

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082269.D
 Acq On : 22 May 2024 03:33
 Operator : JC\MD
 Sample : P2494-09 40X
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9

Quant Time: May 22 04:39:12 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)

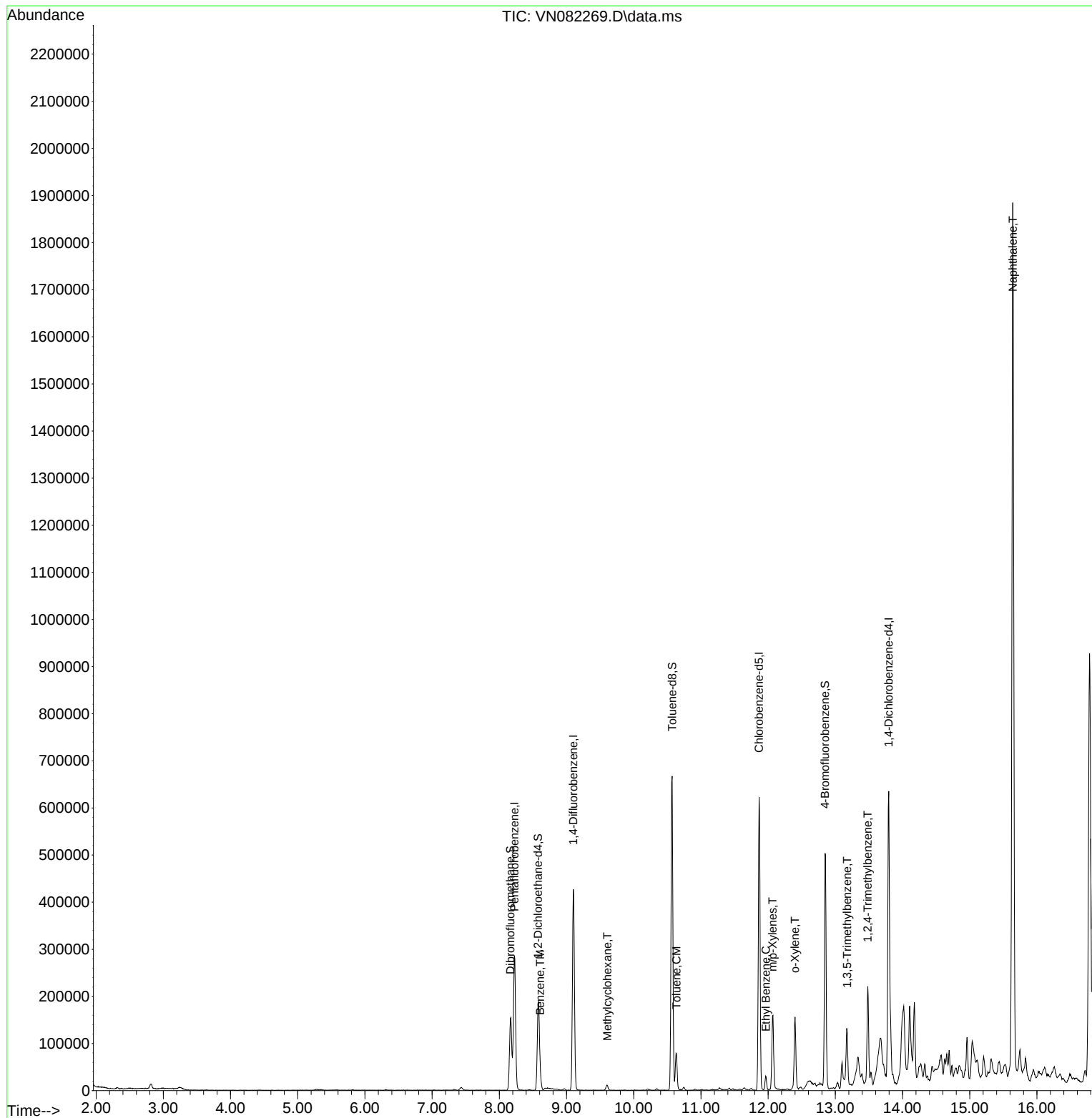
Internal Standards						
1) Pentafluorobenzene	8.224	168	197014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156978	50.461	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.920%		
35) Dibromofluoromethane	8.165	113	108323	51.695	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.400%		
50) Toluene-d8	10.571	98	436654	54.353	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.700%		
62) 4-Bromofluorobenzene	12.847	95	162678	56.734	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 113.460%		
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.606	83	4358	1.131	ug/l #	77
40) Benzene	8.606	78	20037	1.912	ug/l	96
52) Toluene	10.635	92	31811	5.058	ug/l	91
67) Ethyl Benzene	11.965	91	18886	1.454	ug/l	97
68) m/p-Xylenes	12.065	106	42853	8.999	ug/l	89
69) o-Xylene	12.400	106	36392	7.890	ug/l	86
80) 1,3,5-Trimethylbenzene	13.176	105	54434	5.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	113776	11.311	ug/l	98
95) Naphthalene	15.641	128	1636177	187.443	ug/l	99

