

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079751.D
 Acq On : 31 Oct 2023 18:07
 Operator : JC\MD
 Sample : 05107-05ME 20X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1075ME

Quant Time: Nov 01 01:24:13 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)

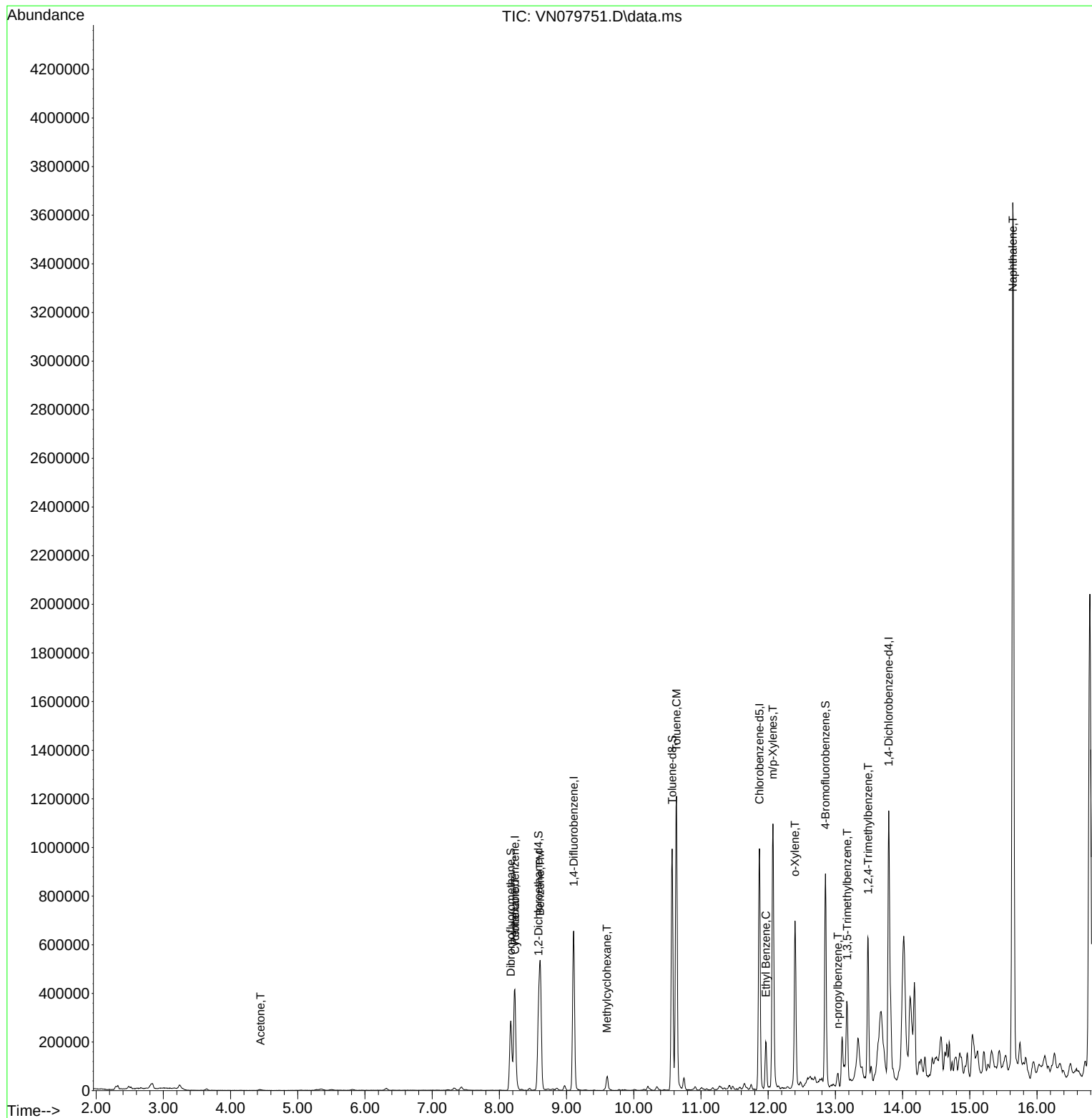
Internal Standards						
1) Pentafluorobenzene	8.230	168	292438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	573624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227547	48.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.900%		
35) Dibromofluoromethane	8.171	113	203352	51.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.380%		
50) Toluene-d8	10.571	98	673163	45.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.920%		
62) 4-Bromofluorobenzene	12.853	95	302511	64.868	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	129.740%#		
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	6588	3.279	ug/l	96
31) Cyclohexane	8.236	56	19401	3.028	ug/l #	68
39) Methylcyclohexane	9.600	83	21712	3.704	ug/l #	85
40) Benzene	8.606	78	474273	27.267	ug/l	99
52) Toluene	10.635	92	528026	49.727	ug/l	98
67) Ethyl Benzene	11.965	91	143031	6.395	ug/l	97
68) m/p-Xylenes	12.071	106	317533	38.382	ug/l	95
69) o-Xylene	12.400	106	182671	22.963	ug/l	92
78) n-propylbenzene	13.035	91	39297	1.346	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	144760	7.007	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	341885	17.153	ug/l	99
95) Naphthalene	15.641	128	3201278	377.208	ug/l	99

