

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082263.D
 Acq On : 22 May 2024 01:08
 Operator : JC\MD
 Sample : P2494-03 40X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3

Quant Time: May 22 04:36:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

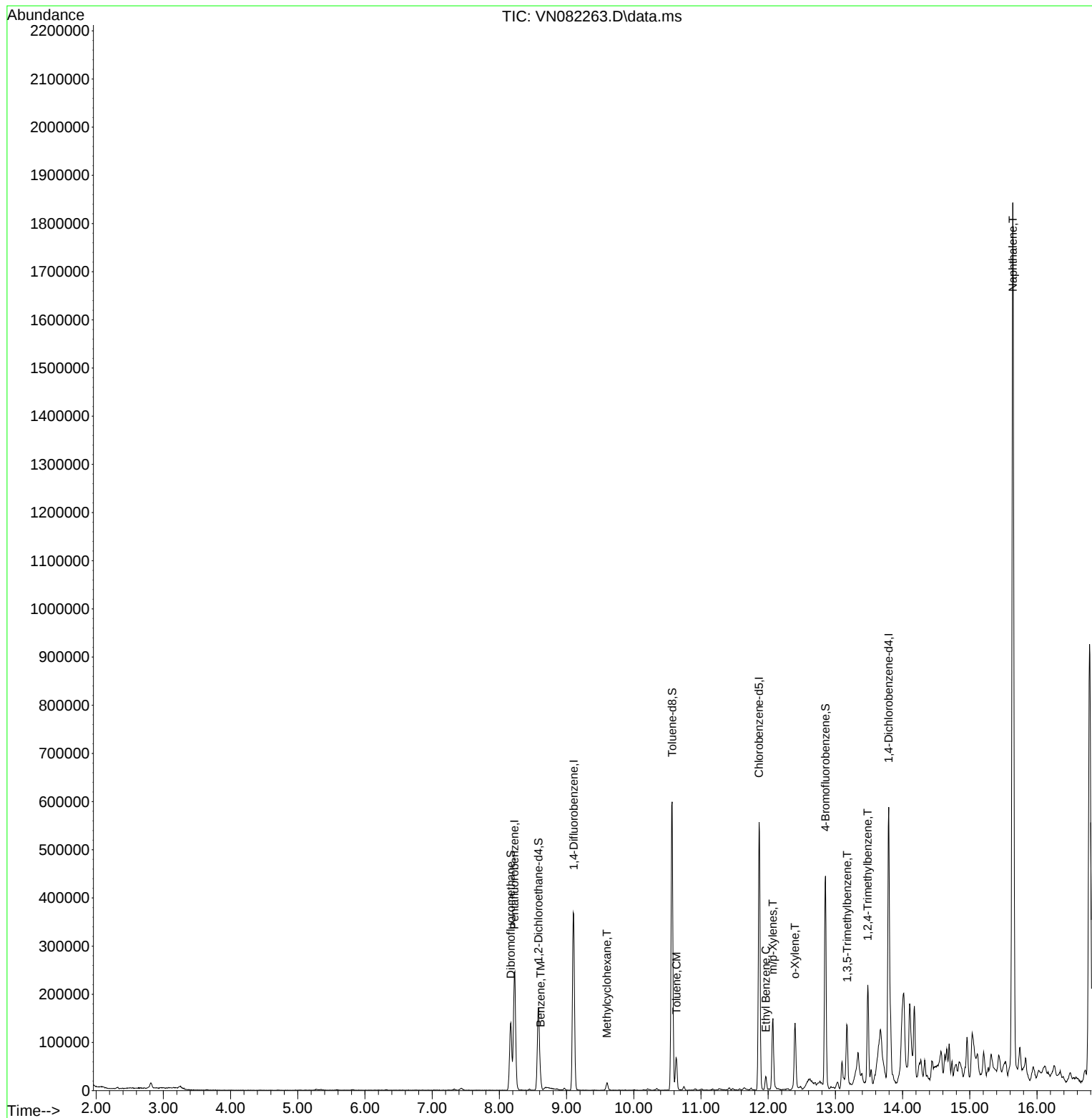
Internal Standards						
1) Pentafluorobenzene	8.224	168	170342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140118	52.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.171	113	99100	53.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.580%			
50) Toluene-d8	10.571	98	388942	54.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.100%			
62) 4-Bromofluorobenzene	12.853	95	145203	57.059	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.120%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	5931	1.735	ug/l #	87
40) Benzene	8.612	78	16073	1.728	ug/l #	88
52) Toluene	10.635	92	27935	5.005	ug/l	98
67) Ethyl Benzene	11.965	91	18621	1.626	ug/l	94
68) m/p-Xylenes	12.070	106	38156	9.092	ug/l	89
69) o-Xylene	12.400	106	33385	8.213	ug/l	84
80) 1,3,5-Trimethylbenzene	13.176	105	58598	6.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	115403	12.584	ug/l	98
95) Naphthalene	15.641	128	1592128	200.061	ug/l	99

