

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079756.D
 Acq On : 31 Oct 2023 20:07
 Operator : JC\MD
 Sample : 05107-10ME 20X
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1080ME

Quant Time: Nov 01 01:26:40 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	304206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	569197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	582695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222160	45.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	8.171	113	209028	51.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.780%
50) Toluene-d8	10.571	98	695490	45.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.853	95	289291	60.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.180%

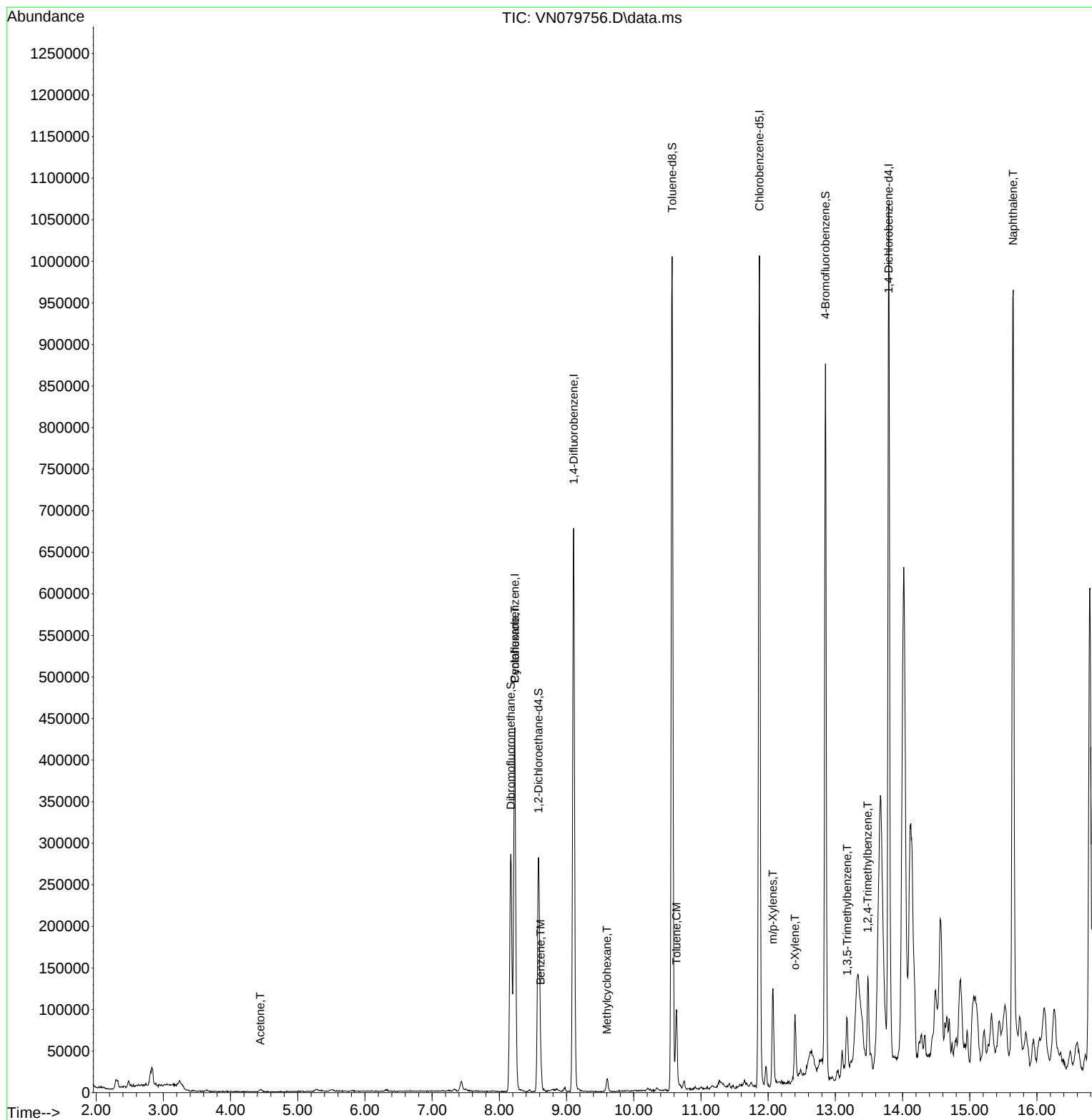
Target Compounds				Qvalue		
16) Acetone	4.442	43	6156	2.945	ug/l #	73
31) Cyclohexane	8.230	56	10306	1.546	ug/l #	41
39) Methylcyclohexane	9.600	83	6032	1.005	ug/l	85
40) Benzene	8.612	78	32439	1.822	ug/l	100
52) Toluene	10.635	92	38992	3.587	ug/l	98
68) m/p-Xylenes	12.071	106	32684	3.889	ug/l	95
69) o-Xylene	12.400	106	21961	2.718	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	27688	1.422	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	57926	3.084	ug/l	99
95) Naphthalene	15.647	128	805240	100.685	ug/l	99

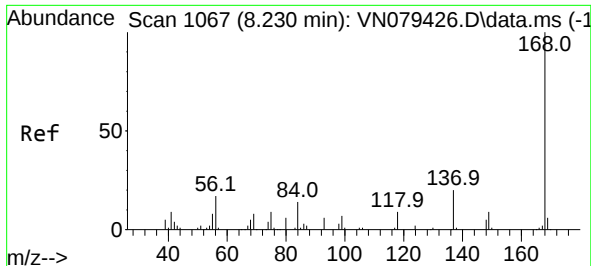
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079756.D
Acq On : 31 Oct 2023 20:07
Operator : JC\MD
Sample : 05107-10ME 20X
Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1080ME