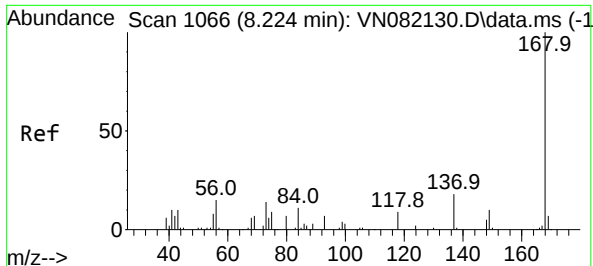
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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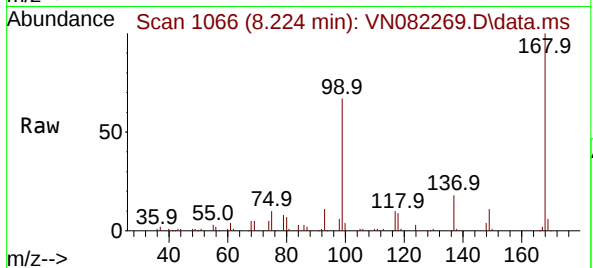
Quant Time: May 22 04:39:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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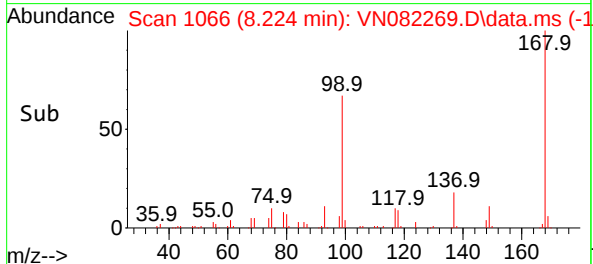
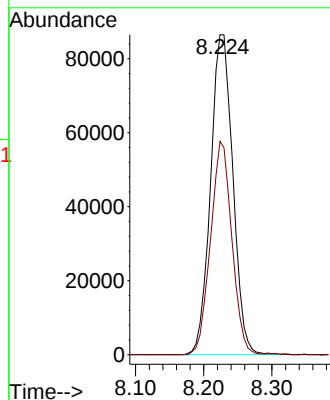


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

Instrument :
MSVOA_N
ClientSampleId :
9

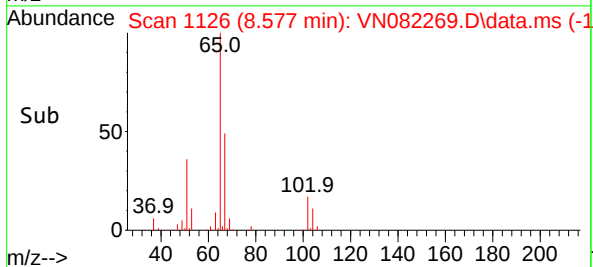
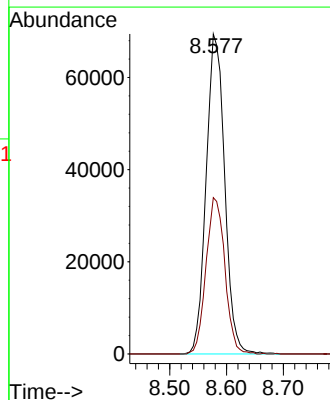
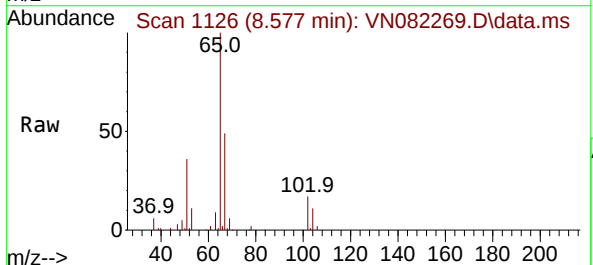