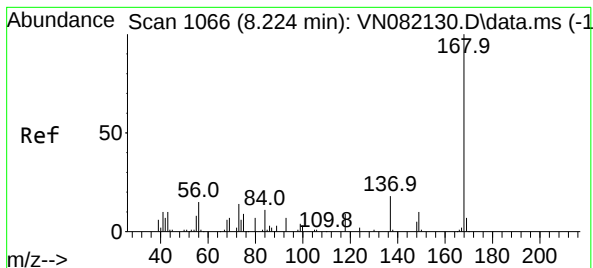
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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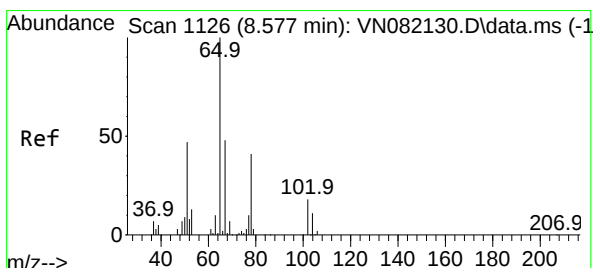
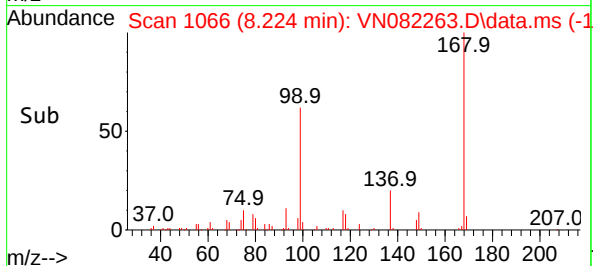
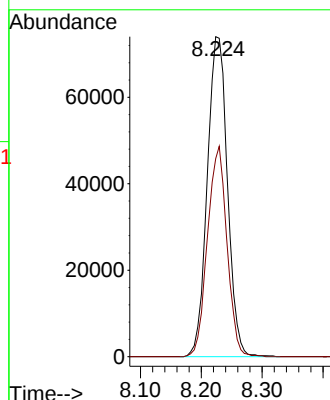
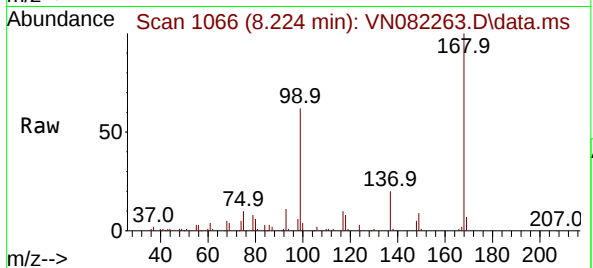




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

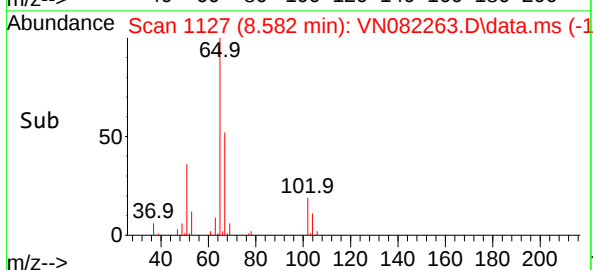
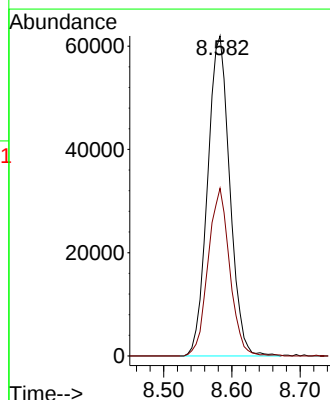
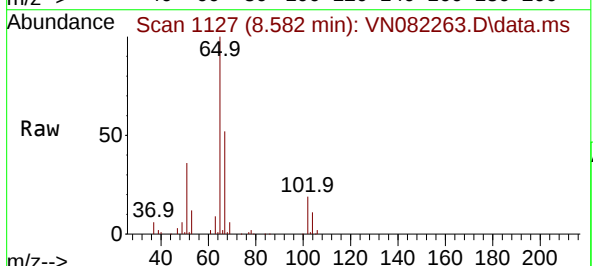
Instrument :
MSVOA_N
ClientSampleId :
3

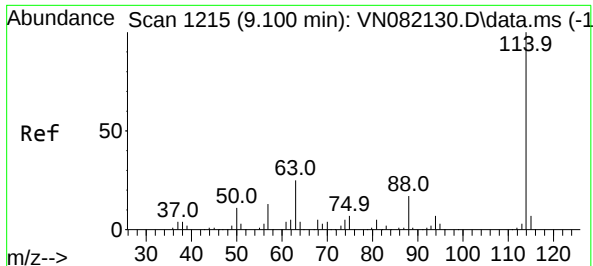
Tgt Ion:168 Resp: 170342
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.093 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

Tgt Ion: 65 Resp: 140118
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082263.D

Acq: 22 May 2024 01:08

Instrument :

MSVOA_N

ClientSampleId :

