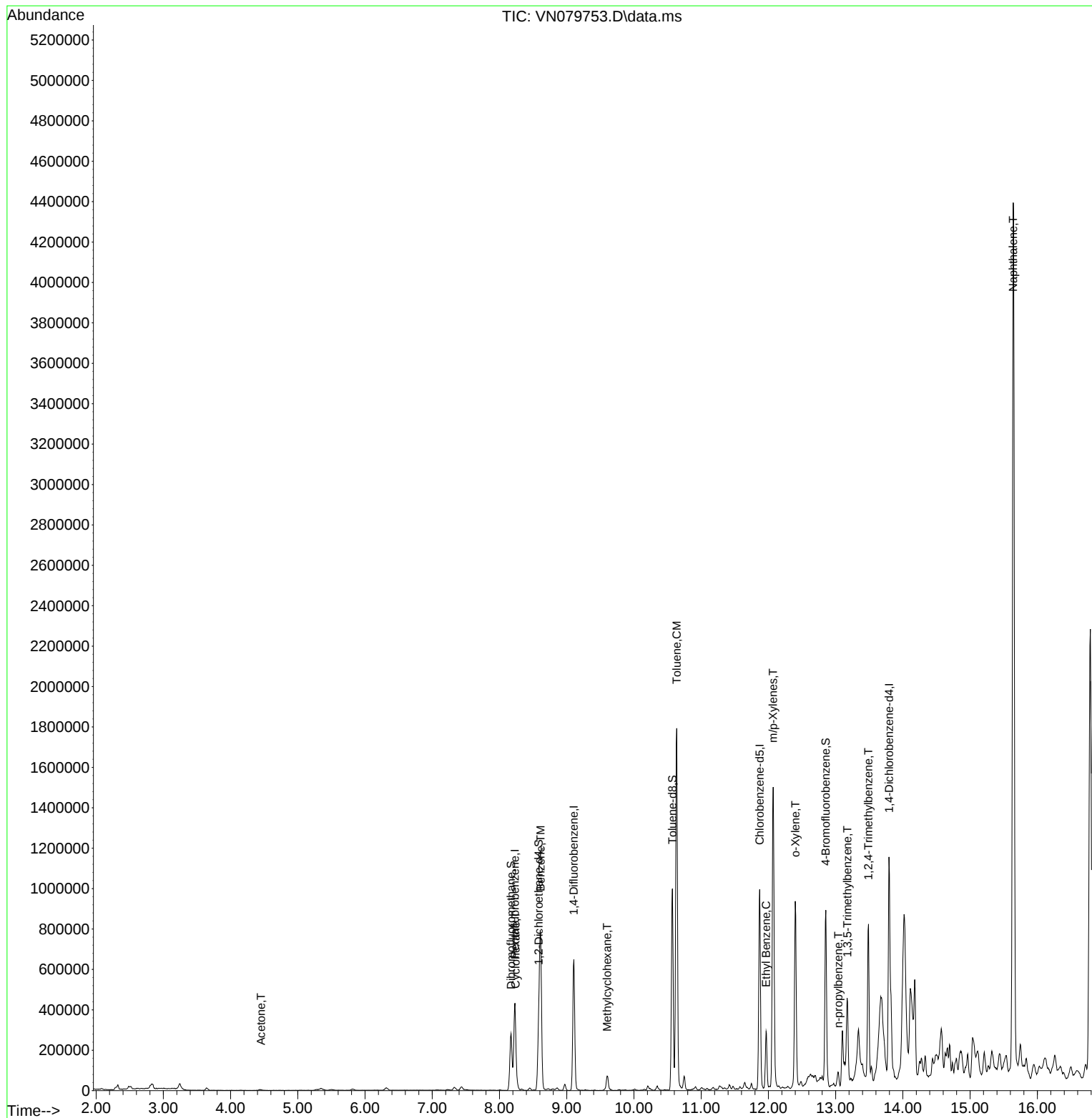
Internal Standards						
1) Pentafluorobenzene	8.230	168	290601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	552196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	566233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	217173	46.536	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.080%		
35) Dibromofluoromethane	8.171	113	200843	50.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.571	98	667197	45.360	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.720%		
62) 4-Bromofluorobenzene	12.853	95	292236	63.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	126.180%#		
Target Compounds					Qvalue	
16) Acetone	4.453	43	7343	3.678	ug/l #	69
31) Cyclohexane	8.241	56	21725	3.412	ug/l #	77
39) Methylcyclohexane	9.600	83	29230	5.020	ug/l #	80
40) Benzene	8.612	78	749286	43.371	ug/l	99
52) Toluene	10.635	92	781579	74.105	ug/l	99
67) Ethyl Benzene	11.965	91	201324	9.118	ug/l	97
68) m/p-Xylenes	12.071	106	442083	54.135	ug/l	95
69) o-Xylene	12.400	106	244189	31.097	ug/l	92
78) n-propylbenzene	13.041	91	52460	1.808	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	183571	8.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	443719	22.399	ug/l	98
95) Naphthalene	15.641	128	3882578	460.294	ug/l	99