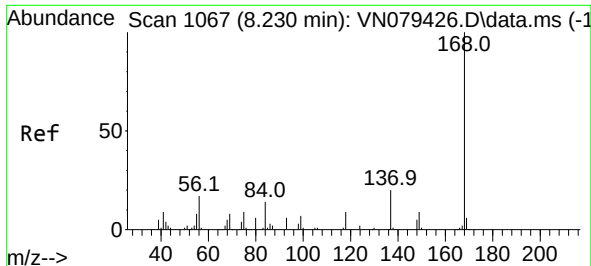
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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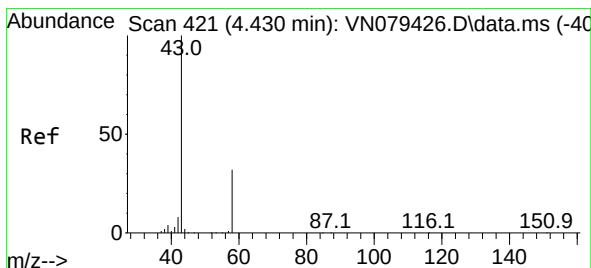
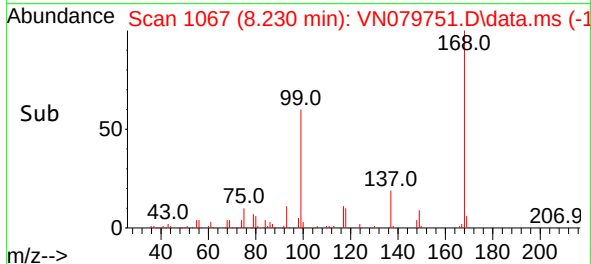
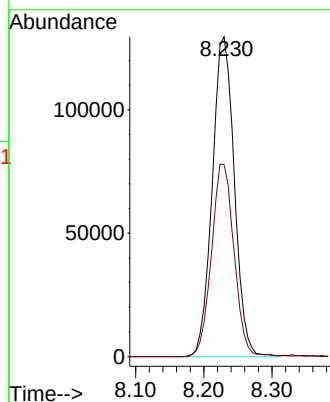
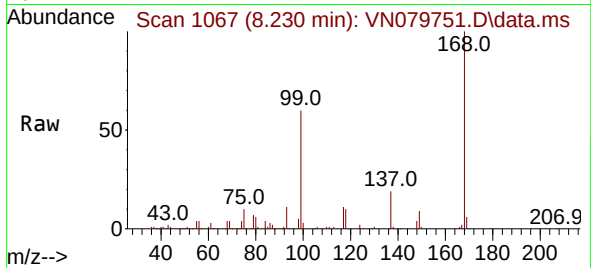




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

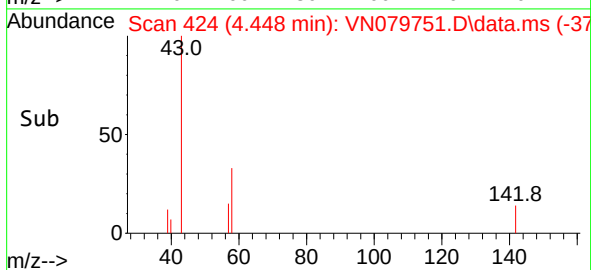
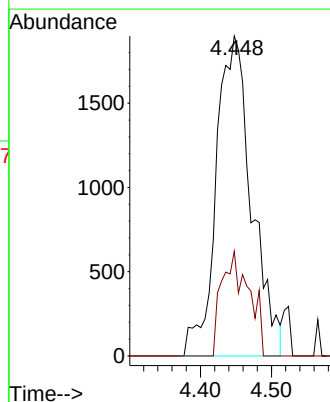
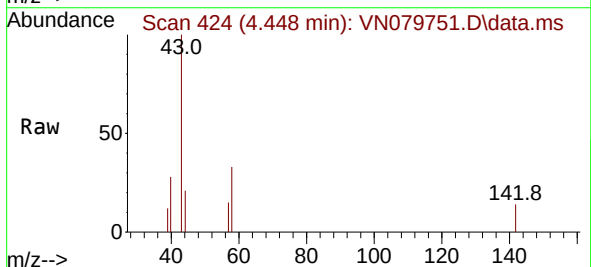
Instrument :
MSVOA_N
ClientSampleId :
1075ME

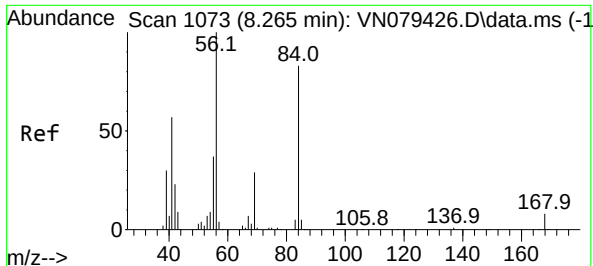
Tgt Ion:168 Resp: 292438
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#16
Acetone
Concen: 3.279 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

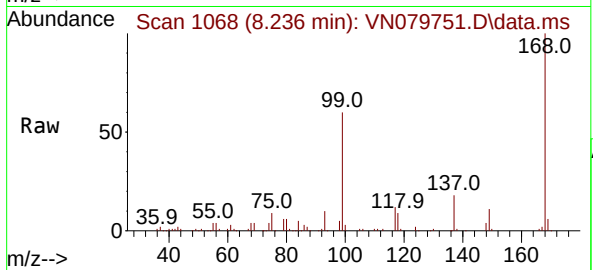
Tgt Ion: 43 Resp: 6588
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0



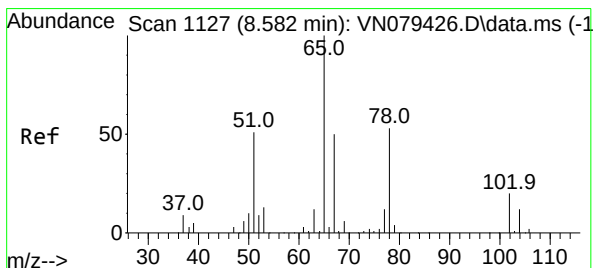
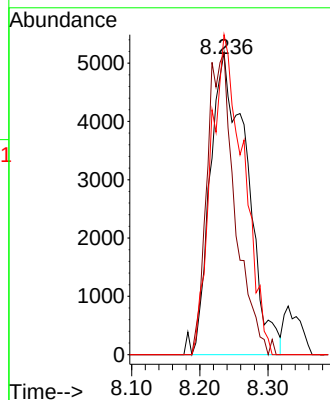
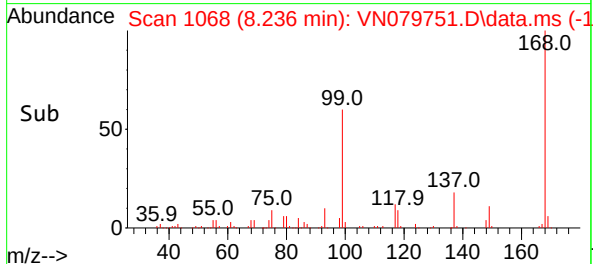