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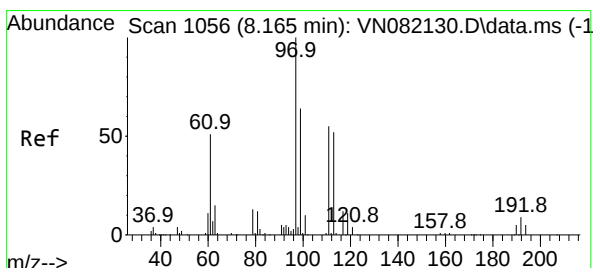
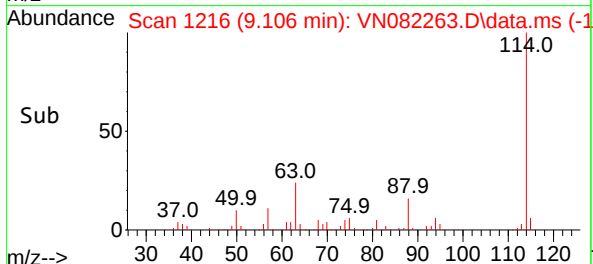
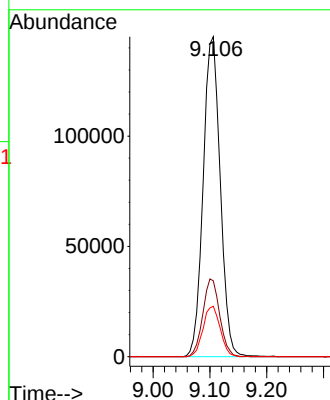
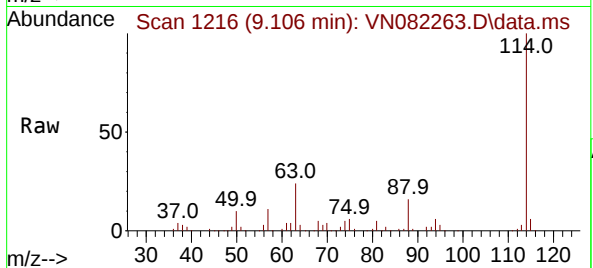
Tgt Ion:114 Resp: 302308

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.289 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082263.D

Acq: 22 May 2024 01:08

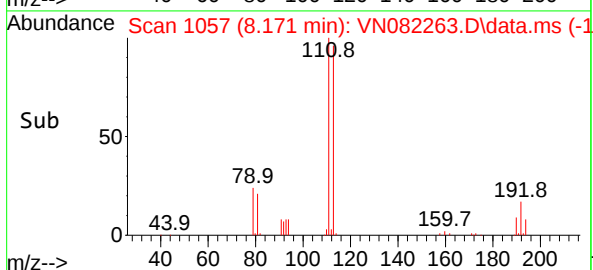
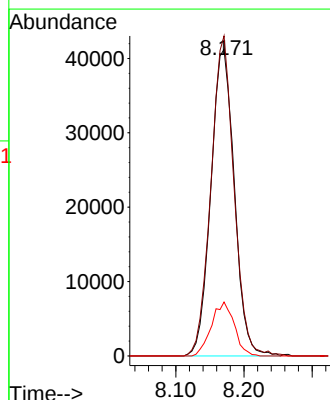
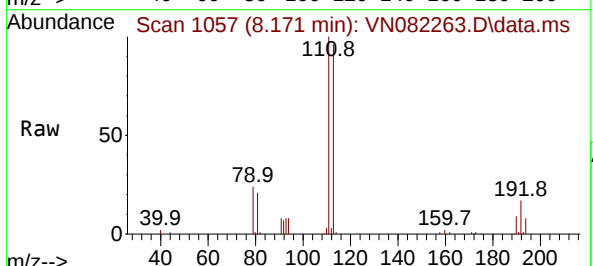
Tgt Ion:113 Resp: 99100

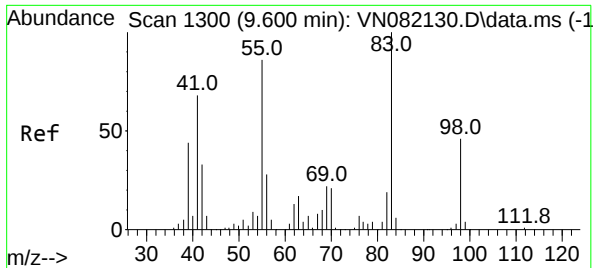
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 17.1 14.0 21.0





#39

Methylcyclohexane

Concen: 1.735 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082263.D

Acq: 22 May 2024 01:08

Instrument :

MSVOA_N

ClientSampleId :

3

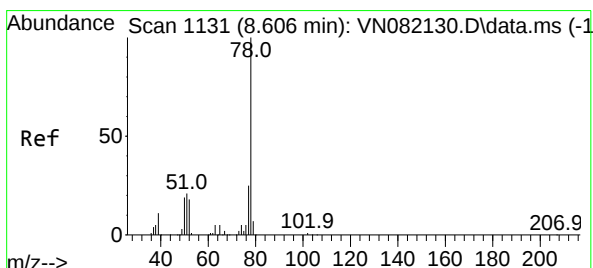
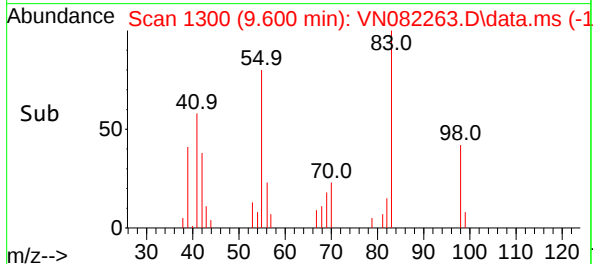
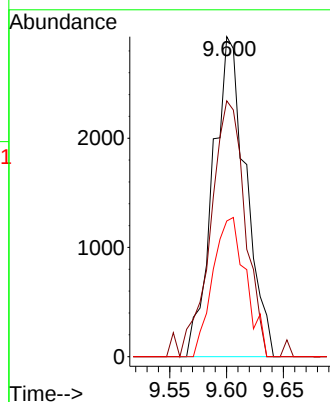
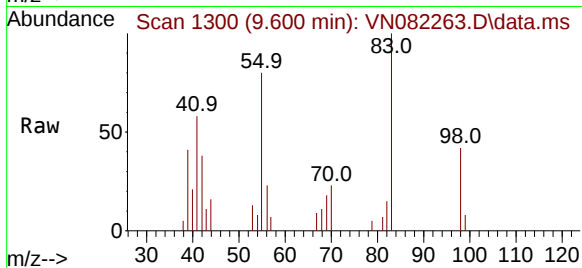
Tgt Ion: 83 Resp: 5931