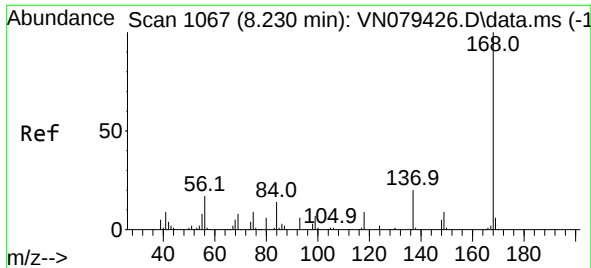
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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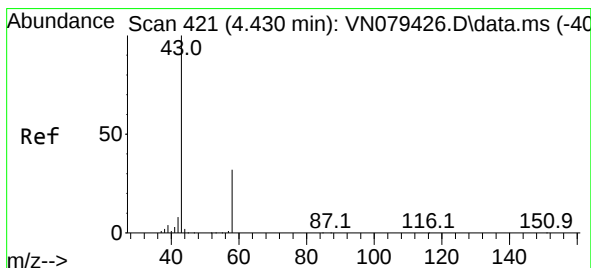
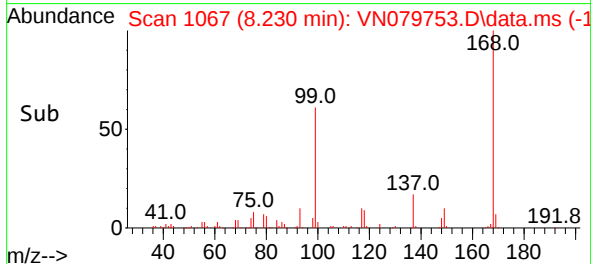
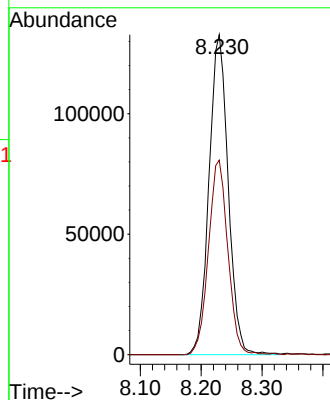
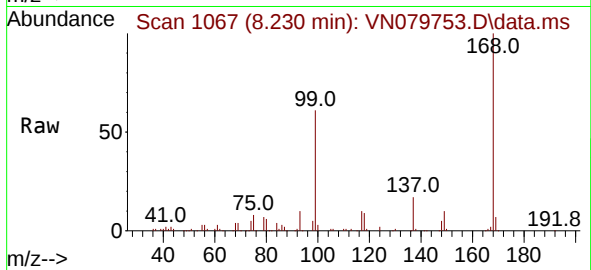




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

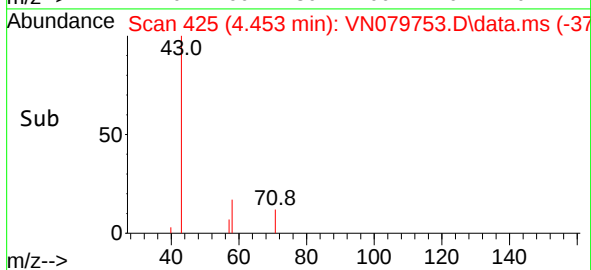
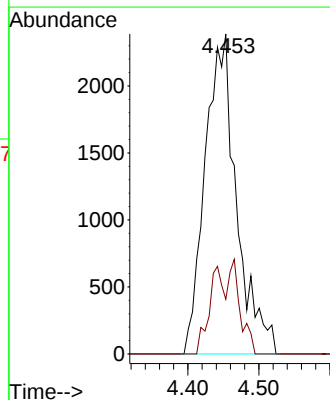
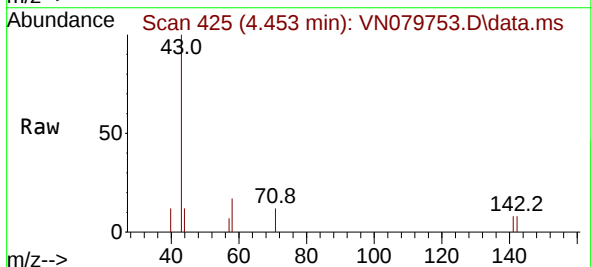
Instrument :
MSVOA_N
ClientSampleId :
1077ME

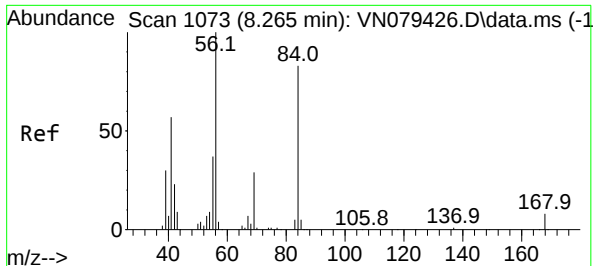
Tgt Ion:168 Resp: 290601
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#16
Acetone
Concen: 3.678 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

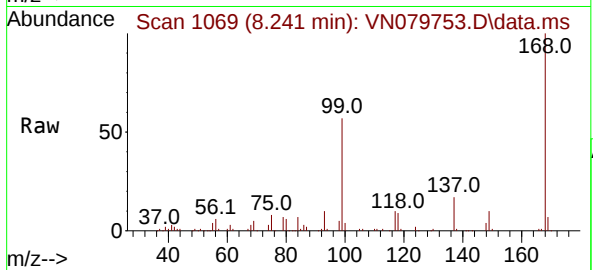
Tgt Ion: 43 Resp: 7343
Ion Ratio Lower Upper
43 100
58 17.1 28.0 42.0#



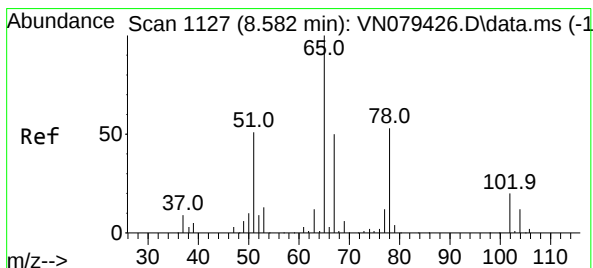
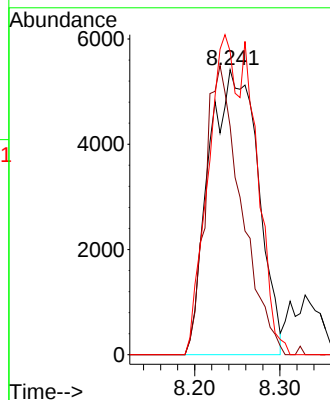
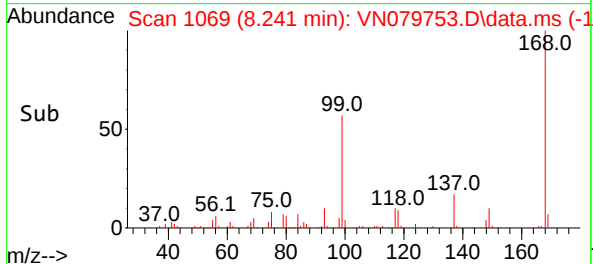