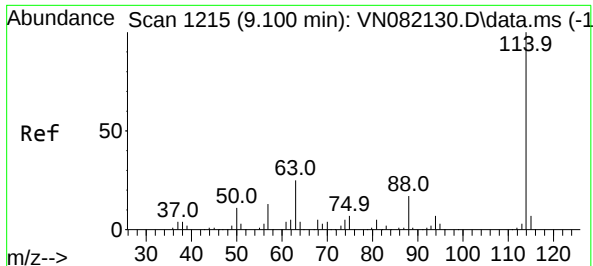
Tgt Ion:168 Resp: 197014
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.461 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

Tgt Ion: 65 Resp: 156978
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

Instrument :

MSVOA_N

ClientSampleId :

9

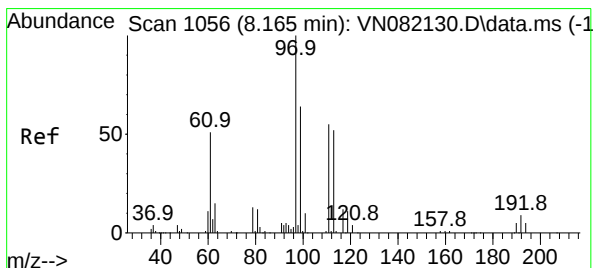
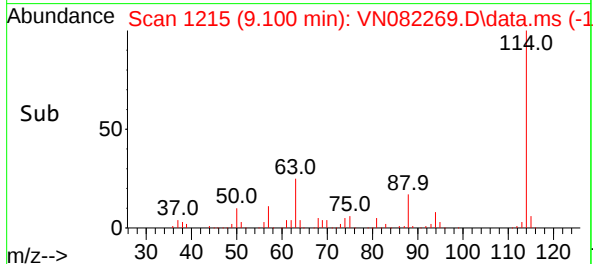
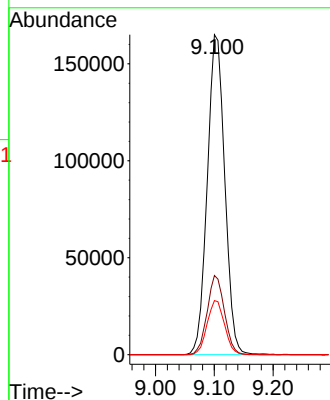
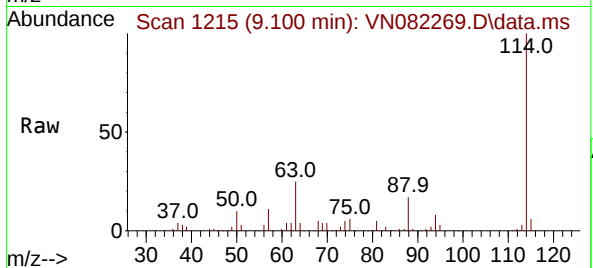
Tgt Ion:114 Resp: 340633

Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.695 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