#31
Cyclohexane
Concen: 3.028 ug/l
RT: 8.236 min Scan# 1073
Delta R.T. -0.030 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :
1075ME

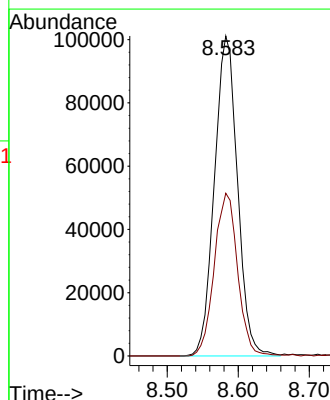
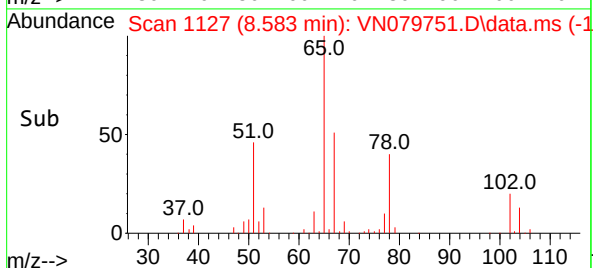
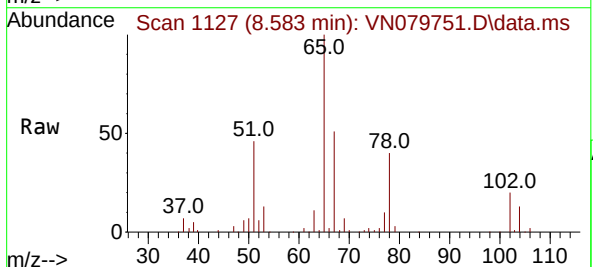


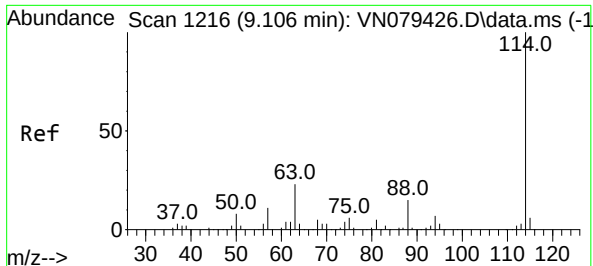
Tgt Ion: 56 Resp: 19401
Ion Ratio Lower Upper
56 100
69 99.9 26.8 40.2#
84 105.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.453 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion: 65 Resp: 227547
Ion Ratio Lower Upper
65 100
67 51.5 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: VN079751.D

Acq: 31 Oct 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

1075ME

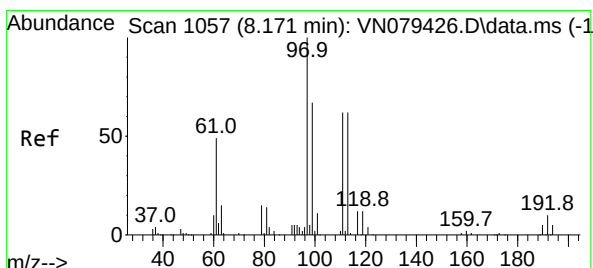
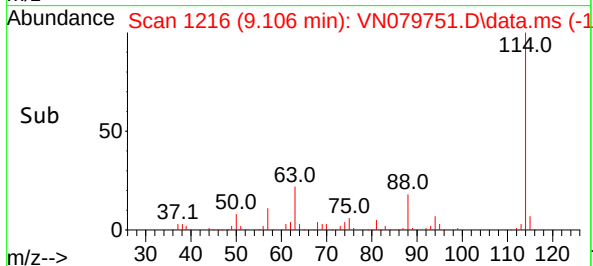
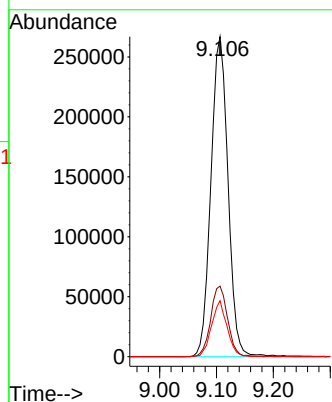
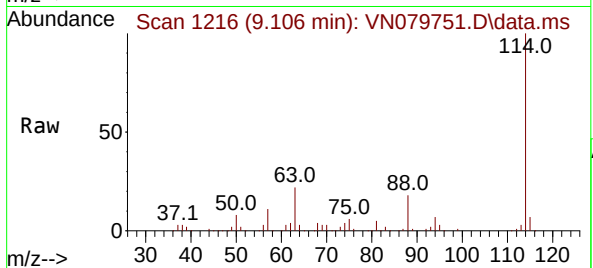
Tgt Ion:114 Resp: 555941

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.190 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079751.D

Acq: 31 Oct 2023 18:07

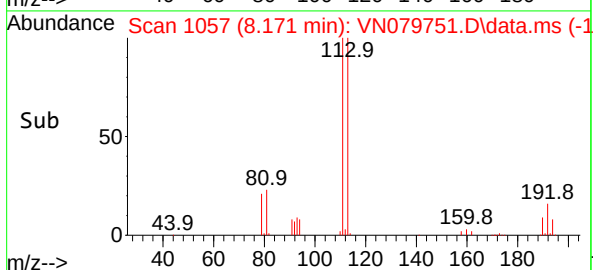
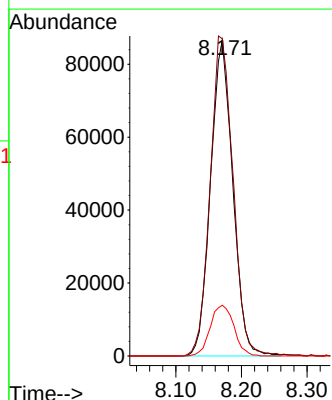
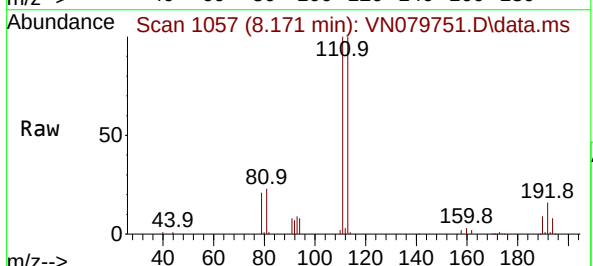
Tgt Ion:113 Resp: 203352