#31
Cyclohexane
Concen: 3.412 ug/l
RT: 8.241 min Scan# 1073
Delta R.T. -0.024 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
1077ME

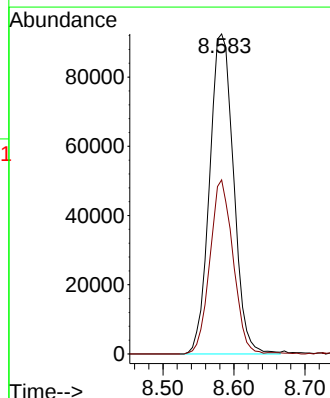
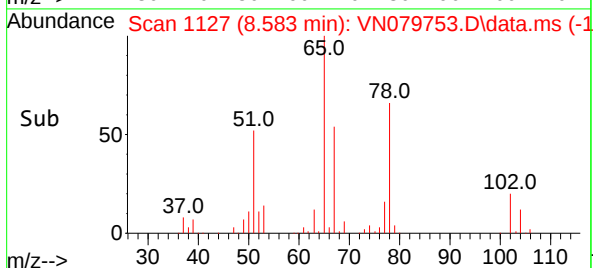
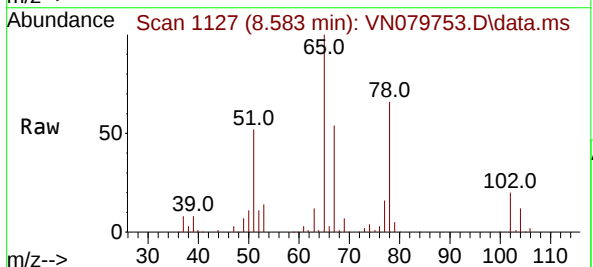


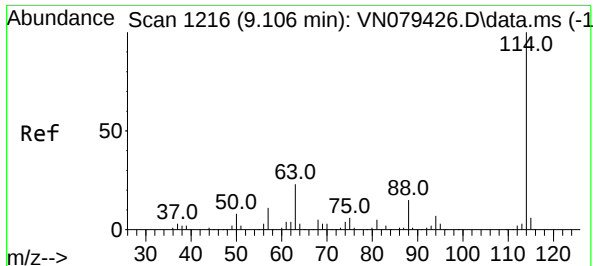
Tgt Ion: 56 Resp: 21725
Ion Ratio Lower Upper
56 100
69 80.1 26.8 40.2#
84 106.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 46.536 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

Tgt Ion: 65 Resp: 217173
Ion Ratio Lower Upper
65 100
67 52.4 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: VN079753.D

Acq: 31 Oct 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

1077ME

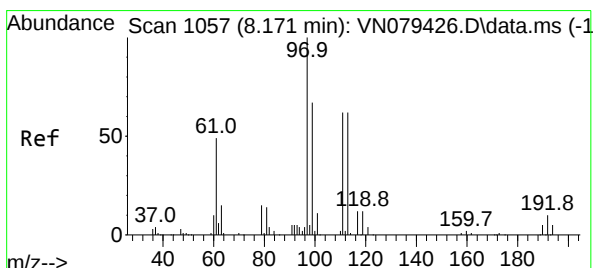
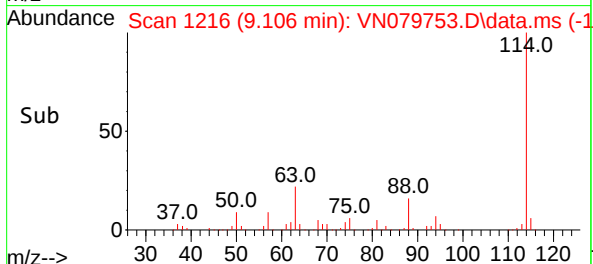
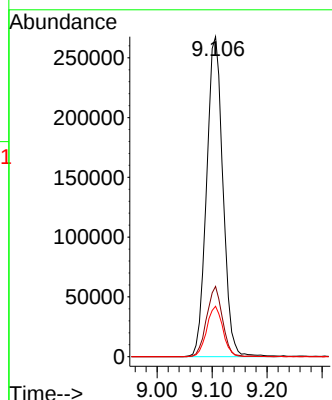
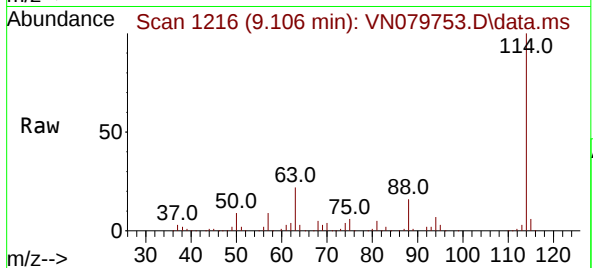
Tgt Ion:114 Resp: 552196

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079753.D

Acq: 31 Oct 2023 18:55

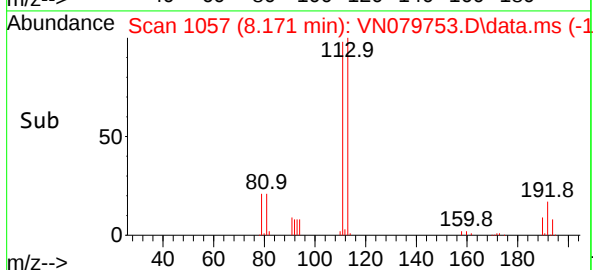
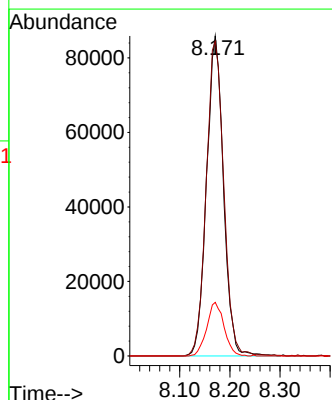
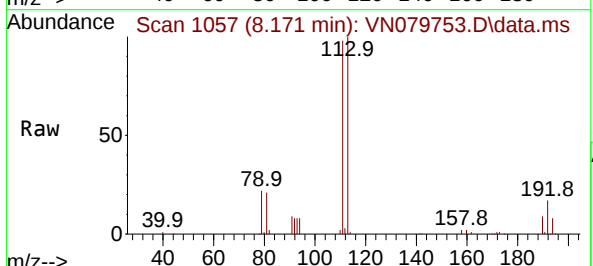
Tgt Ion:113 Resp: 200843

