

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073696.D
 Acq On : 02 Aug 2022 18:53
 Operator : JC\MD
 Sample : N3971-09 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14R

Quant Time: Aug 03 02:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

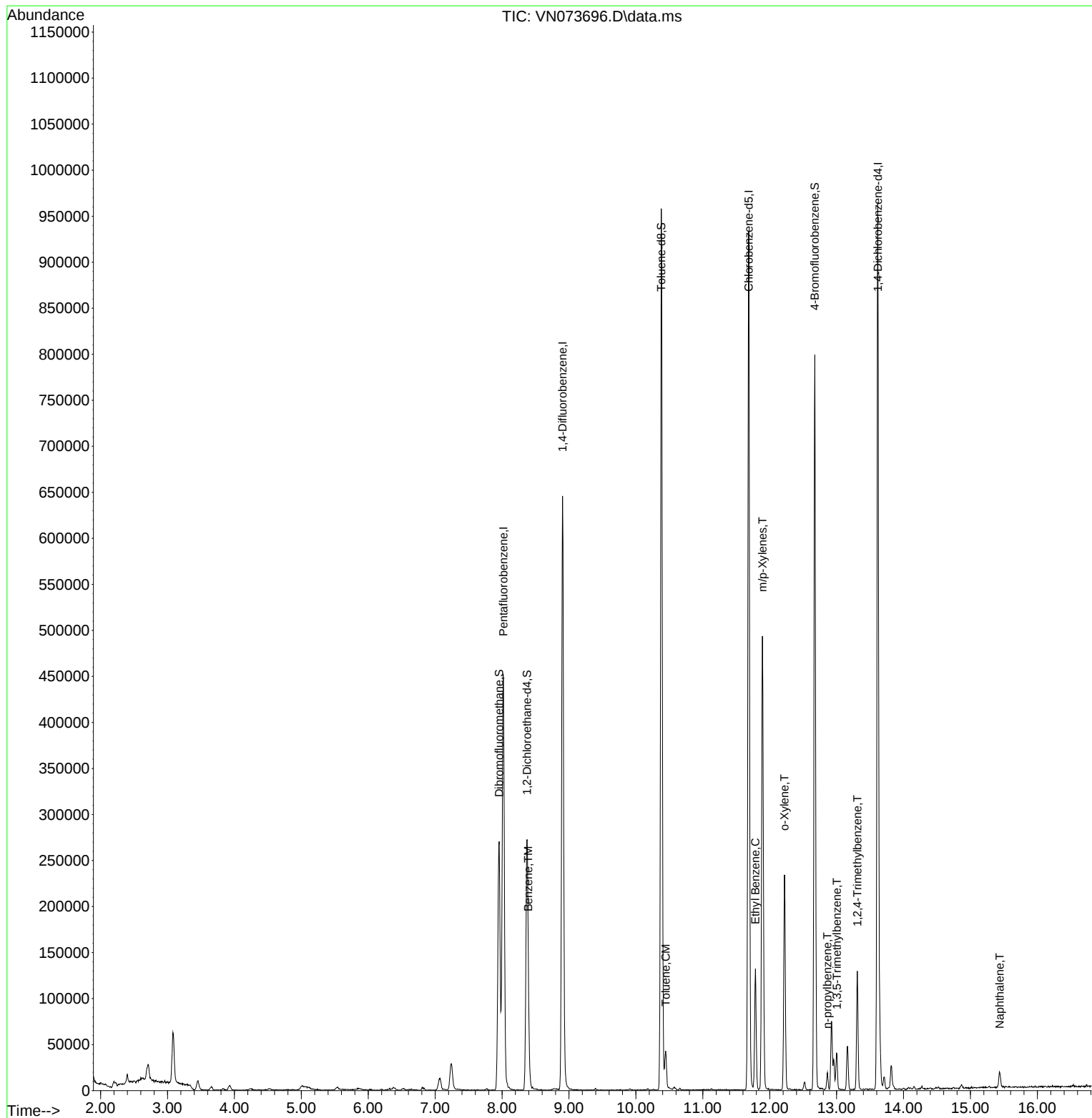
Internal Standards						
1) Pentafluorobenzene	8.022	168	362436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	583796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	557641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	268901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	213164	48.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	7.957	113	198629	54.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.360%		
50) Toluene-d8	10.380	98	663958	46.026	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.060%		
62) 4-Bromofluorobenzene	12.674	95	260990	53.440	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.880%		
Target Compounds					Qvalue	
40) Benzene	8.392	78	43435	2.560	ug/l	100
52) Toluene	10.445	92	16154	1.559	ug/l	94
67) Ethyl Benzene	11.786	91	90942	4.551	ug/l	98
68) m/p-Xylenes	11.892	106	160569	21.068	ug/l	99
69) o-Xylene	12.222	106	64110	8.628	ug/l	99
78) n-propylbenzene	12.863	91	14214	0.642	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	22345	1.379	ug/l	93
84) 1,2,4-Trimethylbenzene	13.310	105	69803	4.382	ug/l	98
95) Naphthalene	15.439	128	16475	1.078	ug/l	97