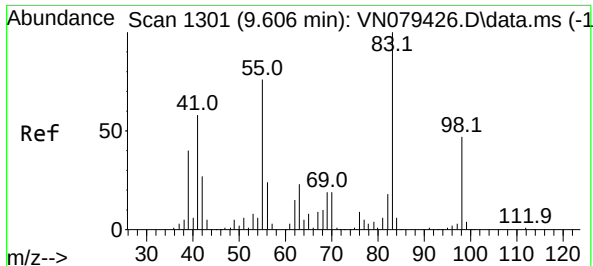
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 17.2 12.7 19.1





#39

Methylcyclohexane

Concen: 3.704 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079751.D

Acq: 31 Oct 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

1075ME

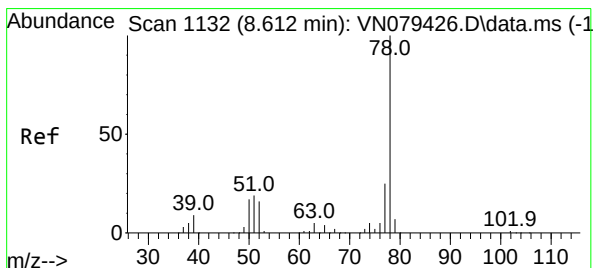
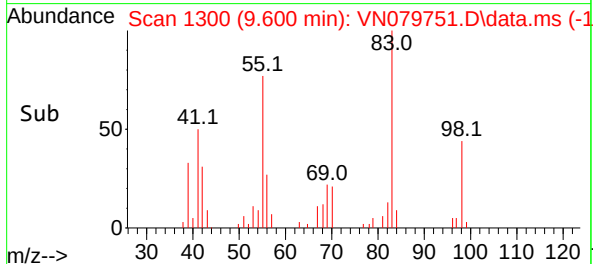
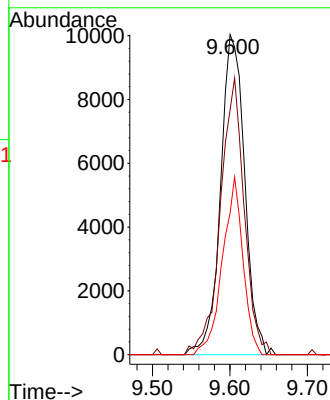
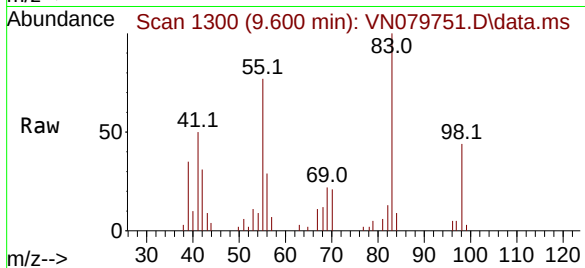
Tgt Ion: 83 Resp: 21712

Ion Ratio Lower Upper

83 100

55 76.5 49.1 73.7#

98 44.3 40.6 61.0



#40

Benzene

Concen: 27.267 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079751.D

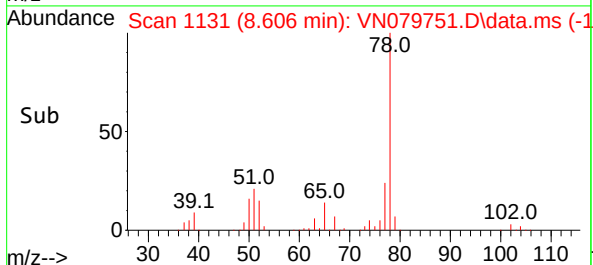
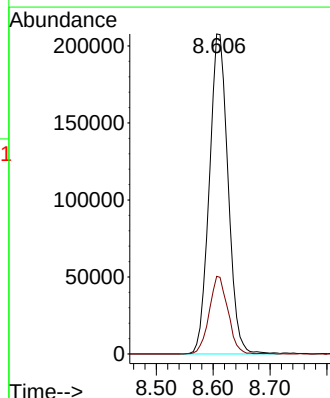
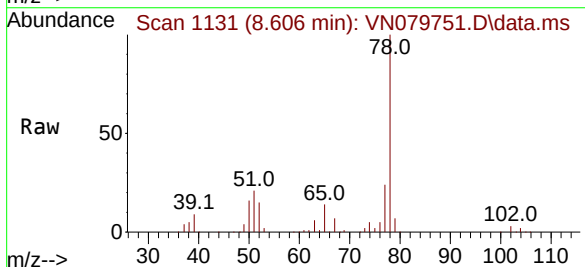
Acq: 31 Oct 2023 18:07