Quant Time: Nov 01 01:26:40 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

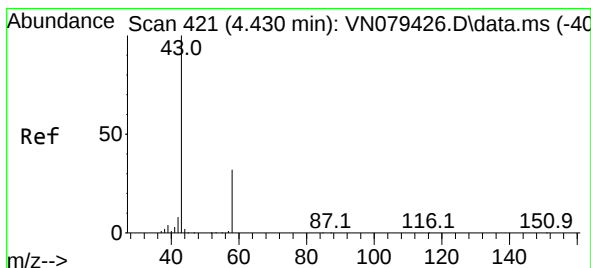
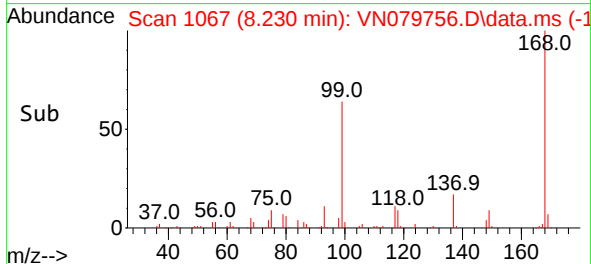
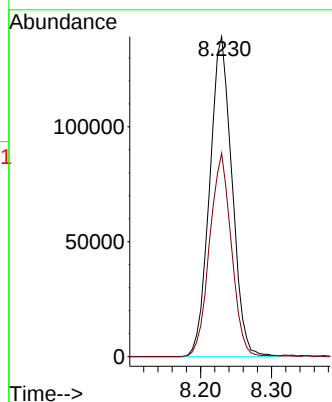
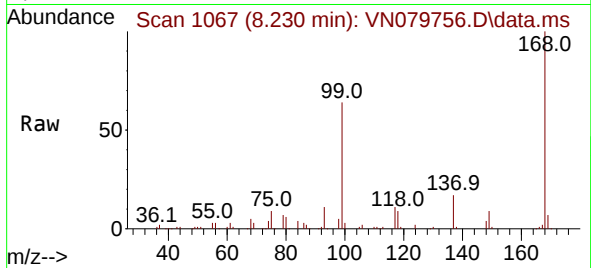




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

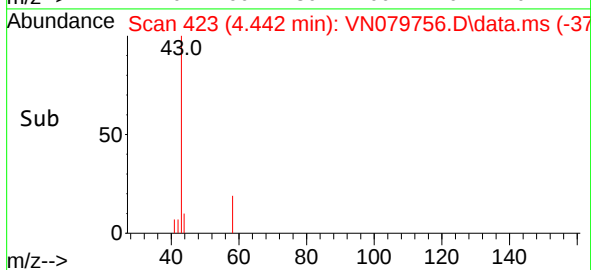
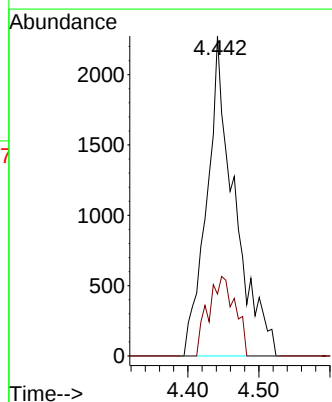
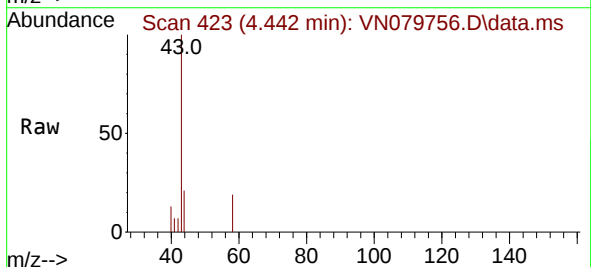
Instrument :
MSVOA_N
ClientSampleId :
1080ME

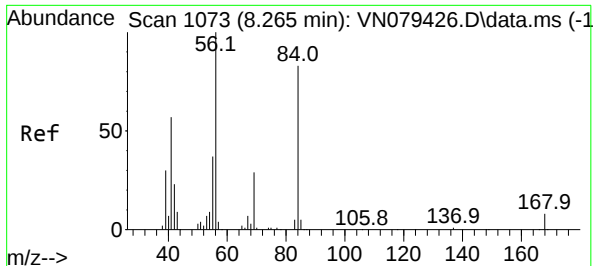
Tgt Ion:168 Resp: 304206
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#16
Acetone
Concen: 2.945 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

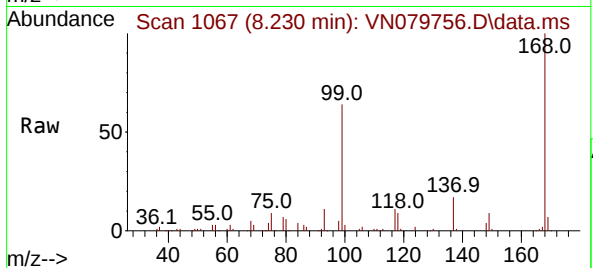
Tgt Ion: 43 Resp: 6156
Ion Ratio Lower Upper
43 100
58 19.3 28.0 42.0#