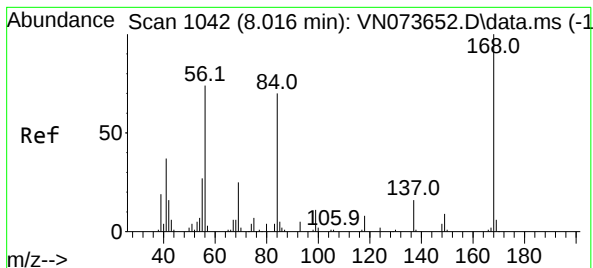
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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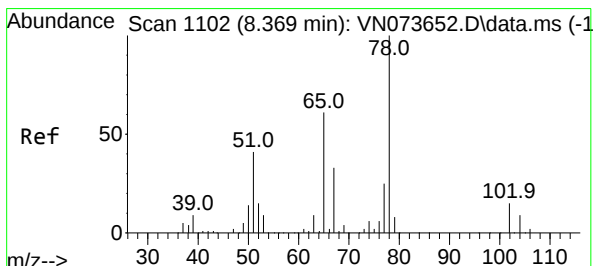
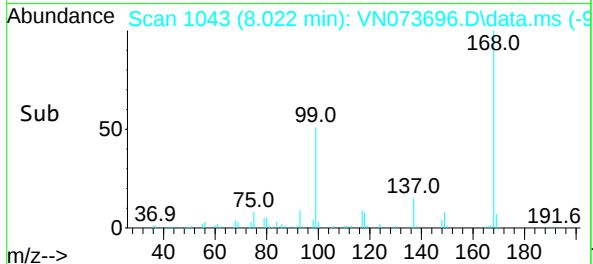
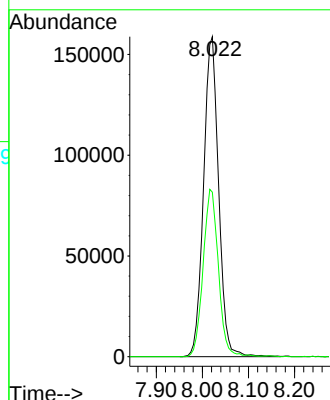
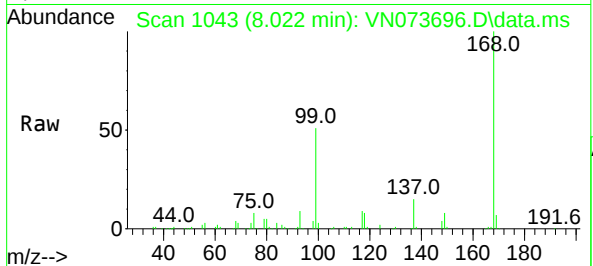




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

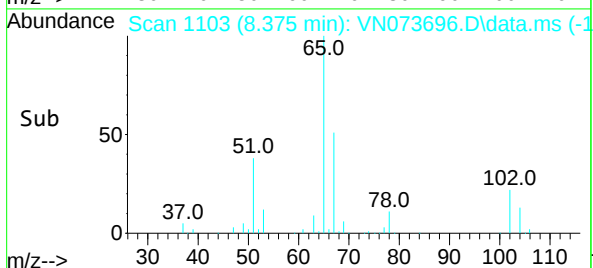
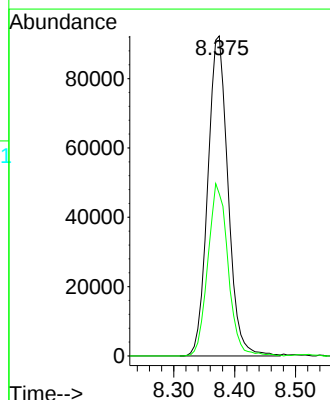
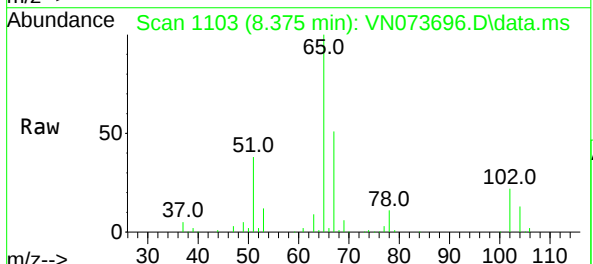
Instrument :
MSVOA_N
ClientSampleId :
MW-14R

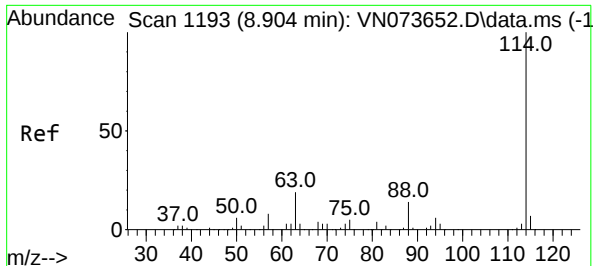
Tgt Ion:168 Resp: 362436
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.261 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

Tgt Ion: 65 Resp: 213164
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073696.D