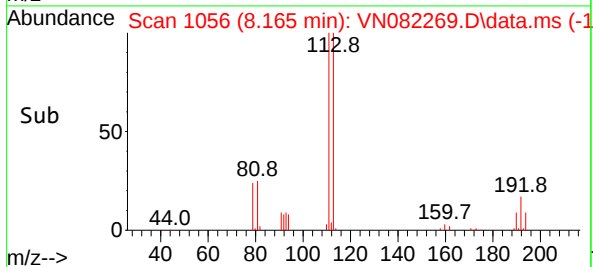
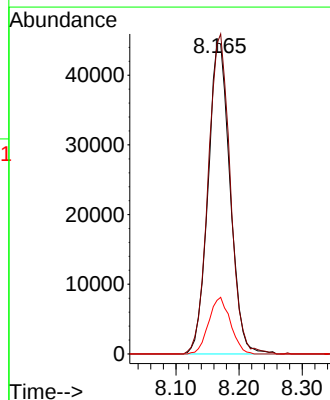
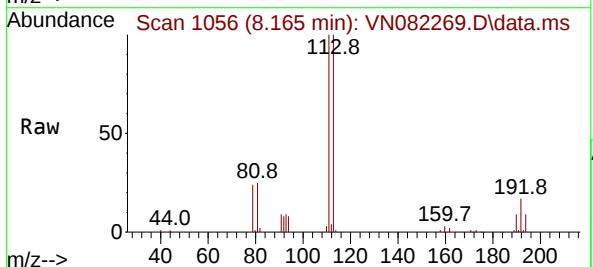
Tgt Ion:113 Resp: 108323

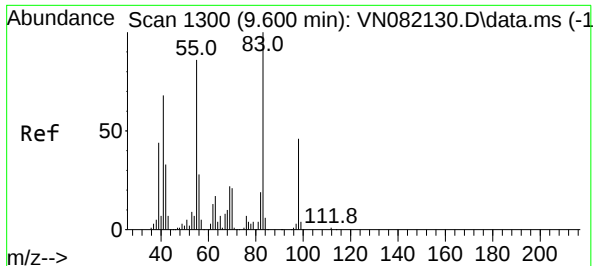
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 17.9 14.0 21.0





#39

Methylcyclohexane

Concen: 1.131 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

Instrument :

MSVOA_N

ClientSampleId :

9

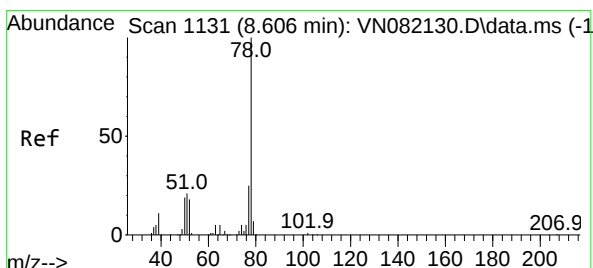
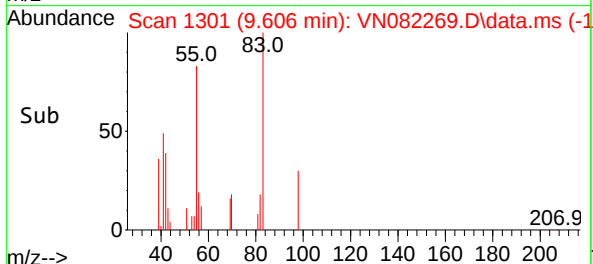
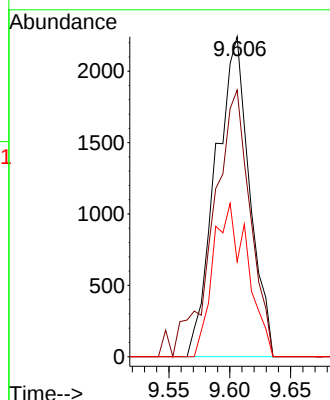
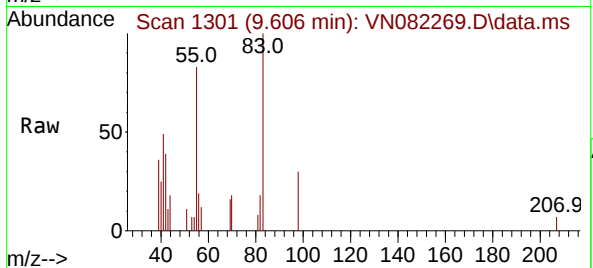
Tgt Ion: 83 Resp: 4358