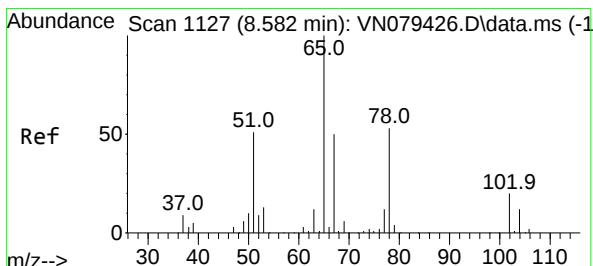
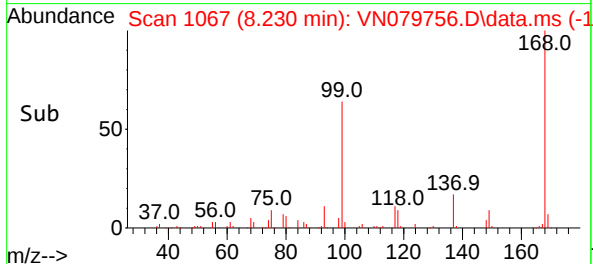
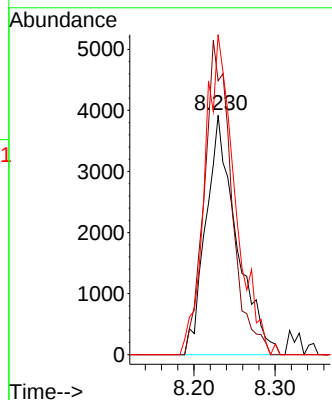


#31
Cyclohexane
Concen: 1.546 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Instrument :
MSVOA_N
ClientSampleId :
1080ME

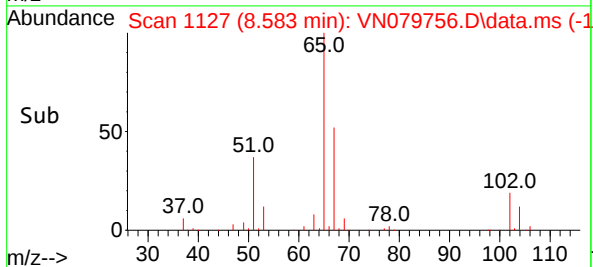
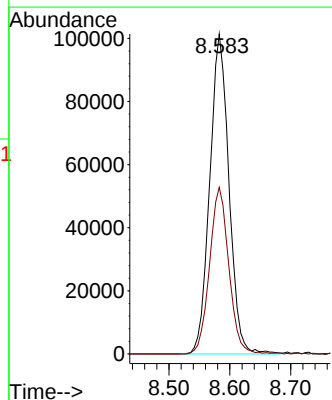
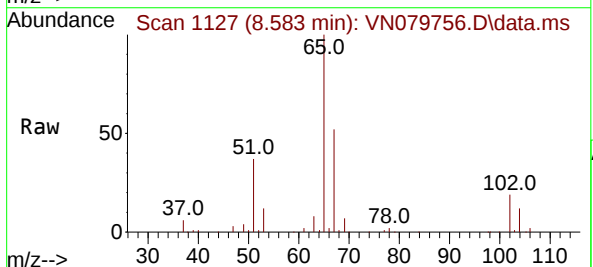


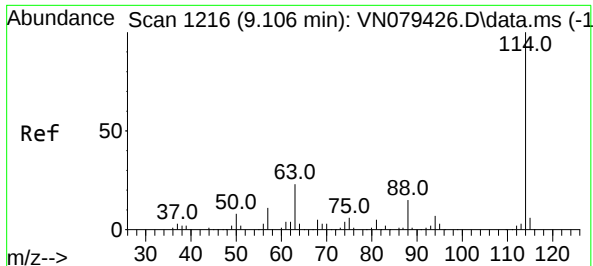
Tgt Ion: 56 Resp: 10306
Ion Ratio Lower Upper
56 100
69 114.4 26.8 40.2#
84 133.7 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.476 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Tgt Ion: 65 Resp: 222160
Ion Ratio Lower Upper
65 100
67 52.1 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: VN079756.D

Acq: 31 Oct 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

1080ME

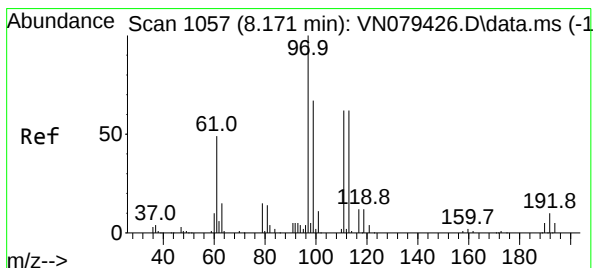
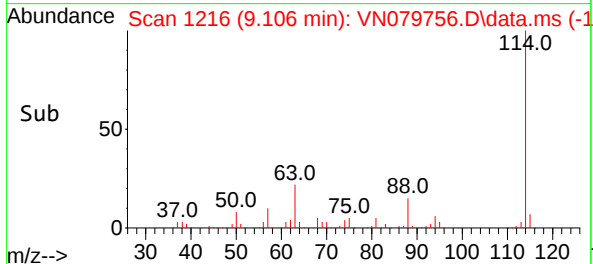
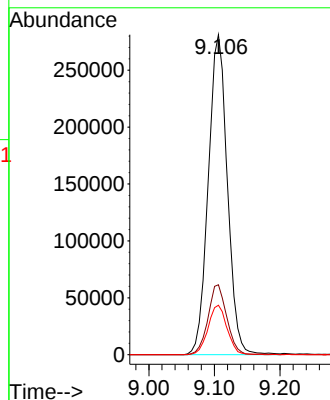
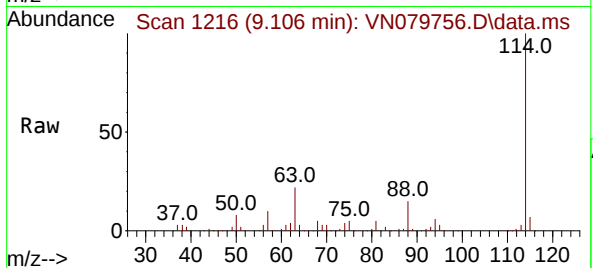
Tgt Ion:114 Resp: 569197