Acq: 02 Aug 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

MW-14R

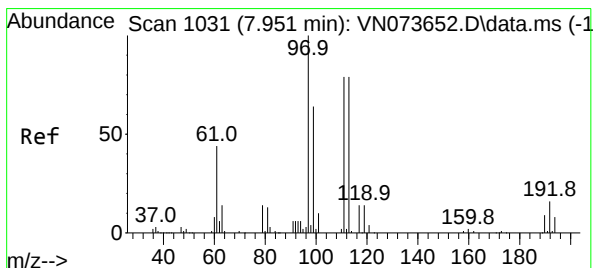
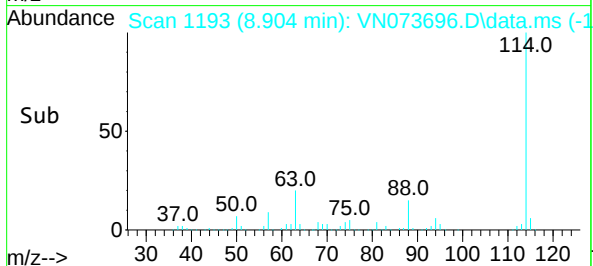
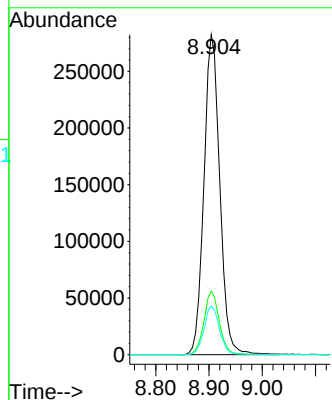
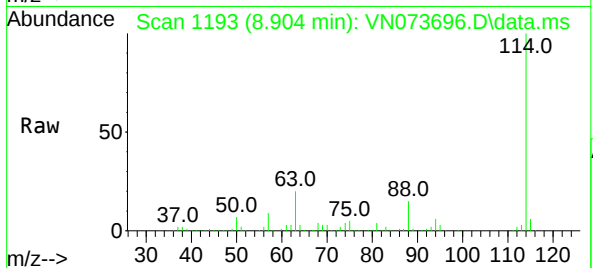
Tgt Ion:114 Resp: 583796

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.183 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073696.D

Acq: 02 Aug 2022 18:53

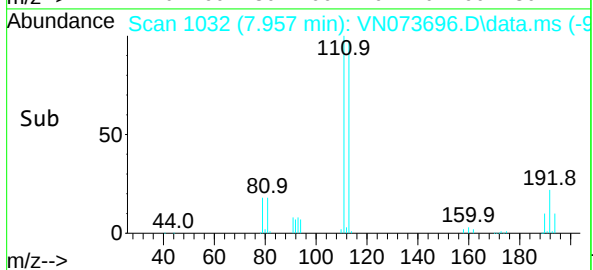
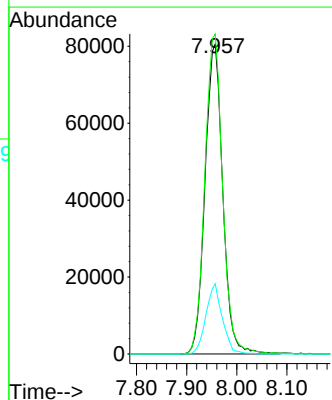
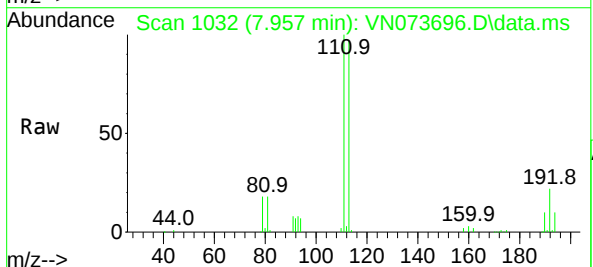
Tgt Ion:113 Resp: 198629

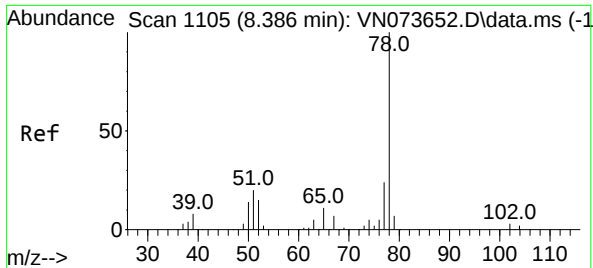
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.9 17.0 25.6

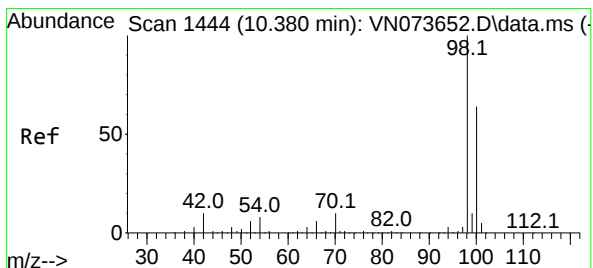
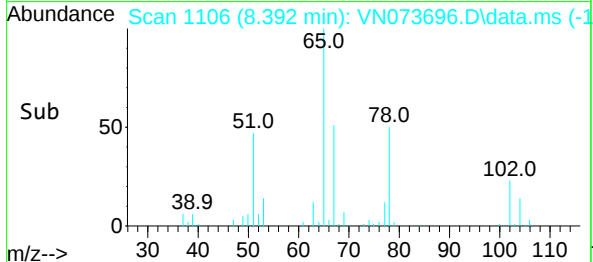
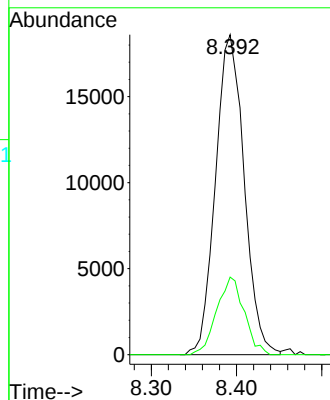
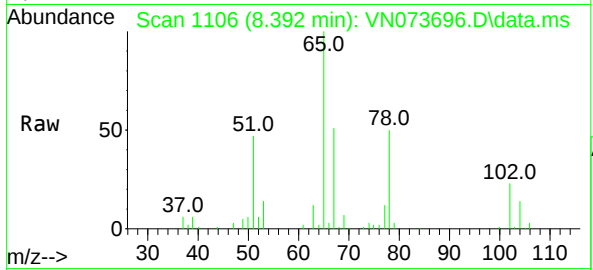