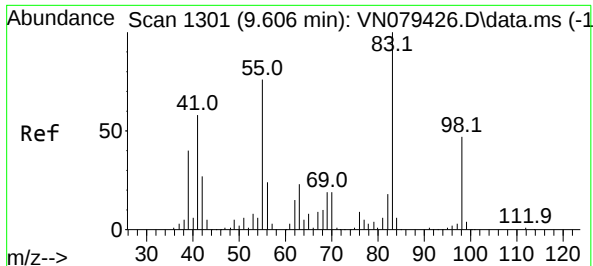
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 17.2 12.7 19.1





#39

Methylcyclohexane

Concen: 5.020 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079753.D

Acq: 31 Oct 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

1077ME

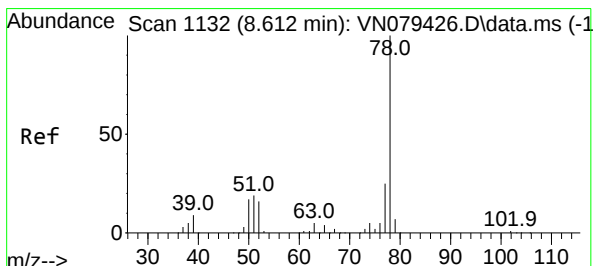
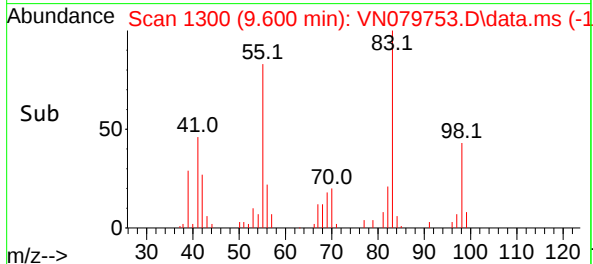
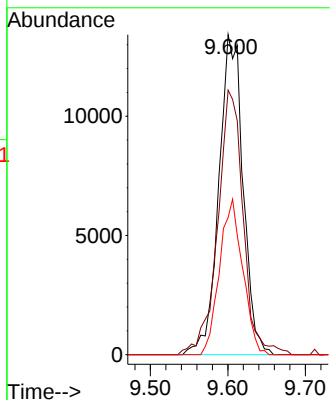
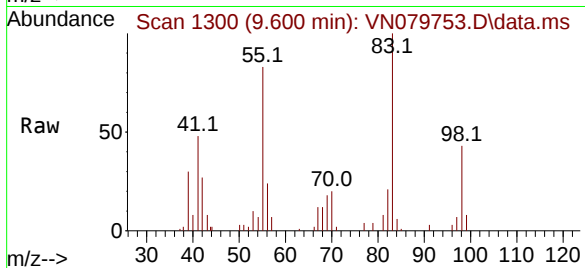
Tgt Ion: 83 Resp: 29230

Ion Ratio Lower Upper

83 100

55 82.6 49.1 73.7#

98 42.9 40.6 61.0



#40

Benzene

Concen: 43.371 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079753.D

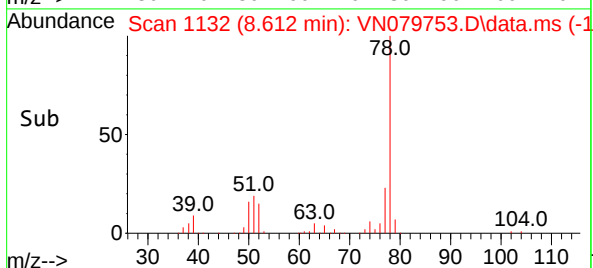
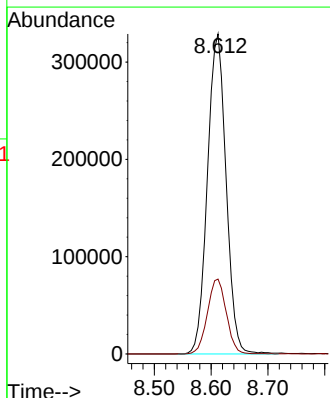
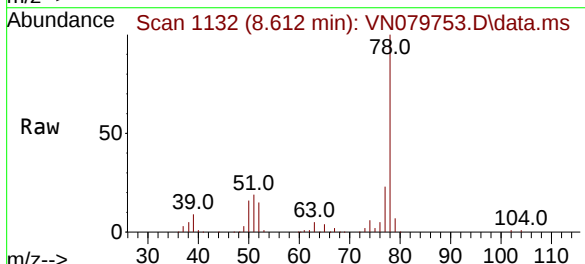
Acq: 31 Oct 2023 18:55