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.393 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079756.D

Acq: 31 Oct 2023 20:07

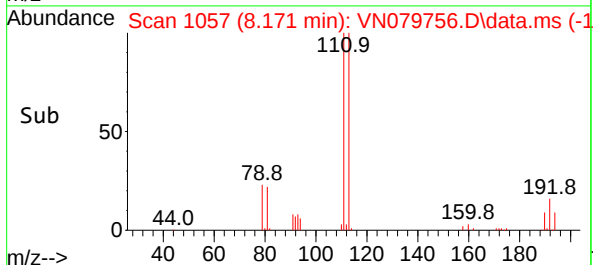
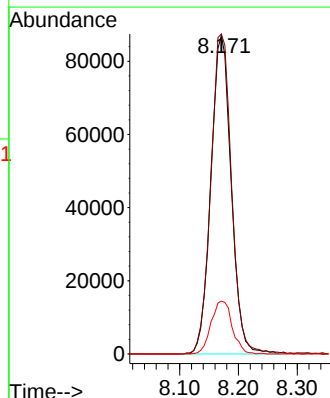
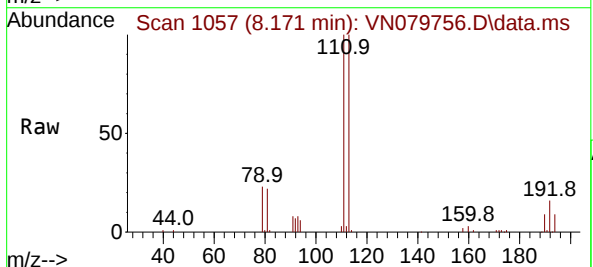
Tgt Ion:113 Resp: 209028

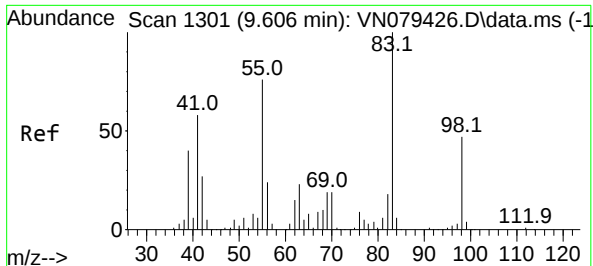
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.2 12.7 19.1





#39

Methylcyclohexane

Concen: 1.005 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079756.D

Acq: 31 Oct 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

1080ME

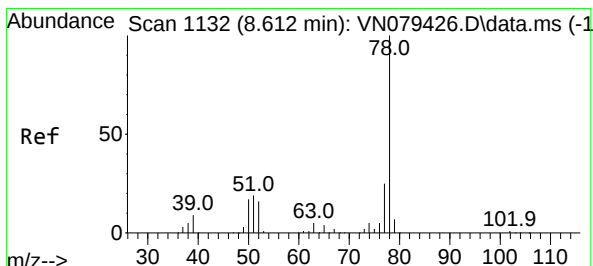
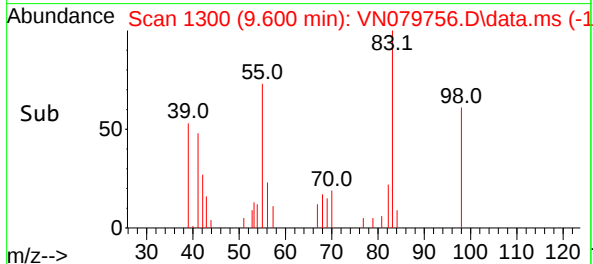
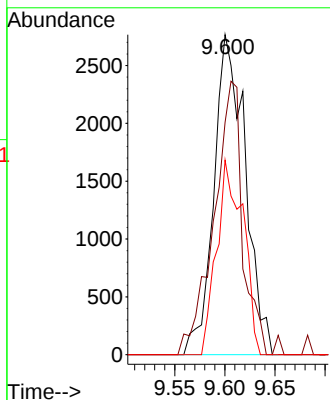
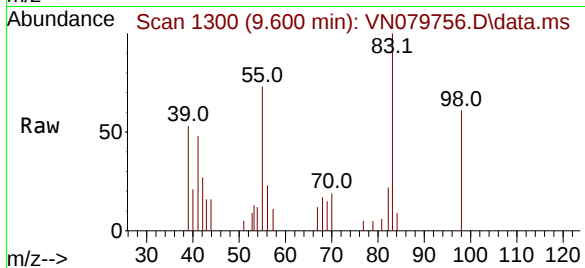
Tgt Ion: 83 Resp: 6032