#40
Benzene
Concen: 2.560 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

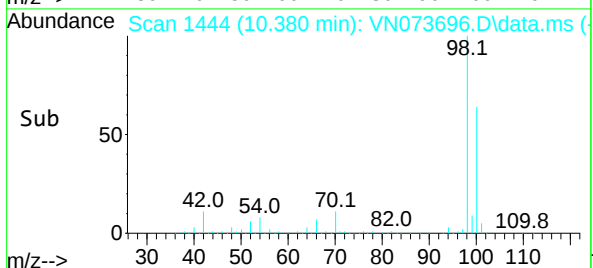
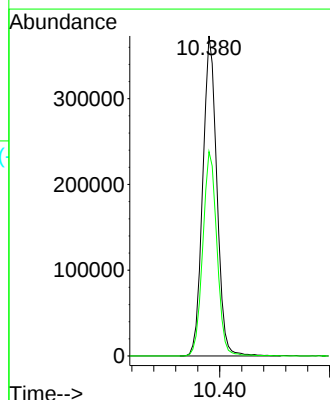
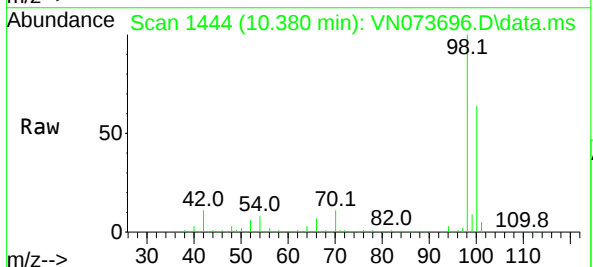
Instrument :
MSVOA_N
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MW-14R

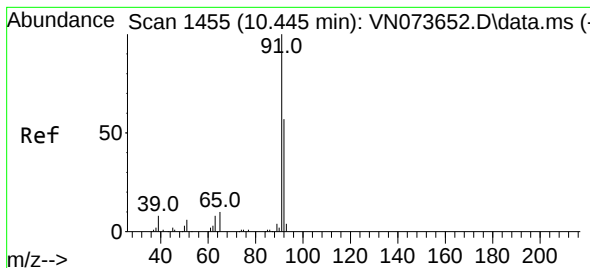
Tgt Ion: 78 Resp: 43435
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



#50
Toluene-d8
Concen: 46.026 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

Tgt Ion: 98 Resp: 663958
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#52

Toluene

Concen: 1.559 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN073696.D

Acq: 02 Aug 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

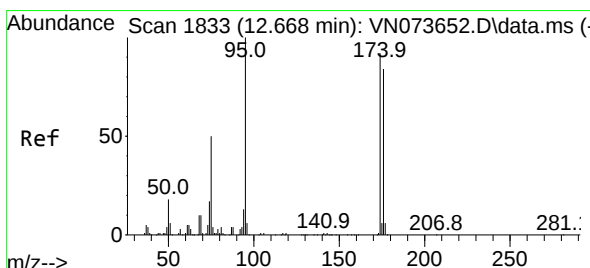
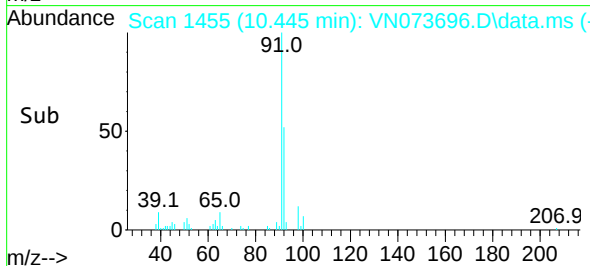
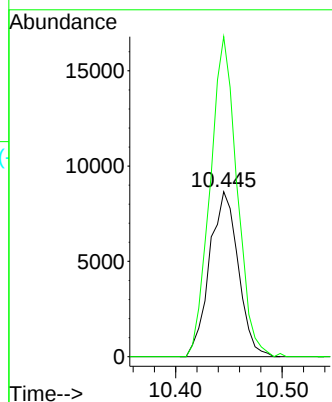
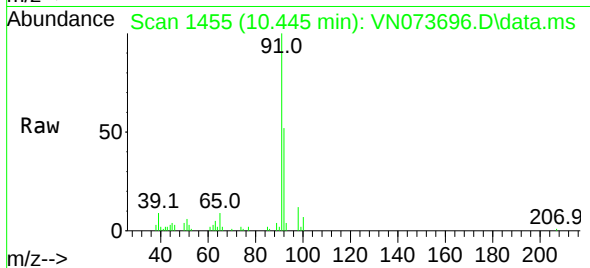
MW-14R