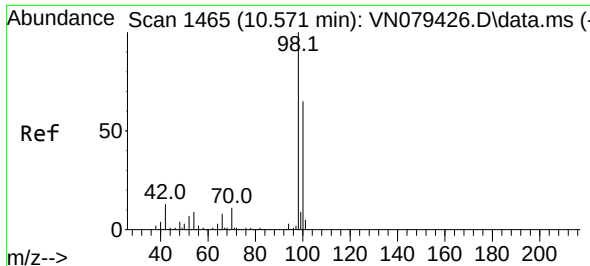
Tgt Ion: 78 Resp: 474273

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

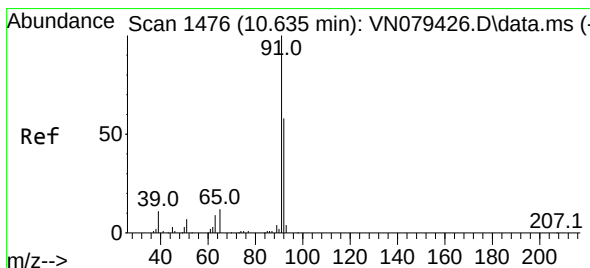
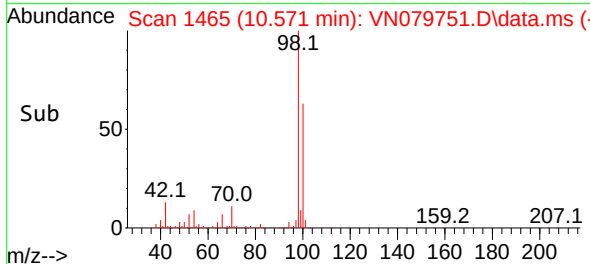
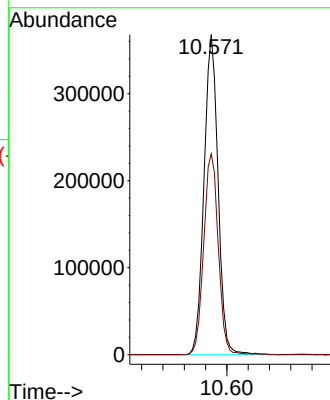
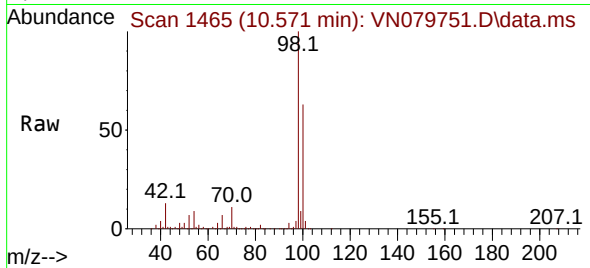




#50
Toluene-d8
Concen: 45.457 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

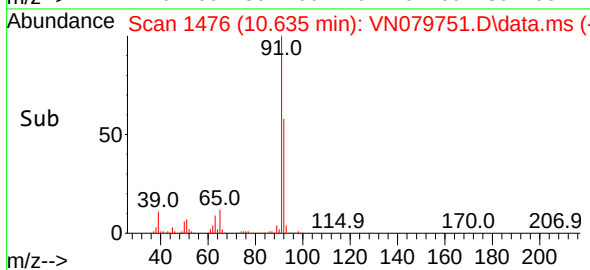
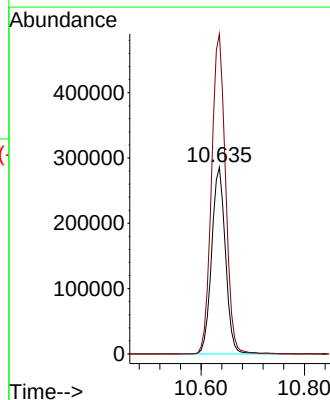
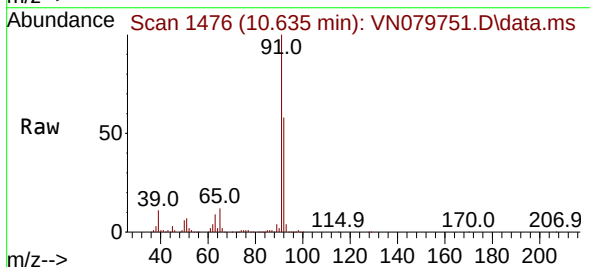
Instrument :
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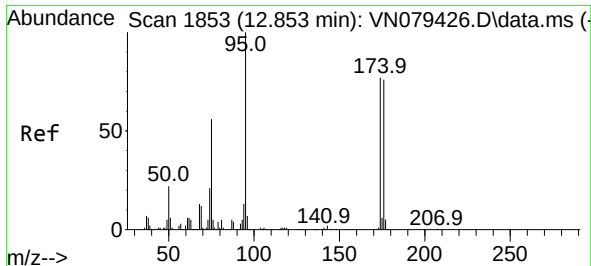
Tgt Ion: 98 Resp: 673163
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#52
Toluene
Concen: 49.727 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion: 92 Resp: 528026
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0

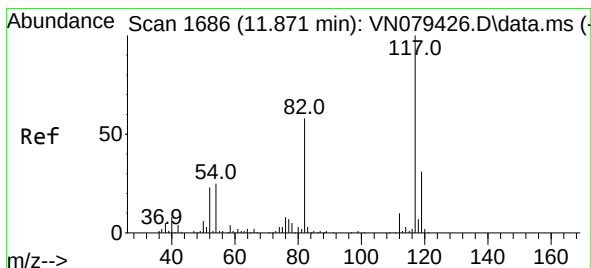
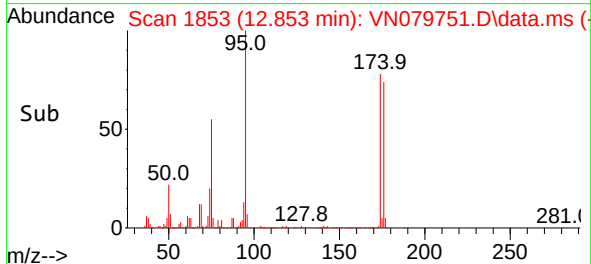
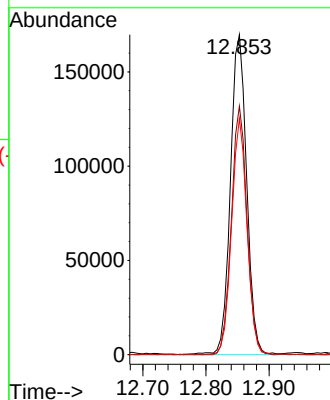
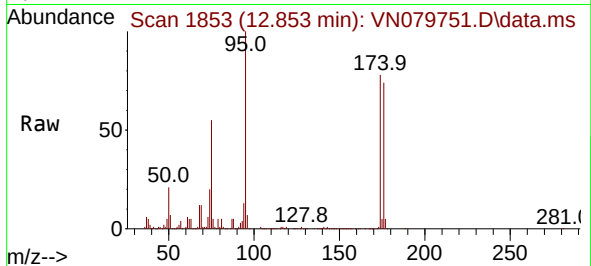