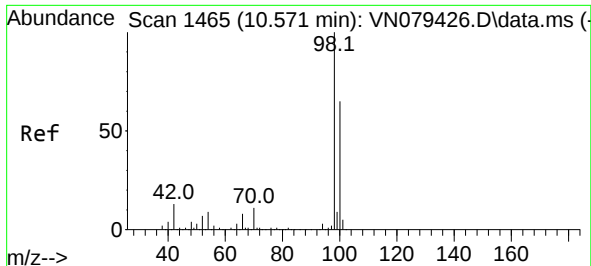
Tgt Ion: 78 Resp: 749286

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

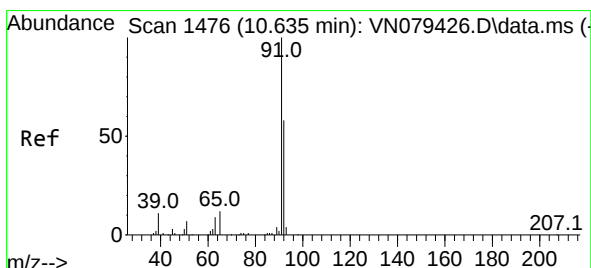
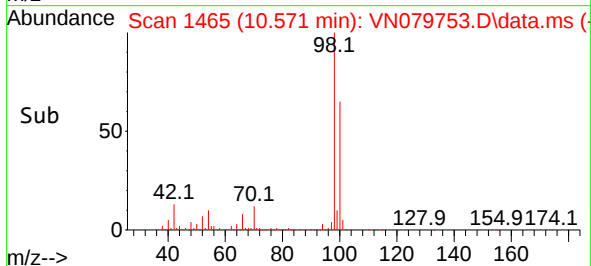
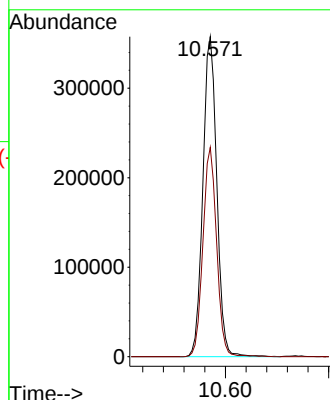
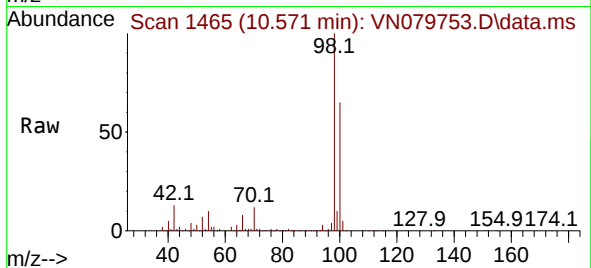




#50
Toluene-d8
Concen: 45.360 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

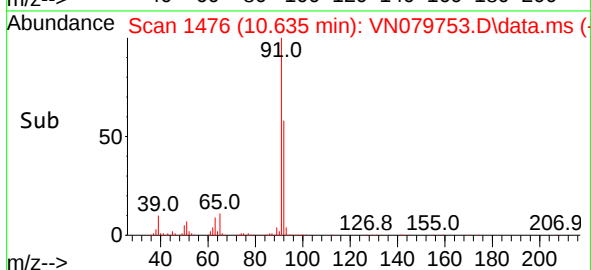
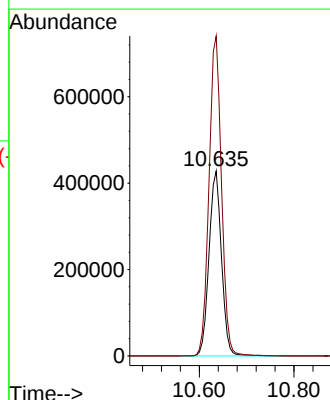
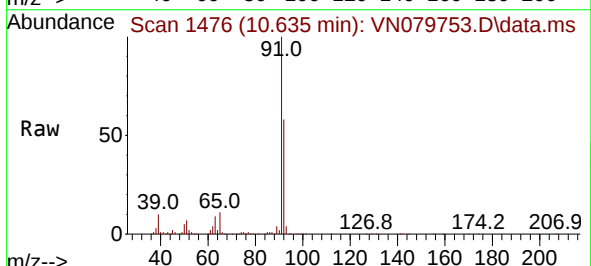
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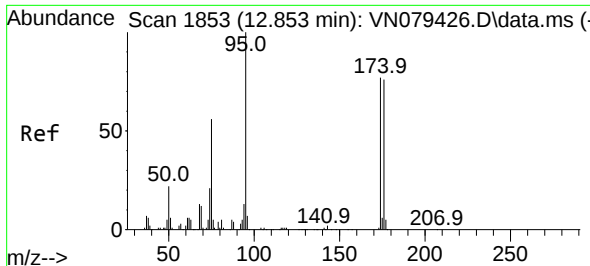
Tgt Ion: 98 Resp: 667197
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 74.105 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

Tgt Ion: 92 Resp: 781579
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0

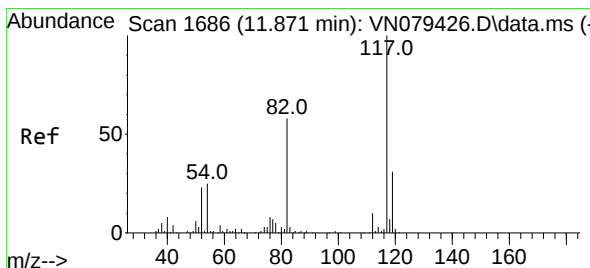
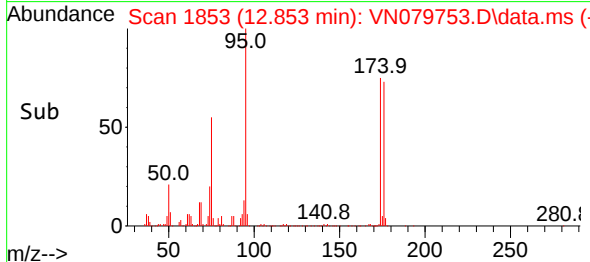
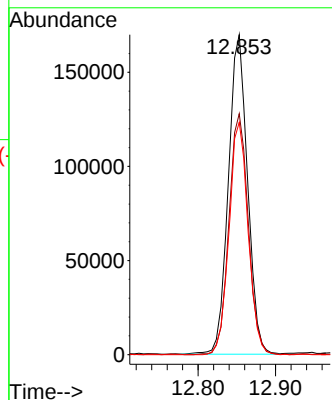
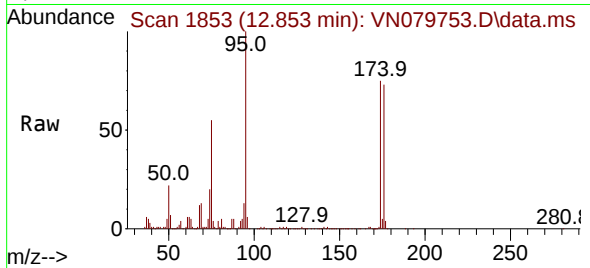




#62
4-Bromofluorobenzene
Concen: 63.090 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