Ion Ratio Lower Upper

83 100

55 72.6 49.1 73.7

98 60.8 40.6 61.0



#40

Benzene

Concen: 1.822 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079756.D

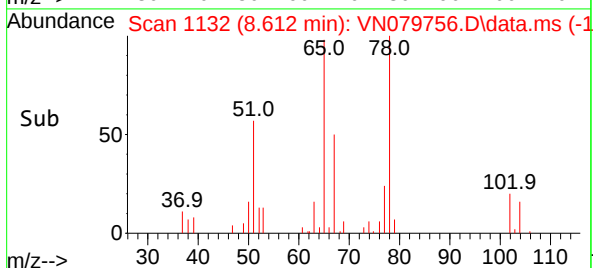
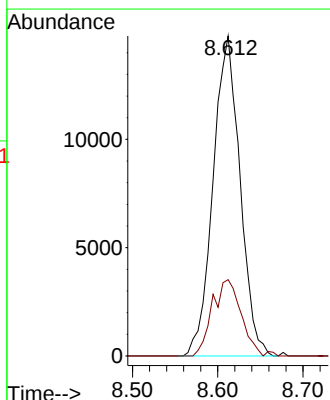
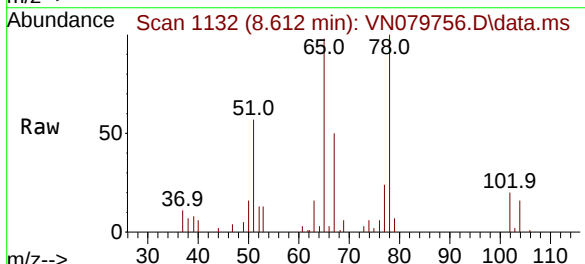
Acq: 31 Oct 2023 20:07

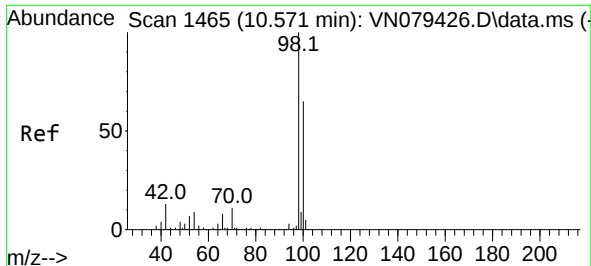
Tgt Ion: 78 Resp: 32439

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

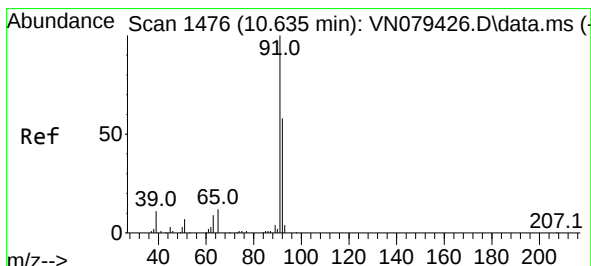
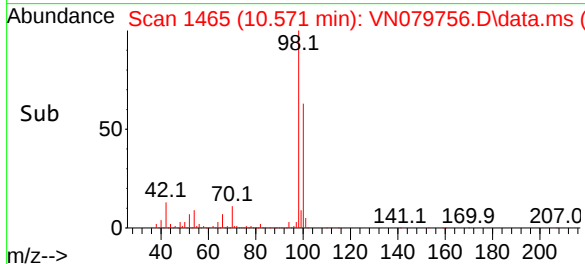
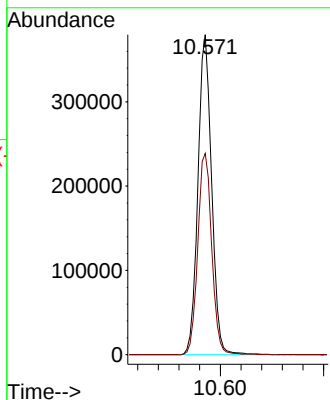
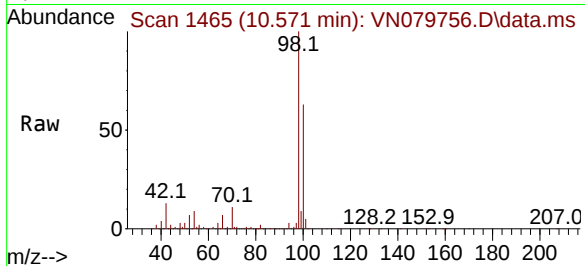




#50
Toluene-d8
Concen: 45.871 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

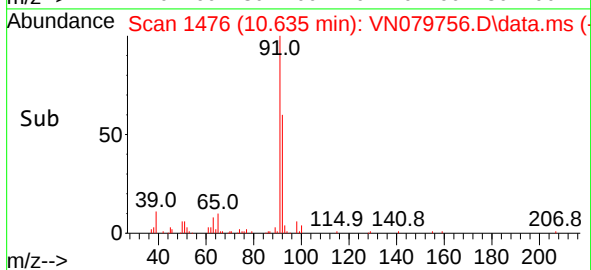
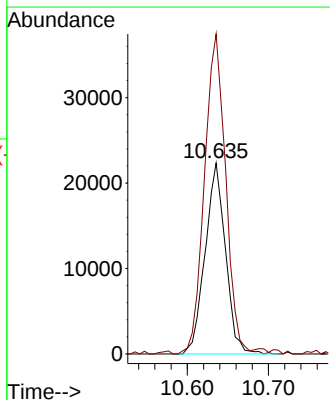
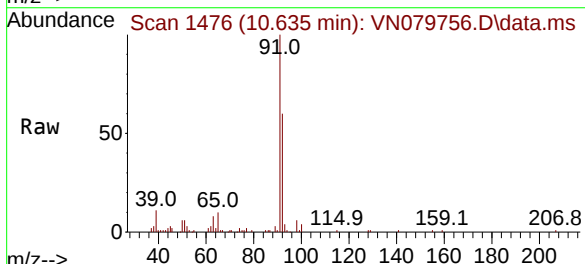
Instrument :
MSVOA_N
ClientSampleId :
1080ME