#62
4-Bromofluorobenzene
Concen: 64.868 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

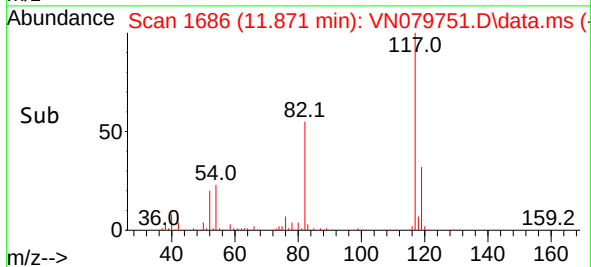
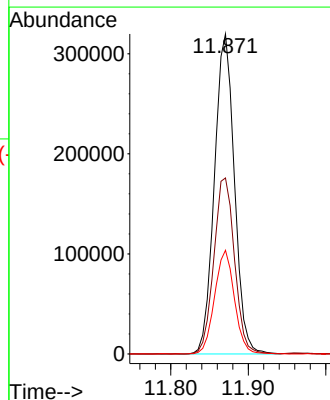
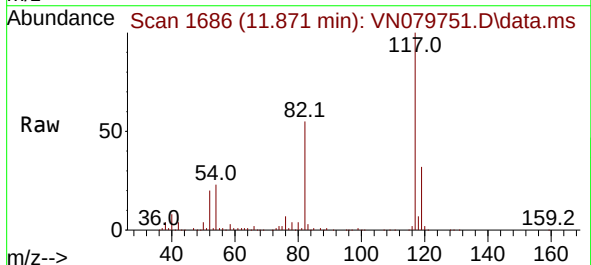
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1075ME

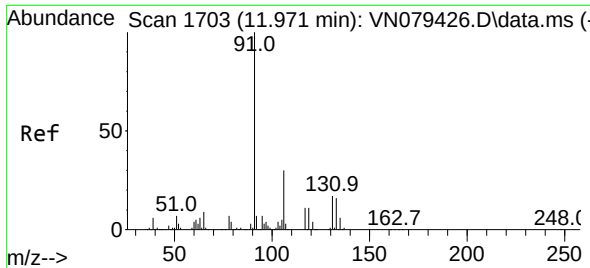
Tgt Ion: 95 Resp: 302511
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion: 117 Resp: 573624
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.3 25.6 38.4

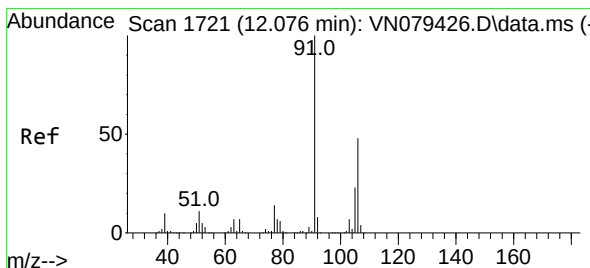
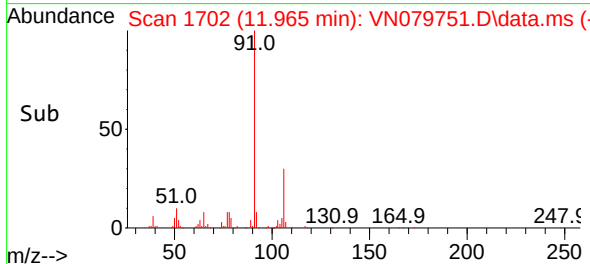
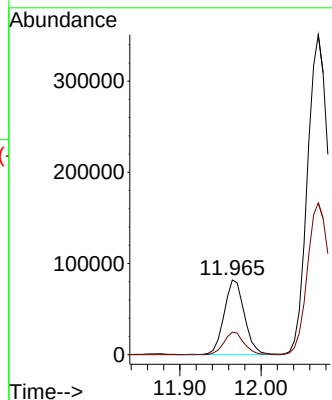
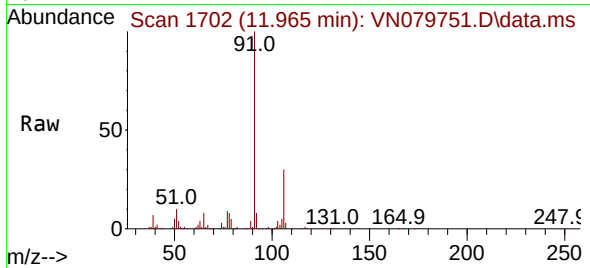




#67
Ethyl Benzene
Concen: 6.395 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

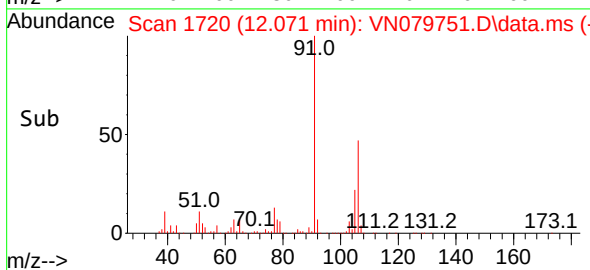
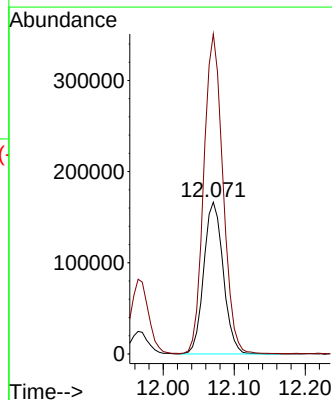
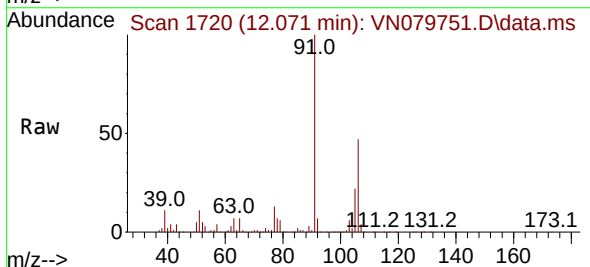
Instrument :
MSVOA_N
ClientSampleId :
1075ME