Ion Ratio Lower Upper

83 100

55 79.9 53.0 79.6#

98 42.4 37.1 55.7



#40

Benzene

Concen: 1.728 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082263.D

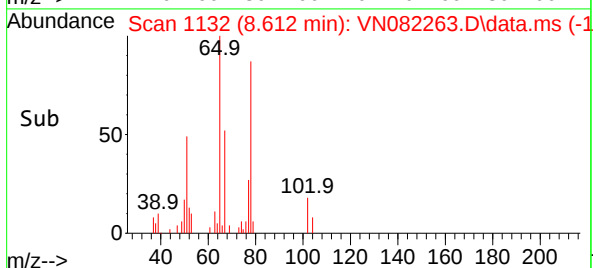
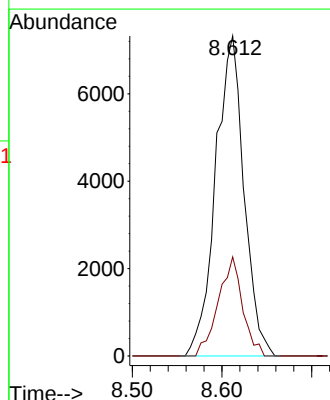
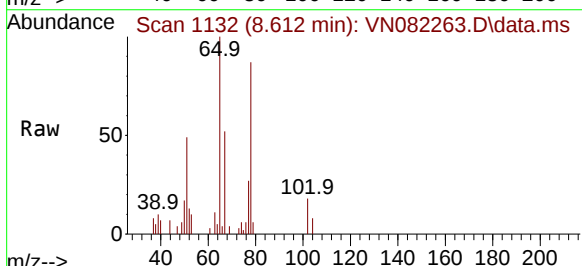
Acq: 22 May 2024 01:08

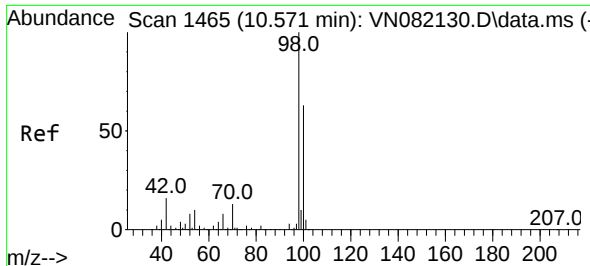
Tgt Ion: 78 Resp: 16073

Ion Ratio Lower Upper

78 100

77 31.0 20.0 30.0#

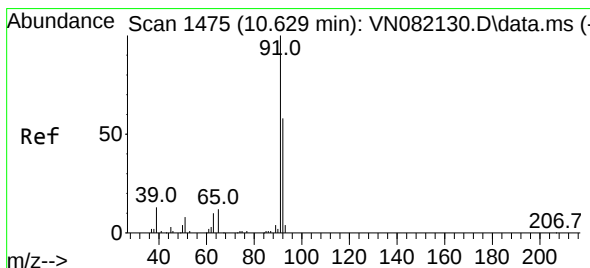
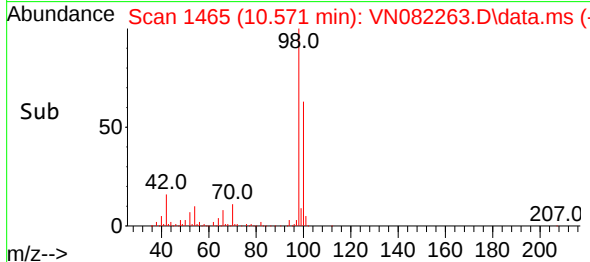
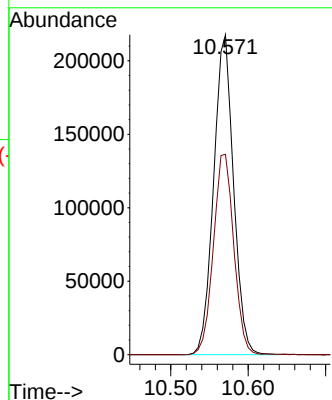
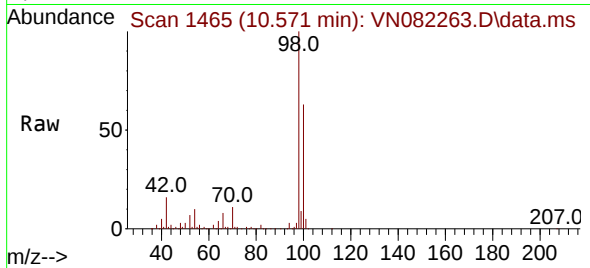




#50
Toluene-d8
Concen: 54.552 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