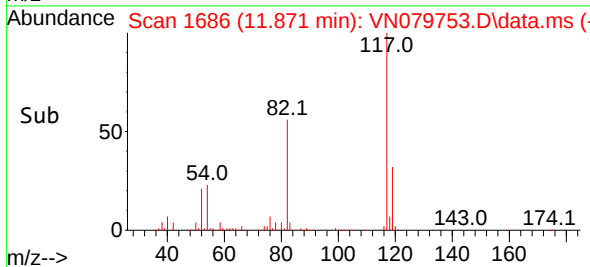
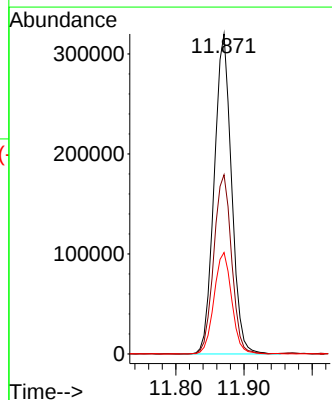
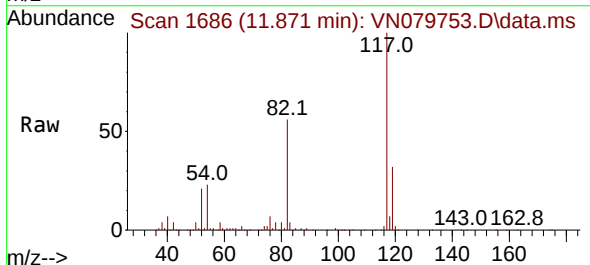
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ClientSampleId :
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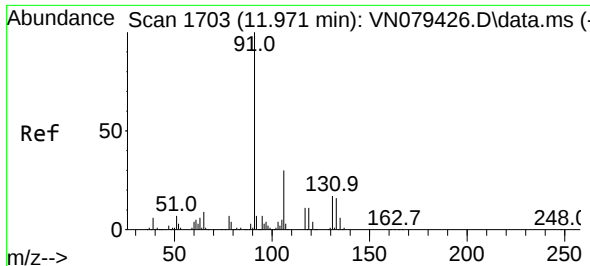
Tgt Ion: 95 Resp: 292236
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

Tgt Ion: 117 Resp: 566233
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.7 25.6 38.4





#67

Ethyl Benzene

Concen: 9.118 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079753.D

Acq: 31 Oct 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

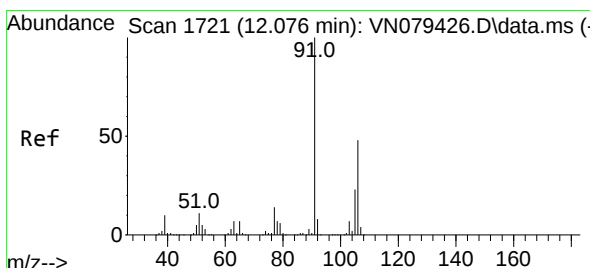
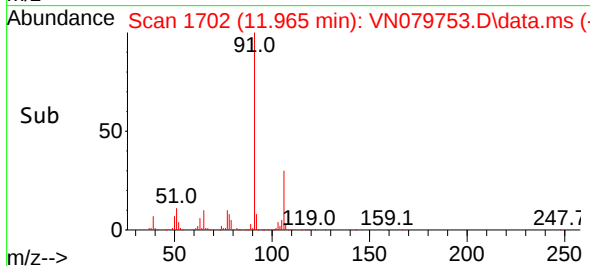
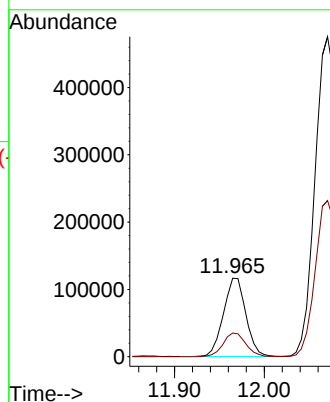
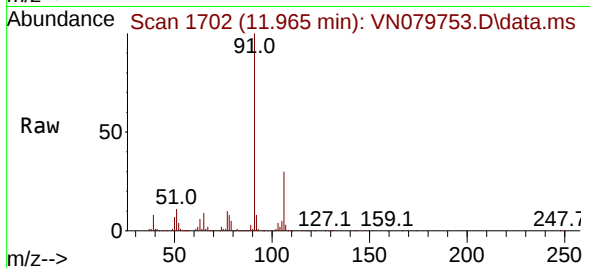
1077ME

Tgt Ion: 91 Resp: 201324

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 54.135 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN079753.D

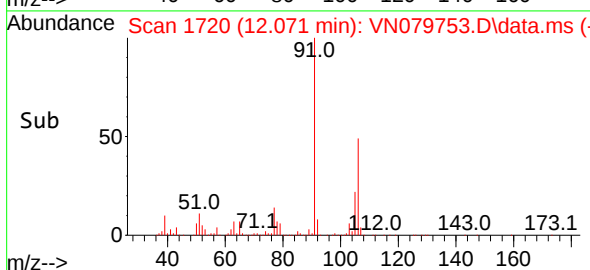
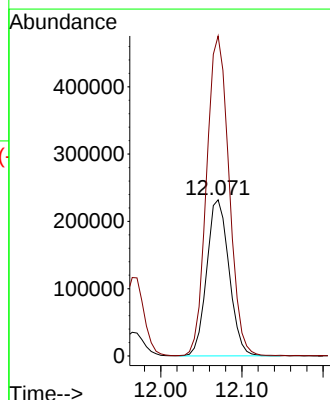
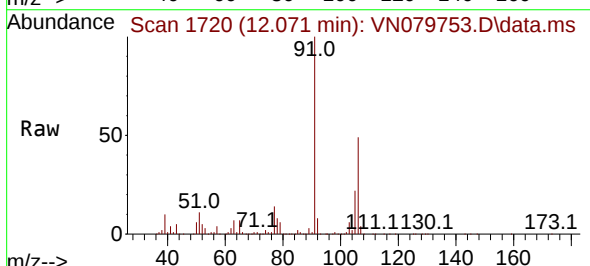
Acq: 31 Oct 2023 18:55