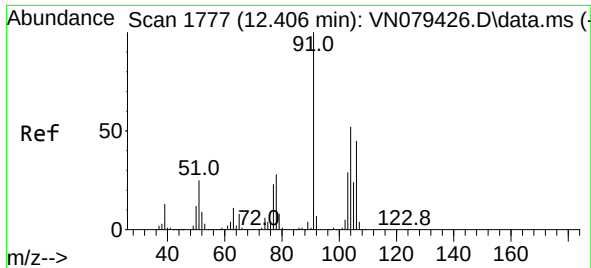
Tgt Ion: 91 Resp: 143031
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 38.382 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion:106 Resp: 317533
Ion Ratio Lower Upper
106 100
91 207.3 159.6 239.4

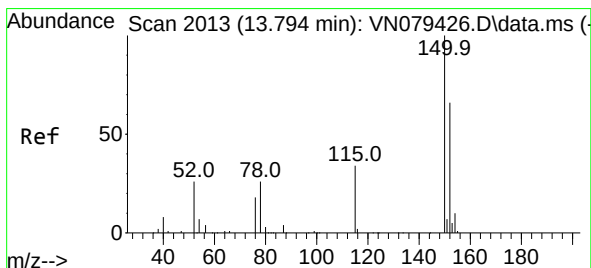
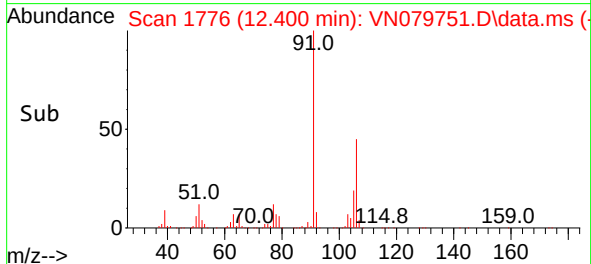
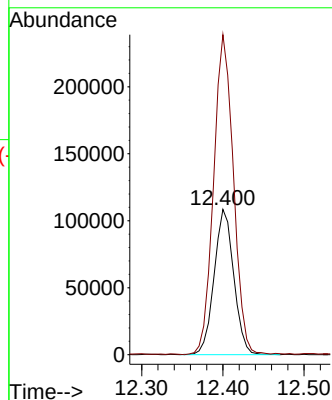
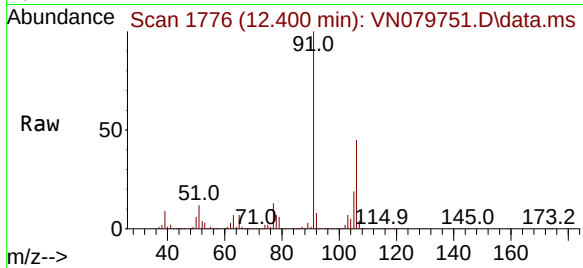




#69
o-Xylene
Concen: 22.963 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

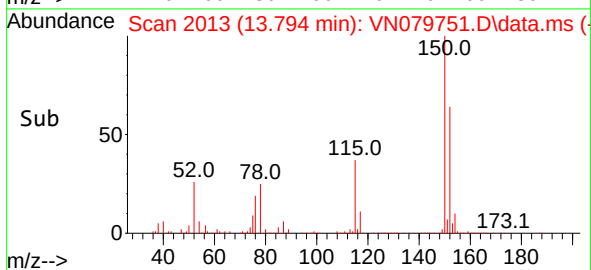
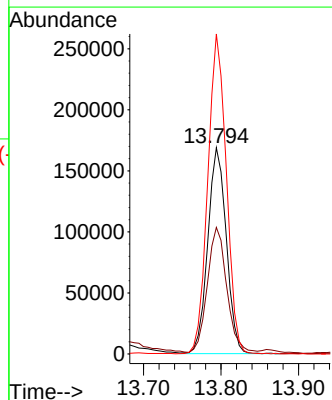
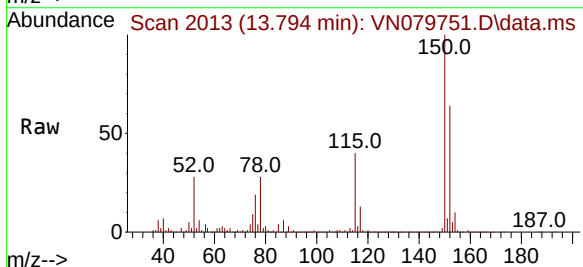
Instrument :
MSVOA_N
ClientSampleId :
1075ME

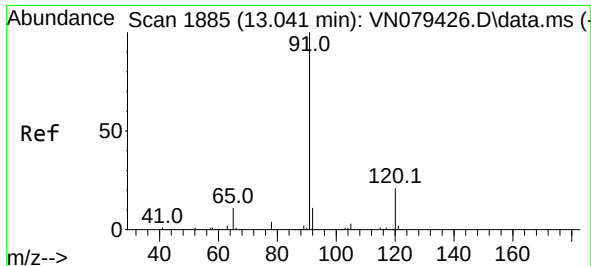
Tgt Ion:106 Resp: 182671
Ion Ratio Lower Upper
106 100
91 222.5 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion:152 Resp: 279815
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 155.1 0.0 355.8