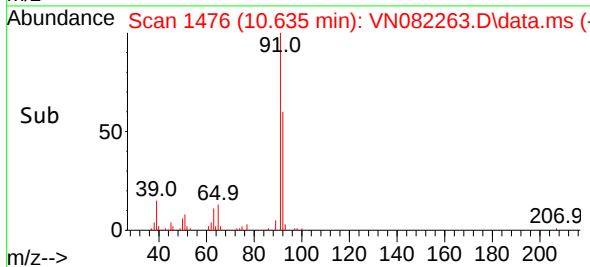
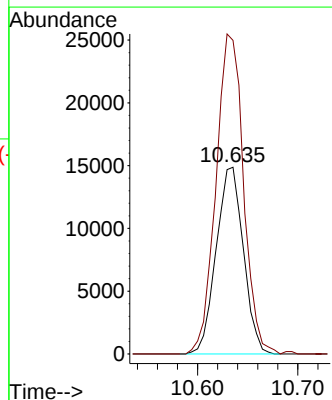
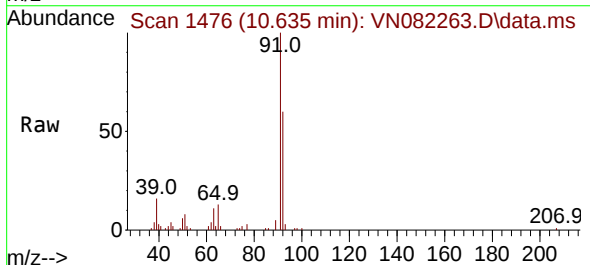
Instrument :
MSVOA_N
ClientSampleId :
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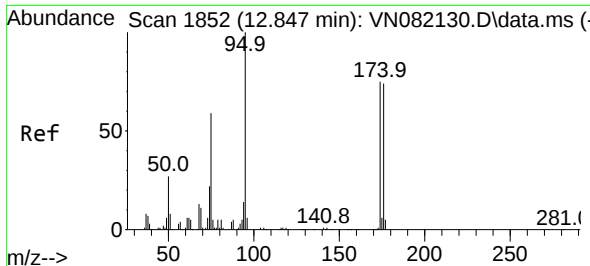
Tgt Ion: 98 Resp: 388942
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#52
Toluene
Concen: 5.005 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

Tgt Ion: 92 Resp: 27935
Ion Ratio Lower Upper
92 100
91 173.7 136.7 205.1

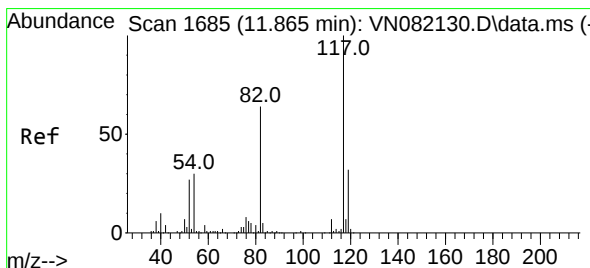
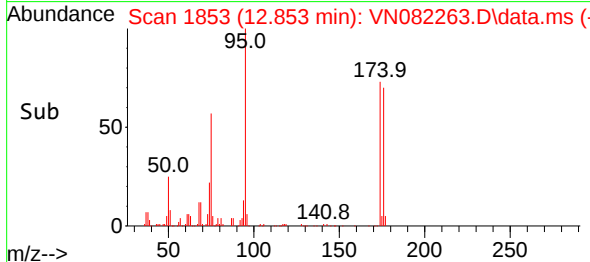
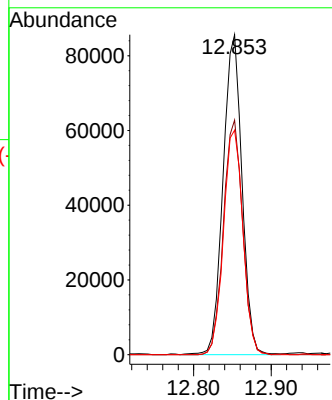
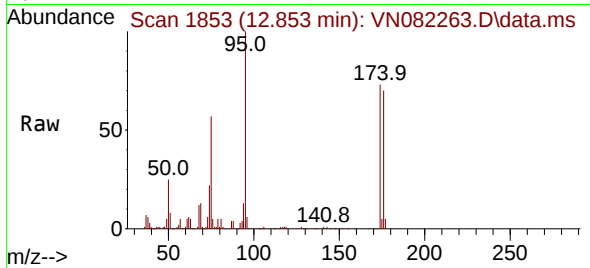




#62
4-Bromofluorobenzene
Concen: 57.059 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