Tgt Ion: 92 Resp: 16154

Ion Ratio Lower Upper

92 100

91 182.0 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 53.440 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN073696.D

Acq: 02 Aug 2022 18:53

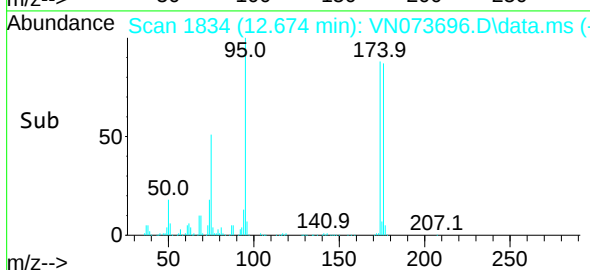
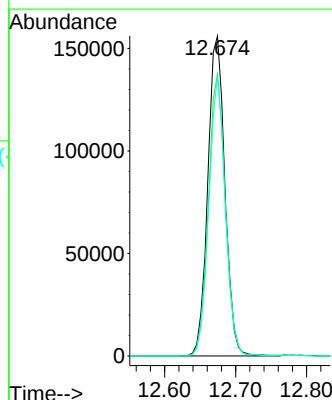
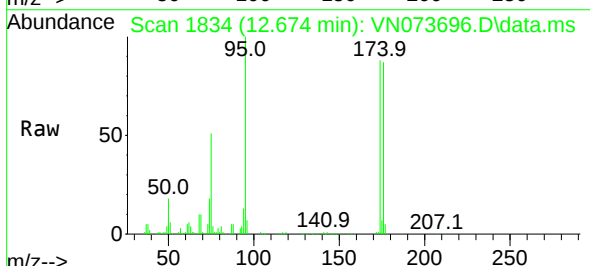
Tgt Ion: 95 Resp: 260990

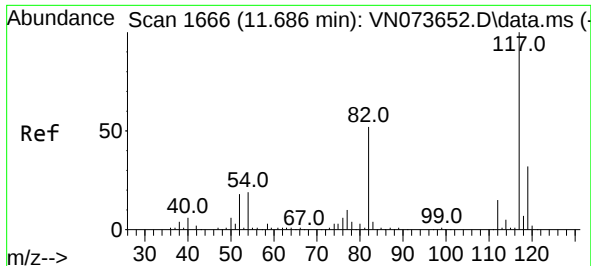
Ion Ratio Lower Upper

95 100

174 87.7 0.0 167.6

176 84.1 0.0 163.4

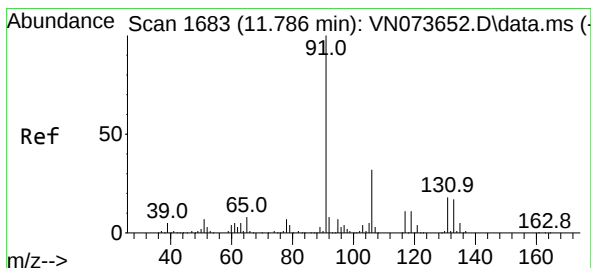
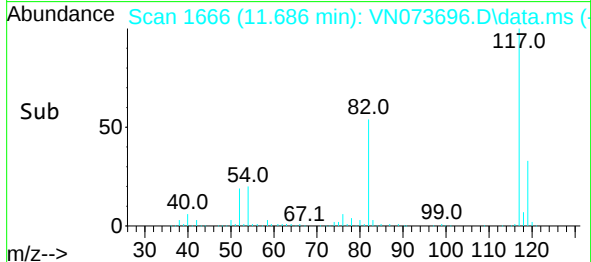
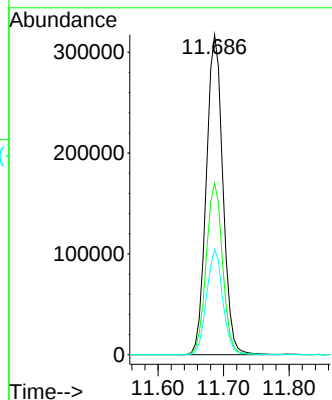
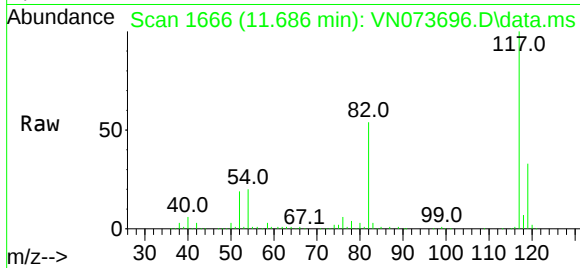