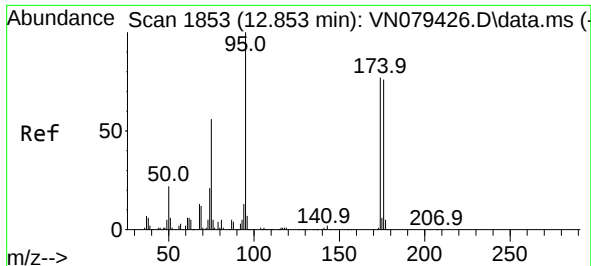
Tgt Ion: 98 Resp: 695490
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#52
Toluene
Concen: 3.587 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Tgt Ion: 92 Resp: 38992
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0

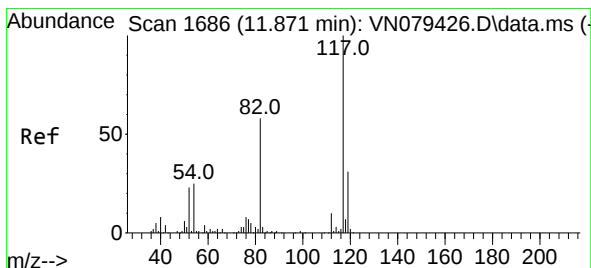
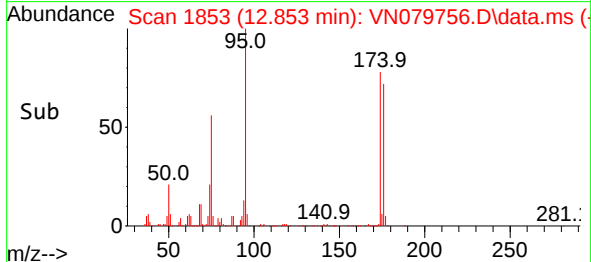
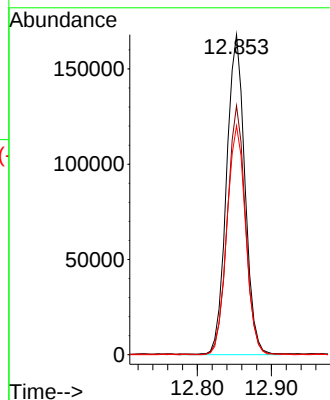
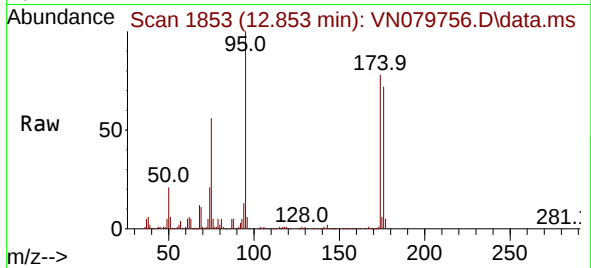




#62
4-Bromofluorobenzene
Concen: 60.589 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

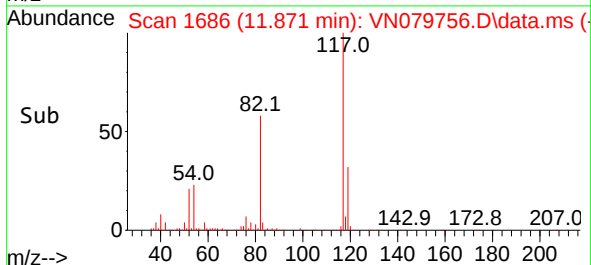
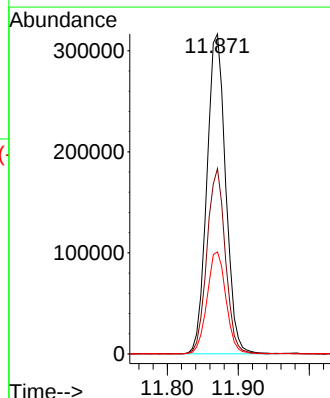
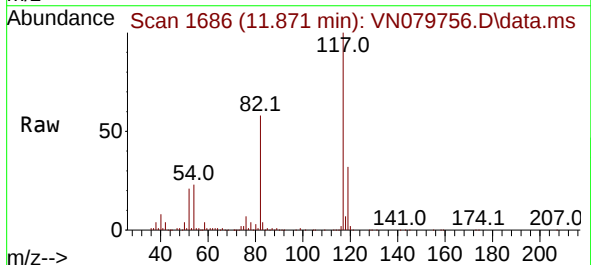
Instrument :
MSVOA_N
ClientSampleId :
1080ME

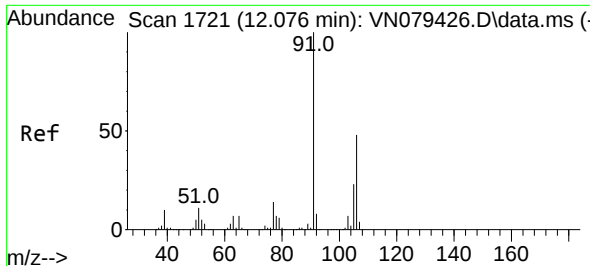
Tgt Ion: 95 Resp: 289291
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Tgt Ion: 117 Resp: 582695
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.9 25.6 38.4