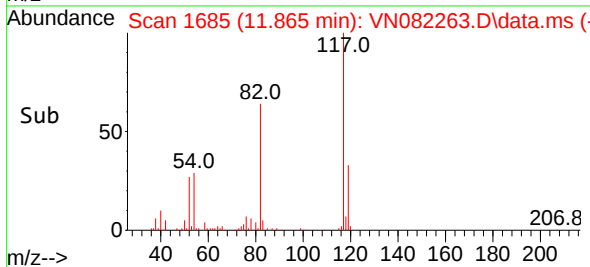
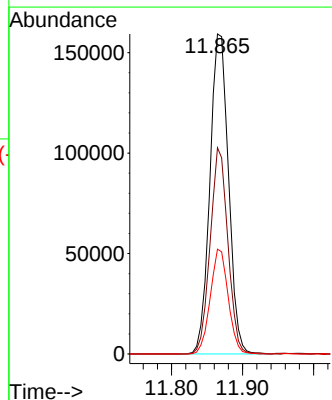
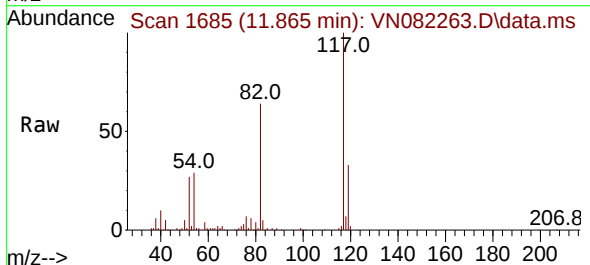
Instrument :
MSVOA_N
ClientSampleId :
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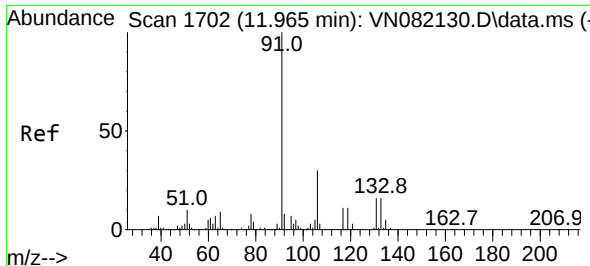
Tgt Ion: 95 Resp: 145203
Ion Ratio Lower Upper
95 100
174 74.1 0.0 160.6
176 72.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

Tgt Ion: 117 Resp: 289738
Ion Ratio Lower Upper
117 100
82 64.5 44.6 66.8
119 32.8 25.9 38.9





#67

Ethyl Benzene

Concen: 1.626 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082263.D

Acq: 22 May 2024 01:08

Instrument :

MSVOA_N

ClientSampleId :

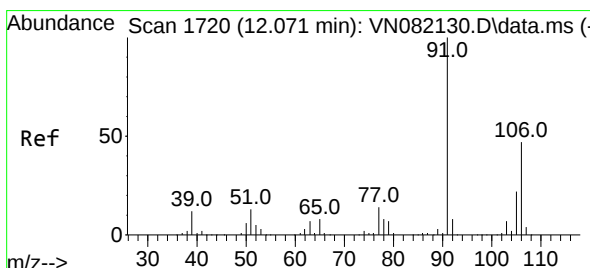
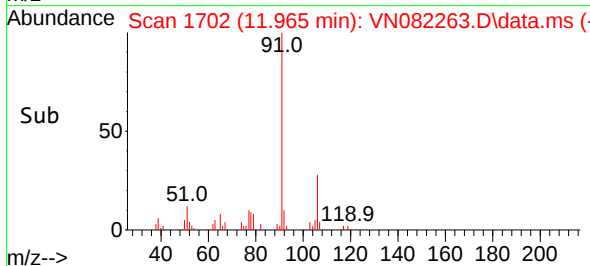
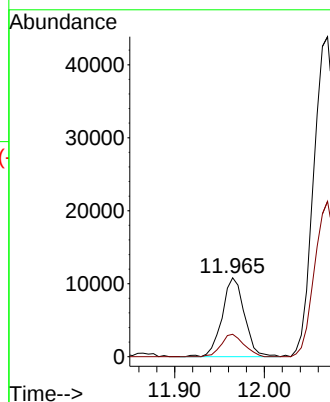
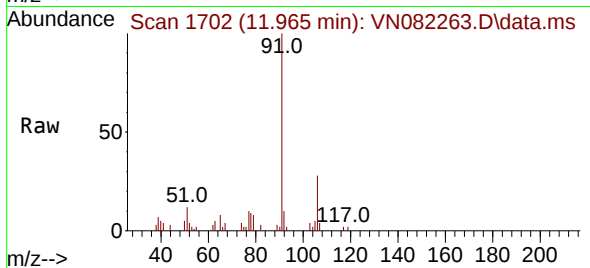
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Tgt Ion: 91 Resp: 18621

Ion Ratio Lower Upper

91 100

106 28.4 25.3 37.9



#68

m/p-Xylenes

Concen: 9.092 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082263.D

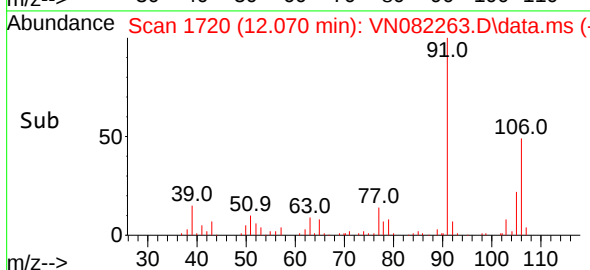
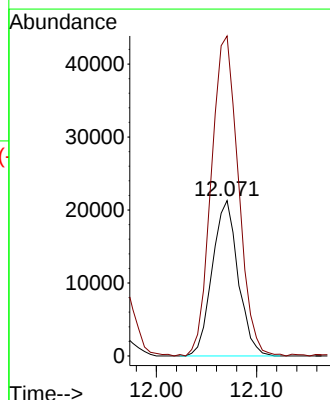
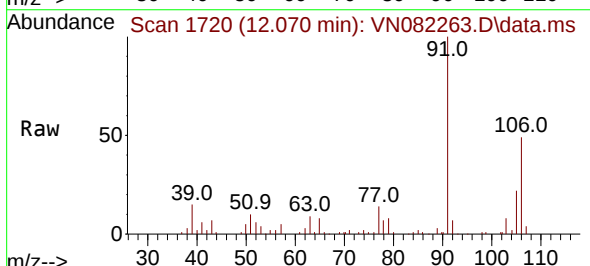
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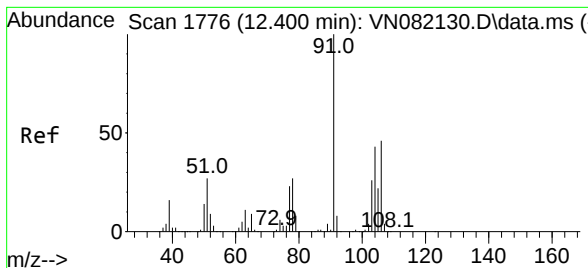
Tgt Ion: 106 Resp: 38156