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

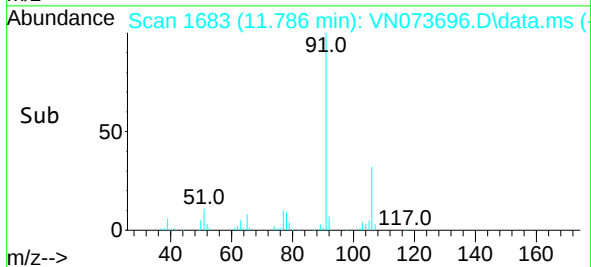
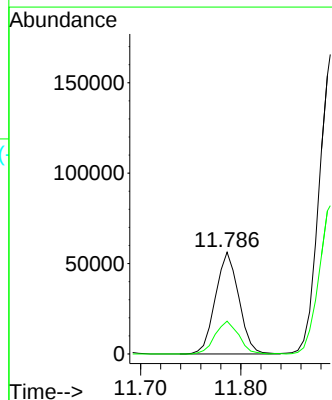
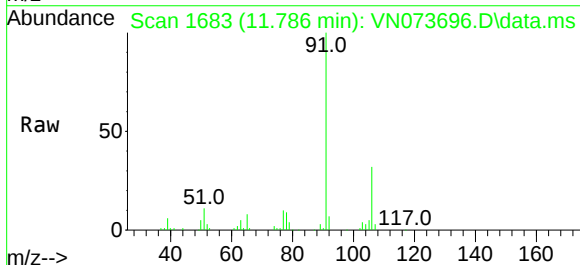
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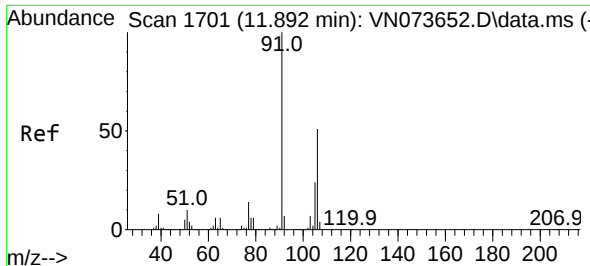
Tgt Ion:117 Resp: 557641
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.9 25.4 38.0



#67
Ethyl Benzene
Concen: 4.551 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

Tgt Ion: 91 Resp: 90942
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

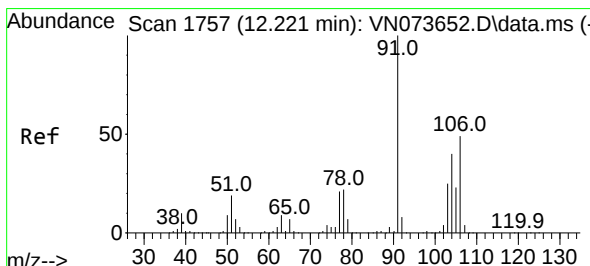
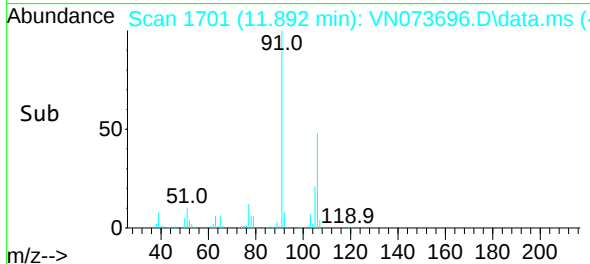
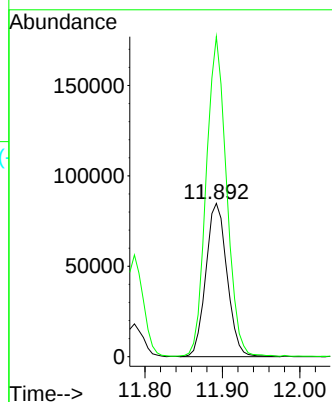
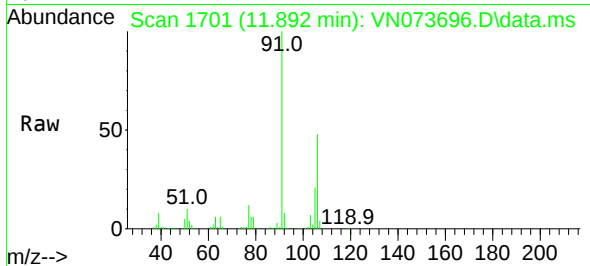




#68
m/p-Xylenes
Concen: 21.068 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

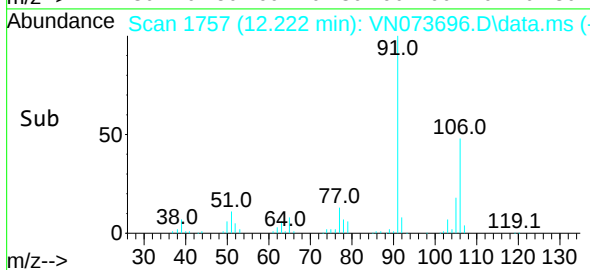
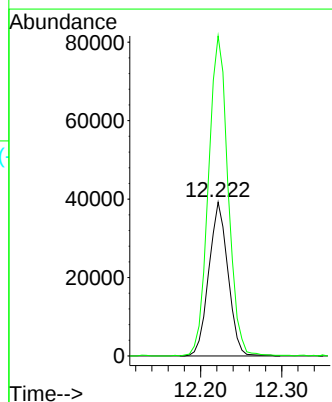
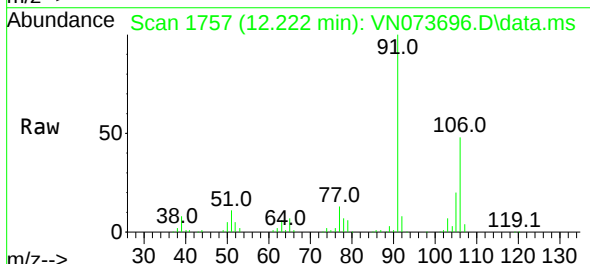
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ClientSampleId :
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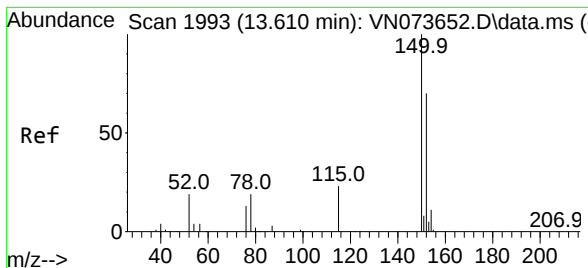
Tgt Ion:106 Resp: 160569
Ion Ratio Lower Upper
106 100
91 200.4 158.9 238.3