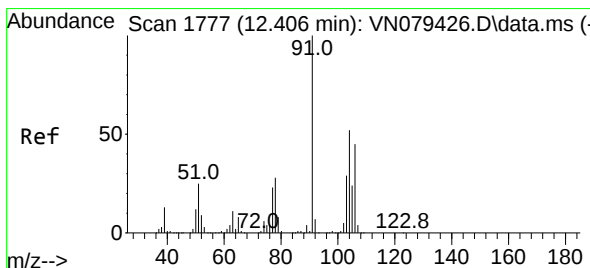
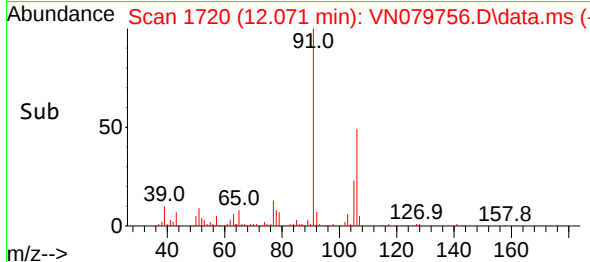
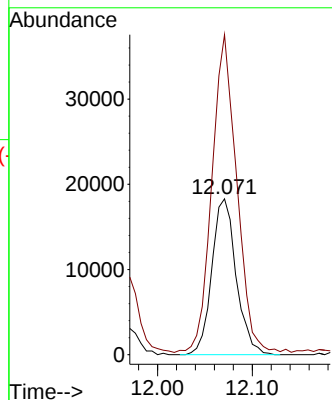
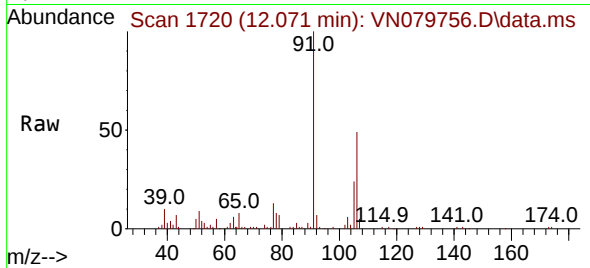




#68
m/p-Xylenes
Concen: 3.889 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

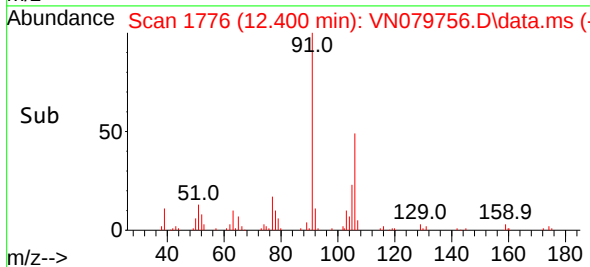
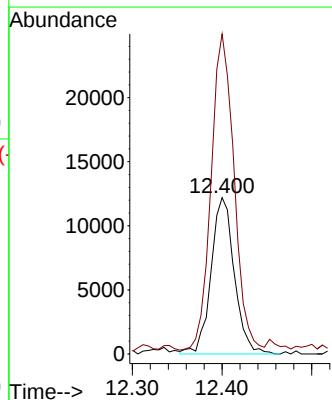
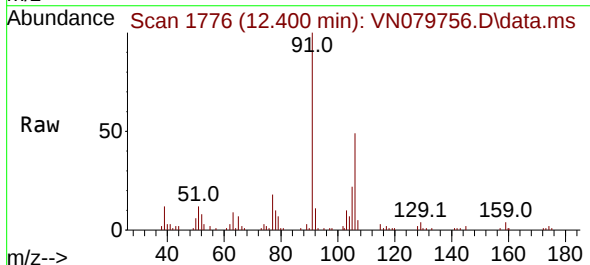
Instrument :
MSVOA_N
ClientSampleId :
1080ME

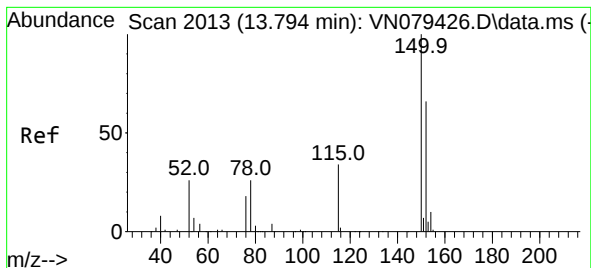
Tgt Ion:106 Resp: 32684
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4



#69
o-Xylene
Concen: 2.718 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Tgt Ion:106 Resp: 21961
Ion Ratio Lower Upper
106 100
91 198.9 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079756.D

Acq: 31 Oct 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

1080ME

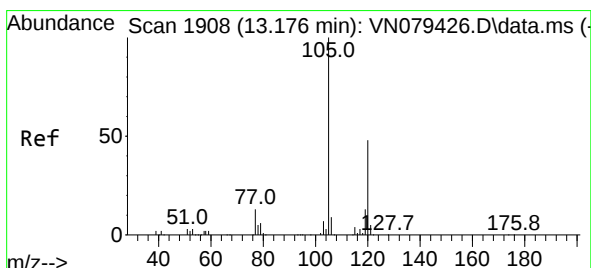
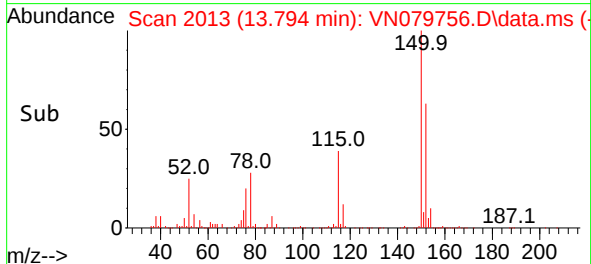
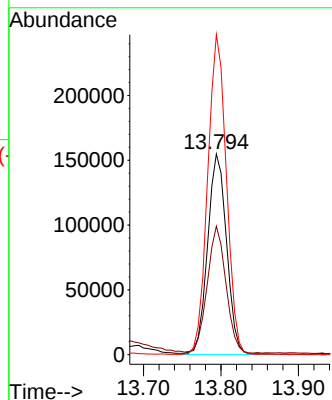
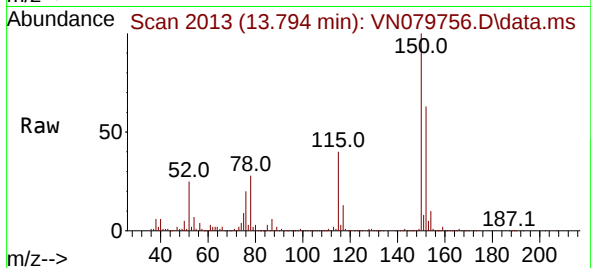
Tgt Ion:152 Resp: 263688

Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 156.5 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 1.422 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079756.D

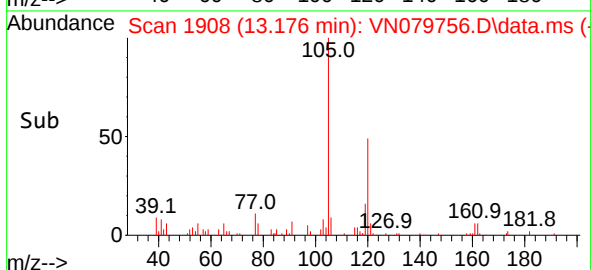
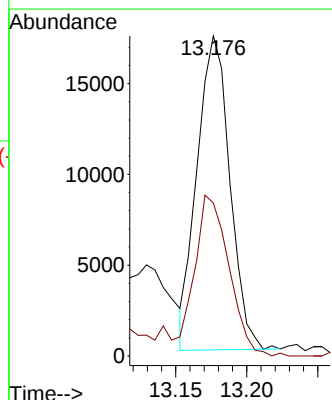
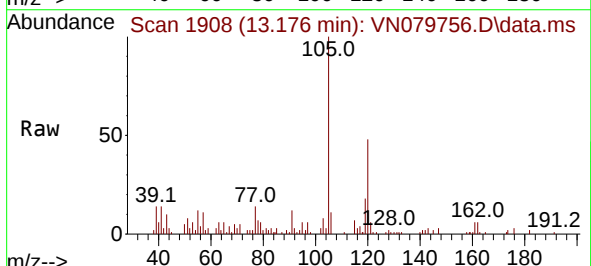
Acq: 31 Oct 2023 20:07

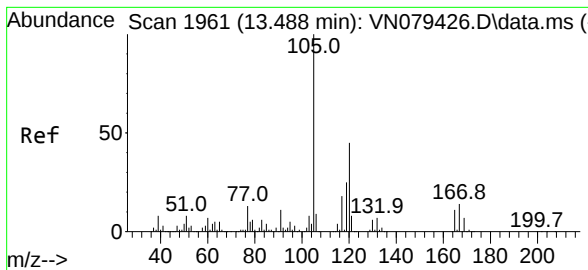
Tgt Ion:105 Resp: 27688

Ion Ratio Lower Upper

105 100

120 54.1 24.1 72.3

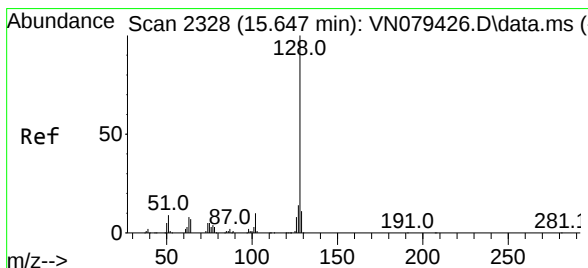
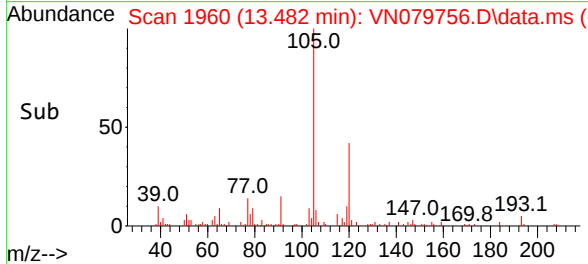
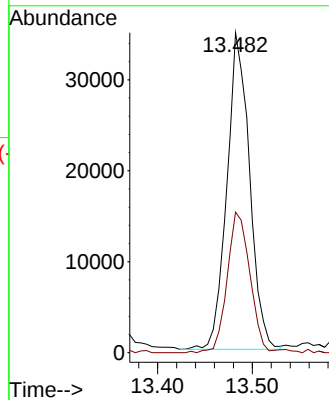
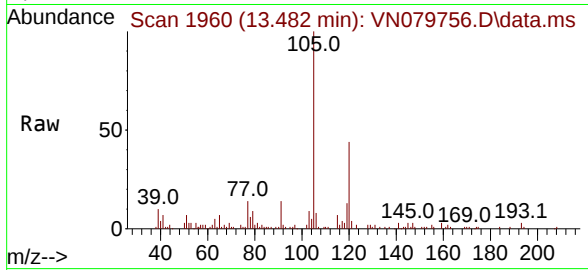




#84
1,2,4-Trimethylbenzene
Concen: 3.084 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Instrument :
MSVOA_N
ClientSampleId :
1080ME

Tgt Ion:105 Resp: 57926
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0



#95
Naphthalene
Concen: 100.685 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079756.D
Acq: 31 Oct 2023 20:07

Tgt Ion:128 Resp: 805240
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.4 8.7 13.1