Ion Ratio Lower Upper

106 100

91 215.9 159.4 239.0

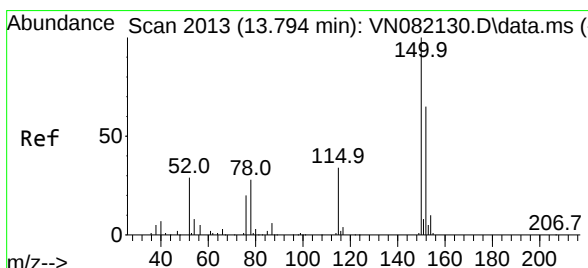
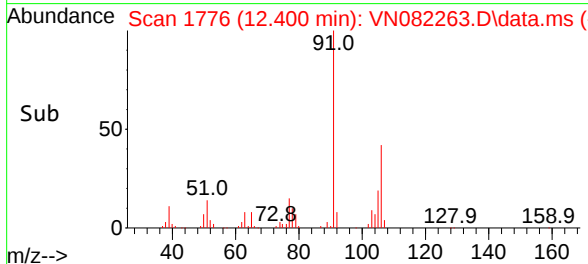
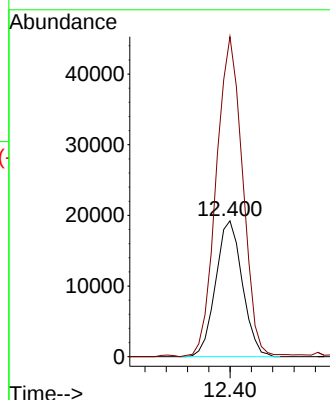
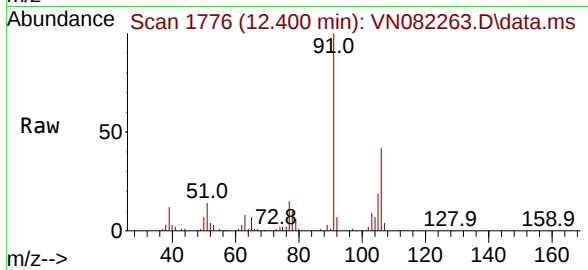




#69
o-Xylene
Concen: 8.213 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

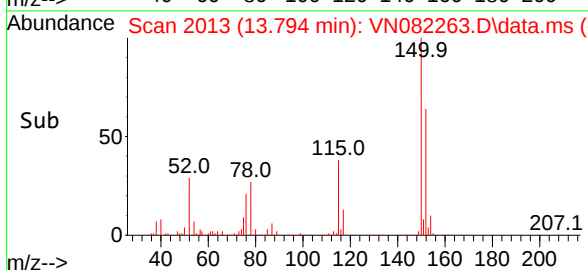
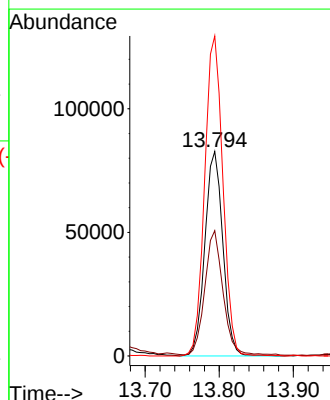
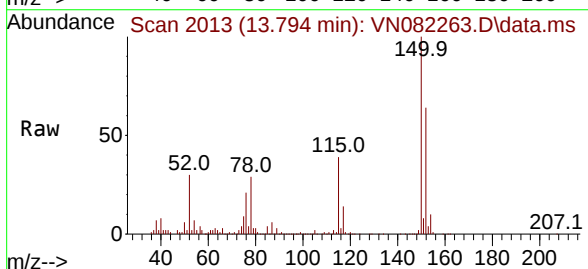
Instrument :
MSVOA_N
ClientSampleId :
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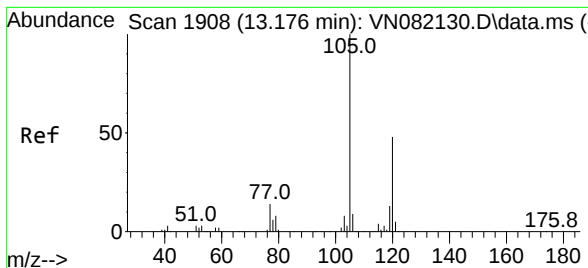
Tgt Ion:106 Resp: 33385
Ion Ratio Lower Upper
106 100
91 234.7 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082263.D
Acq: 22 May 2024 01:08

Tgt Ion:152 Resp: 139535
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 158.2 0.0 353.2