#69
o-Xylene
Concen: 8.628 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

Tgt Ion:106 Resp: 64110
Ion Ratio Lower Upper
106 100
91 214.2 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073696.D

Acq: 02 Aug 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

MW-14R

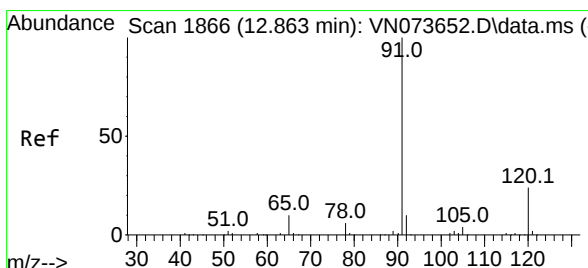
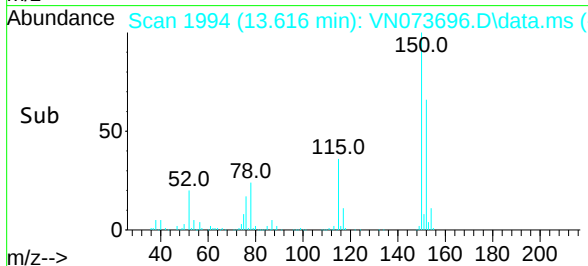
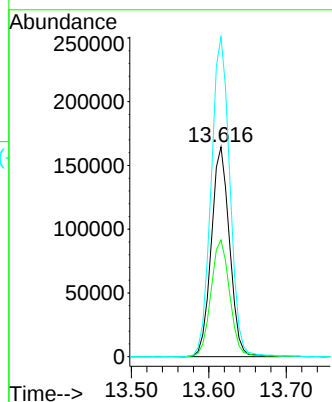
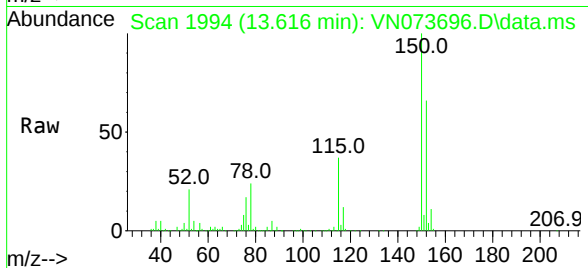
Tgt Ion:152 Resp: 268901

Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 156.6 0.0 356.2



#78

n-propylbenzene

Concen: 0.642 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073696.D

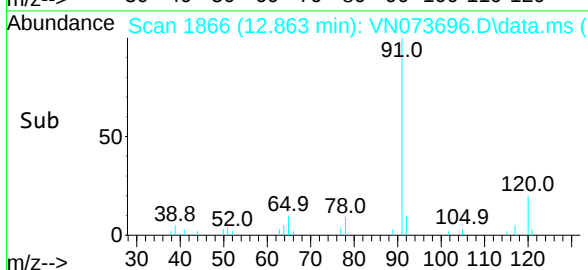
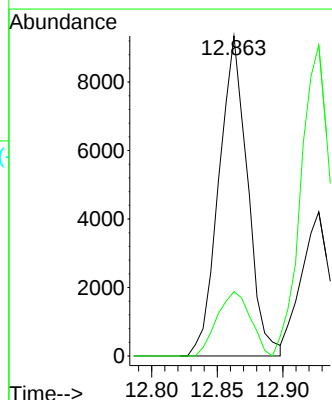
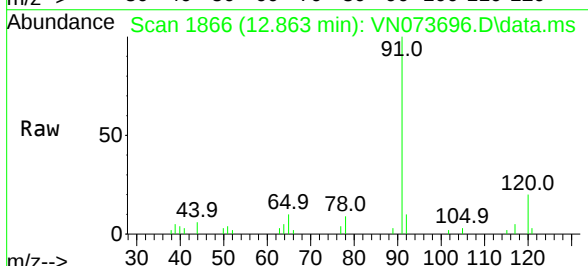
Acq: 02 Aug 2022 18:53