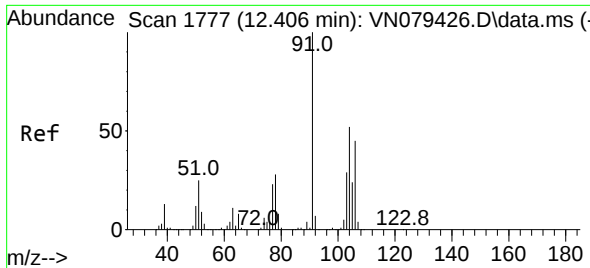
Tgt Ion:106 Resp: 442083

Ion Ratio Lower Upper

106 100

91 206.4 159.6 239.4

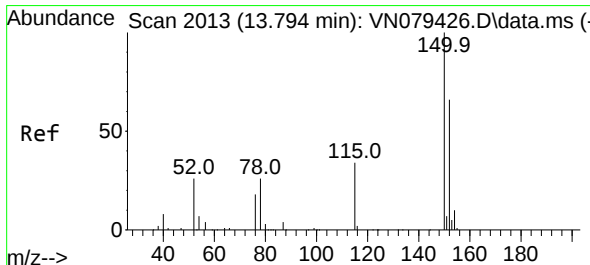
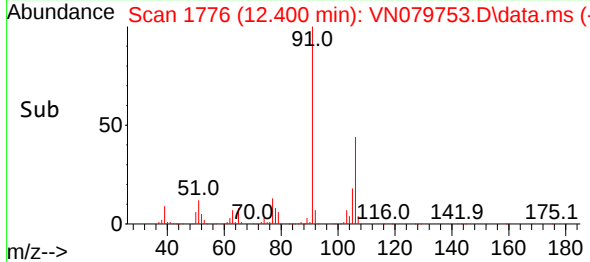
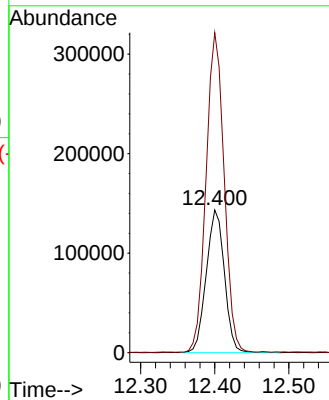
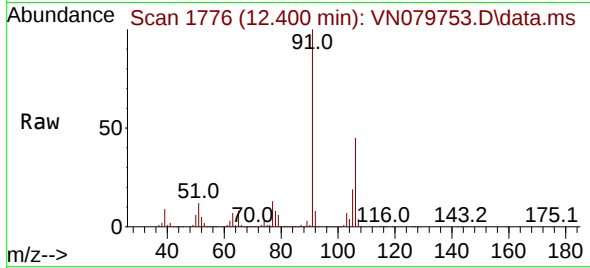




#69
o-Xylene
Concen: 31.097 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

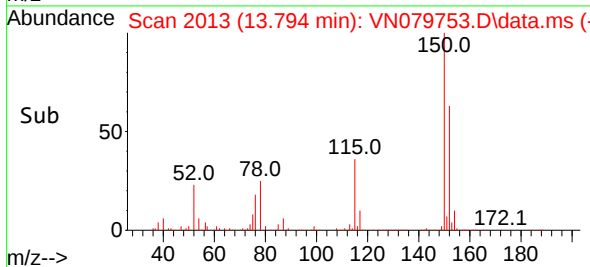
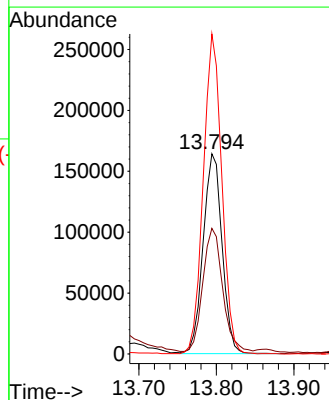
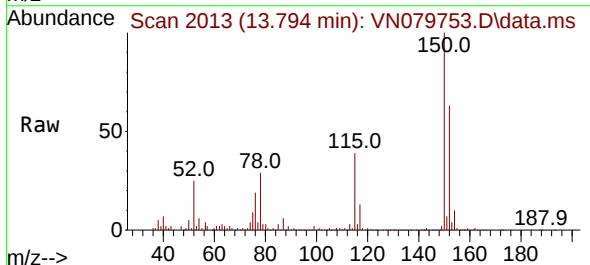
Instrument :
MSVOA_N
ClientSampleId :
1077ME

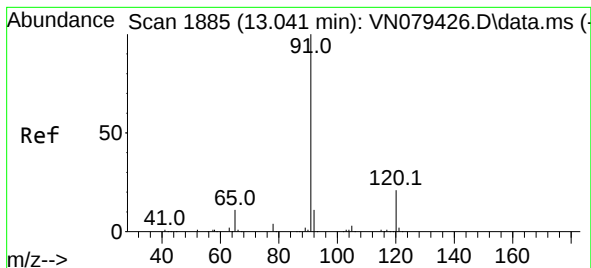
Tgt Ion:106 Resp: 244189
Ion Ratio Lower Upper
106 100
91 222.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079753.D
Acq: 31 Oct 2023 18:55

Tgt Ion:152 Resp: 278108
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 156.0 0.0 355.8