#80

1,3,5-Trimethylbenzene

Concen: 6.537 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082263.D

Acq: 22 May 2024 01:08

Instrument :

MSVOA_N

ClientSampleId :

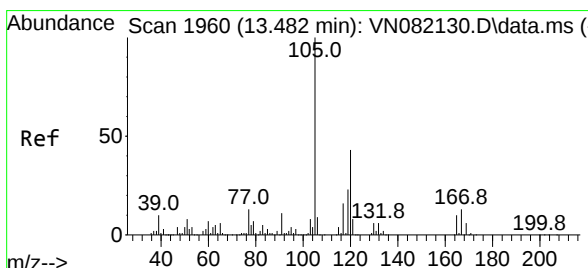
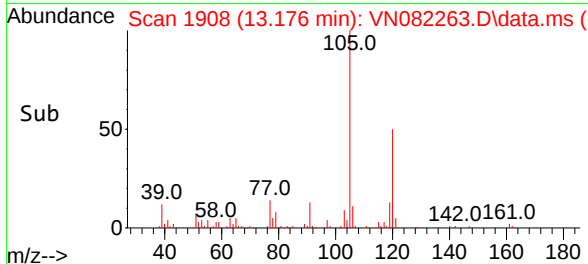
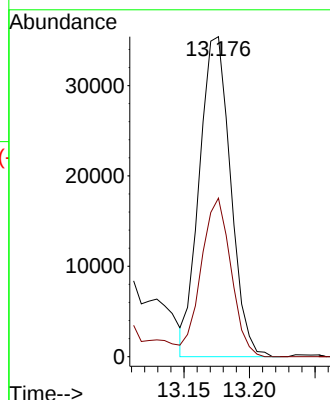
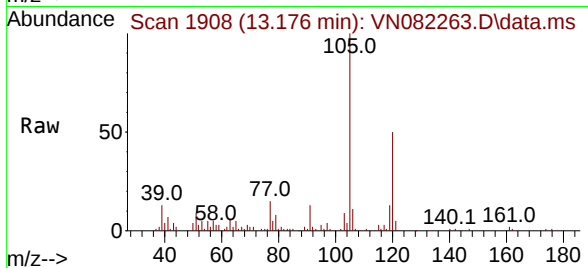
3

Tgt Ion:105 Resp: 58598

Ion Ratio Lower Upper

105 100

120 47.4 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 12.584 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082263.D

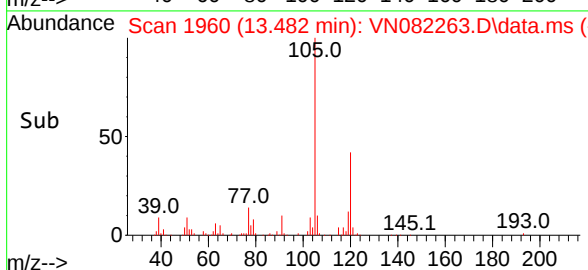
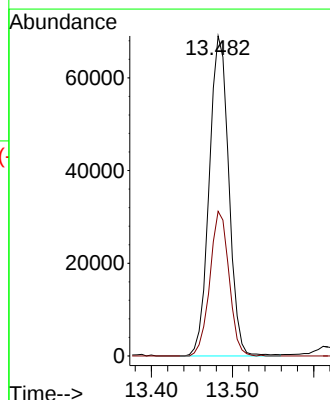
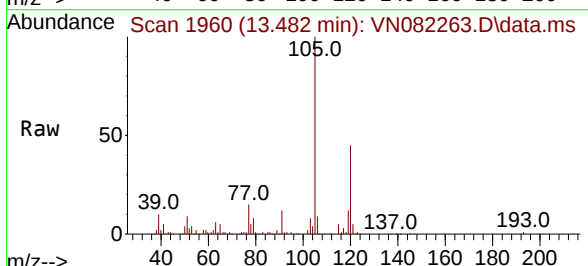
Acq: 22 May 2024 01:08

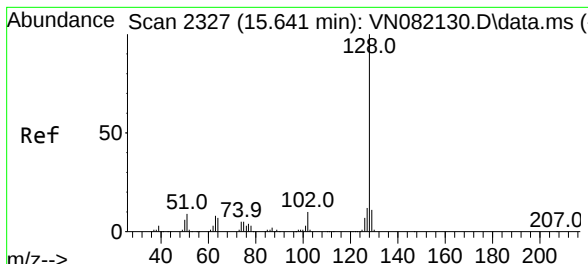
Tgt Ion:105 Resp: 115403

Ion Ratio Lower Upper

105 100

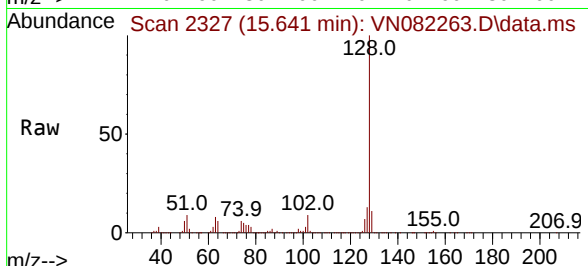
120 44.2 22.9 68.7





#95
 Naphthalene
 Concen: 200.061 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082263.D
 Acq: 22 May 2024 01:08

Instrument :
 MSVOA_N
 ClientSampleId :
 3



Tgt Ion:128 Resp: 1592128

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.1	15.1
129	11.0	8.9	13.3