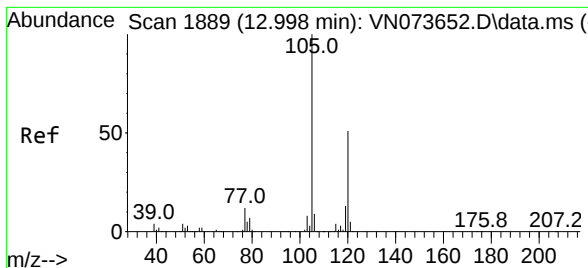
Tgt Ion: 91 Resp: 14214

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 1.379 ug/l

RT: 13.004 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VN073696.D

Acq: 02 Aug 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

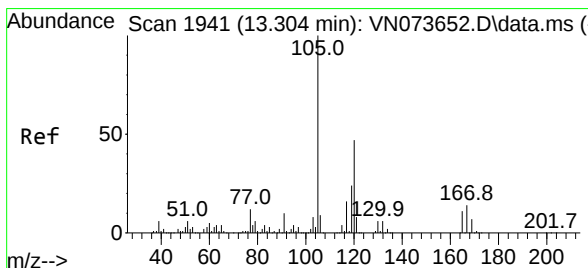
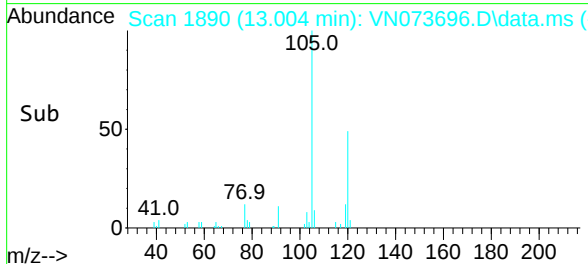
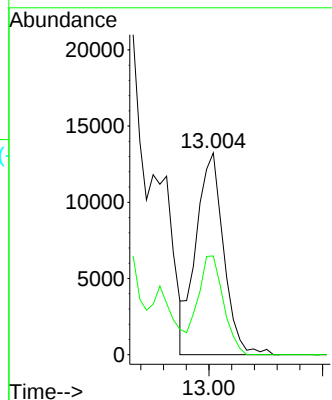
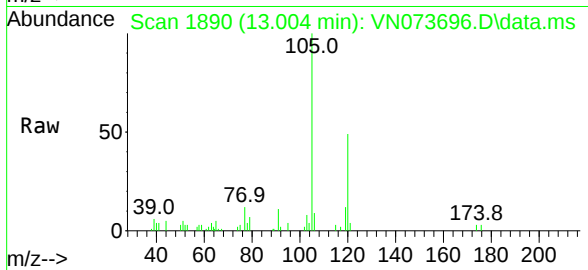
MW-14R

Tgt Ion:105 Resp: 22345

Ion Ratio Lower Upper

105 100

120 44.8 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 4.382 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073696.D

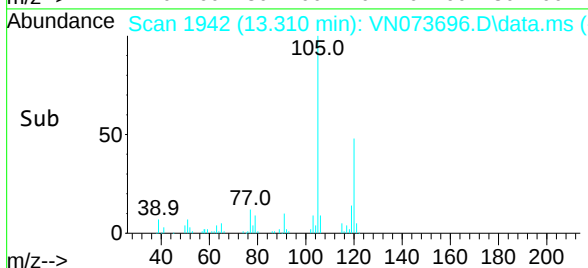
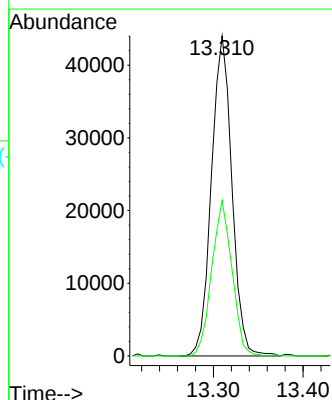
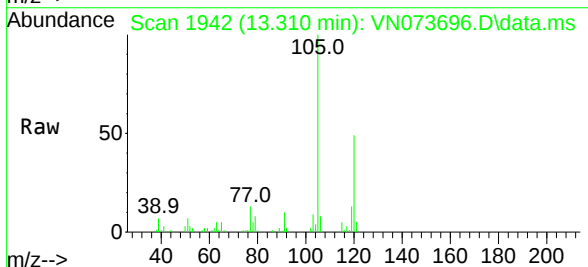
Acq: 02 Aug 2022 18:53

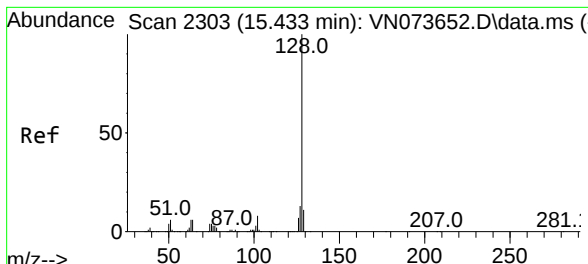
Tgt Ion:105 Resp: 69803

Ion Ratio Lower Upper

105 100

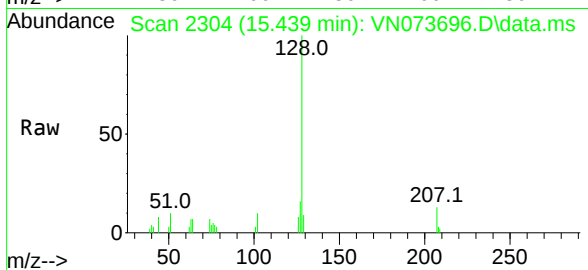
120 48.0 23.3 69.8





#95
Naphthalene
Concen: 1.078 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073696.D
Acq: 02 Aug 2022 18:53

Instrument :
MSVOA_N
ClientSampleId :
MW-14R



Tgt Ion:	128	Resp:	16475
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.3	15.5
129	10.8	8.6	13.0