#78

n-propylbenzene

Concen: 1.808 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079753.D

Acq: 31 Oct 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

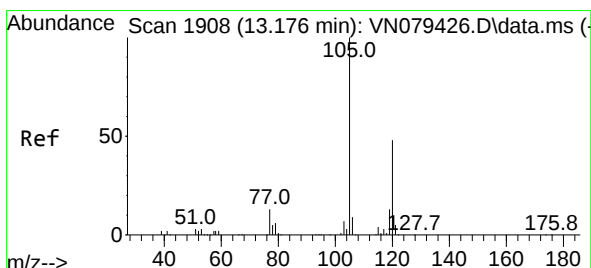
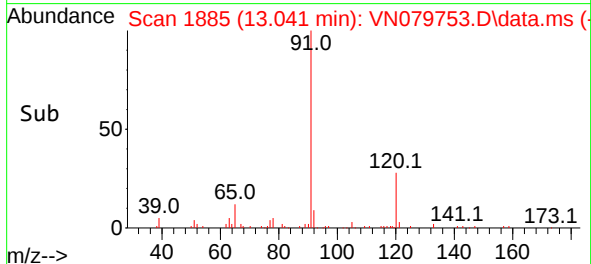
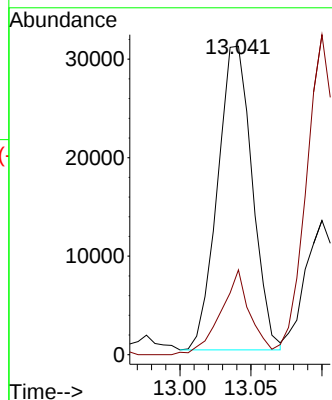
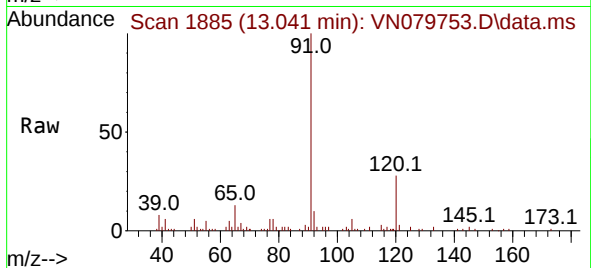
1077ME

Tgt Ion: 91 Resp: 52460

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 8.940 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079753.D

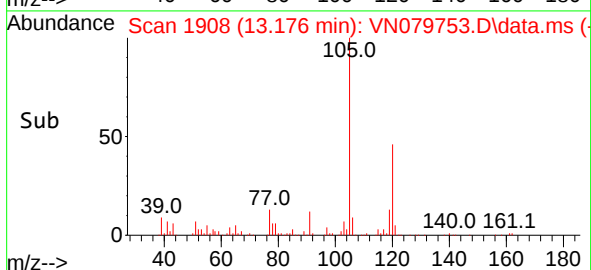
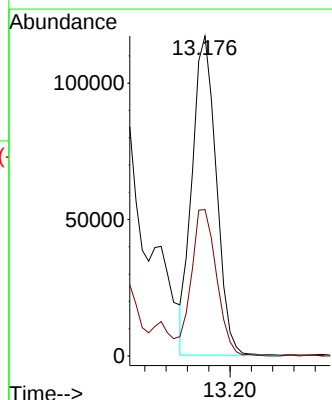
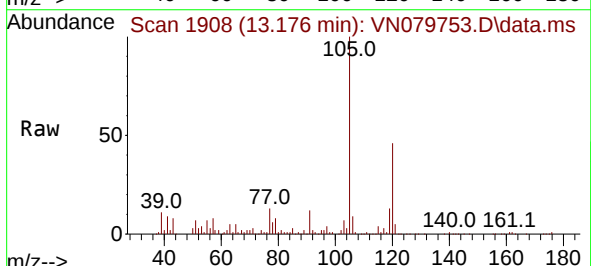
Acq: 31 Oct 2023 18:55

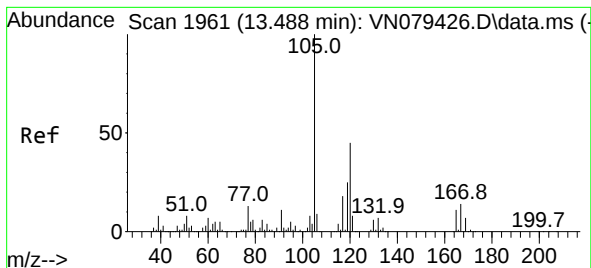
Tgt Ion: 105 Resp: 183571

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 22.399 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079753.D

Acq: 31 Oct 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

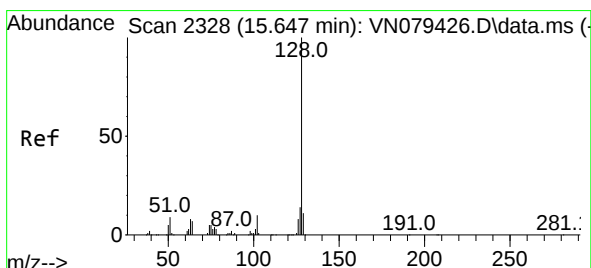
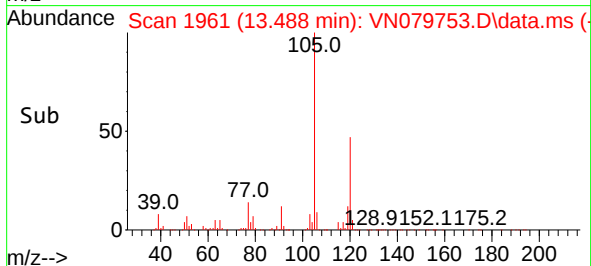
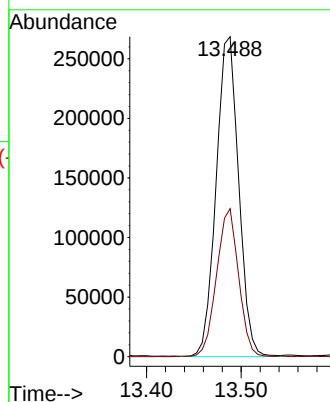
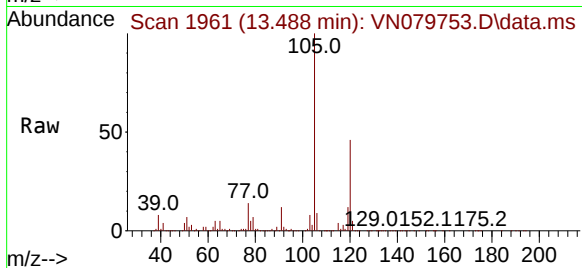
1077ME

Tgt Ion:105 Resp: 443719

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0



#95

Naphthalene

Concen: 460.294 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079753.D

Acq: 31 Oct 2023 18:55

Tgt Ion:128 Resp: 3882578

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1