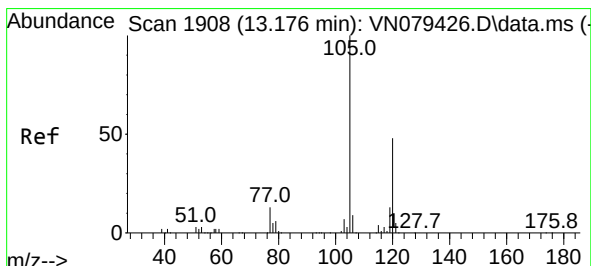
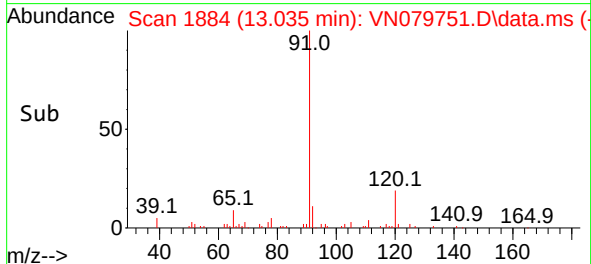
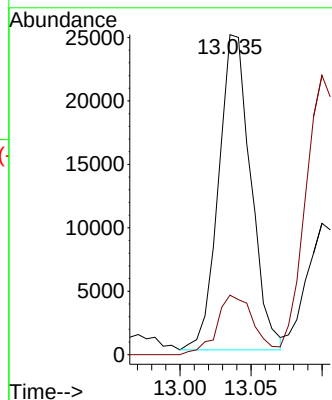
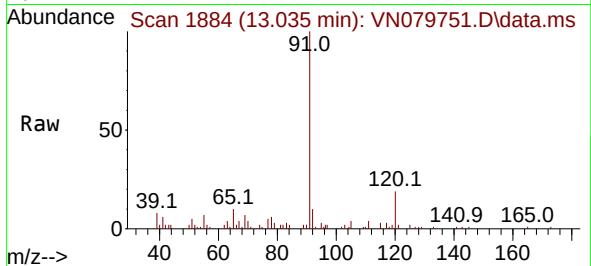




#78
n-propylbenzene
Concen: 1.346 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

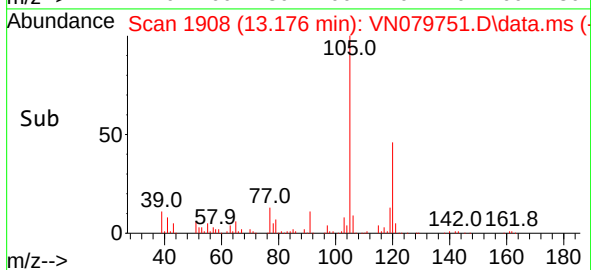
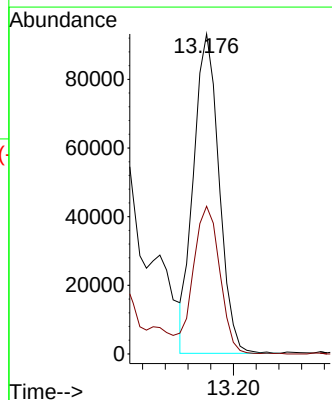
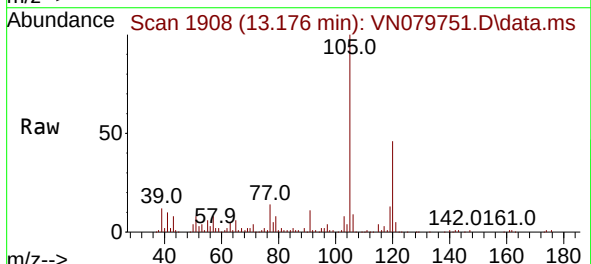
Instrument :
MSVOA_N
ClientSampleId :
1075ME

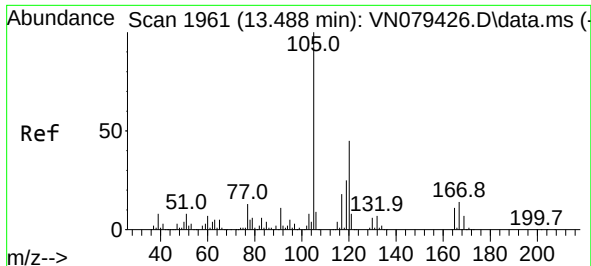
Tgt Ion: 91 Resp: 39297
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 7.007 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion: 105 Resp: 144760
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

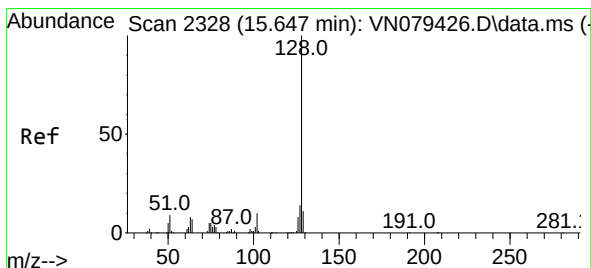
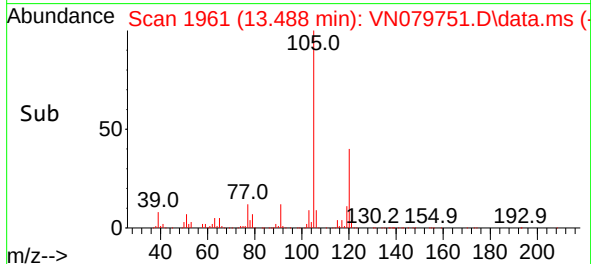
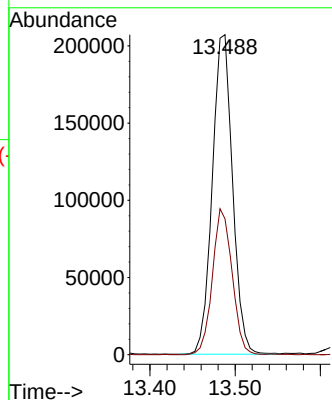
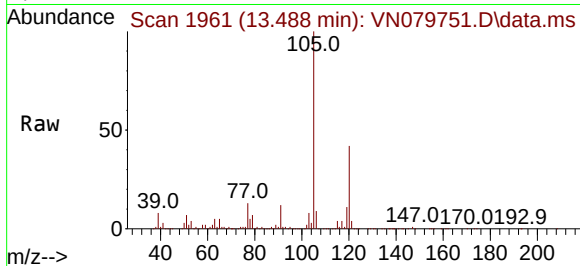




#84
1,2,4-Trimethylbenzene
Concen: 17.153 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :
1075ME

Tgt Ion:105 Resp: 341885
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0



#95
Naphthalene
Concen: 377.208 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079751.D
Acq: 31 Oct 2023 18:07

Tgt Ion:128 Resp: 3201278
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.7 13.1