Ion Ratio Lower Upper

83 100

55 83.3 53.0 79.6#

98 29.7 37.1 55.7#



#40

Benzene

Concen: 1.912 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082269.D

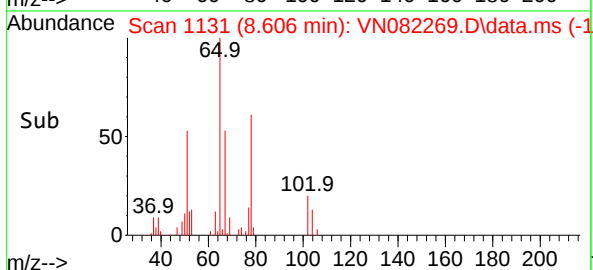
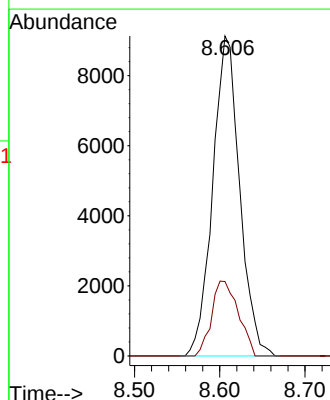
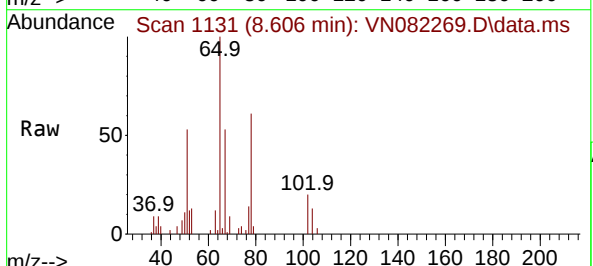
Acq: 22 May 2024 03:33

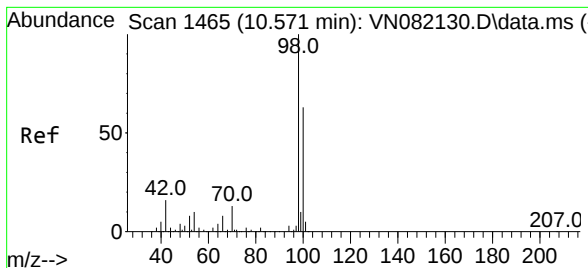
Tgt Ion: 78 Resp: 20037

Ion Ratio Lower Upper

78 100

77 23.2 20.0 30.0





#50

Toluene-d8

Concen: 54.353 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

Instrument :

MSVOA_N

ClientSampleId :

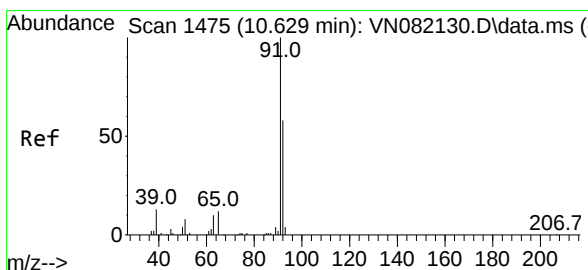
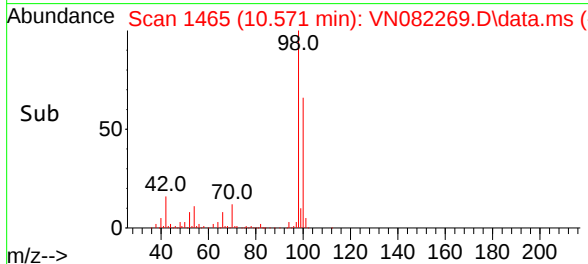
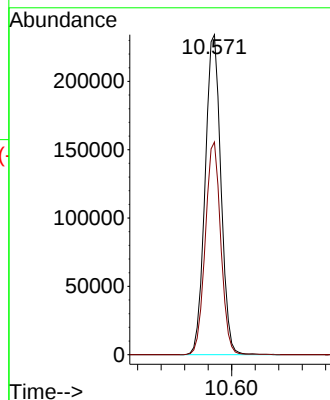
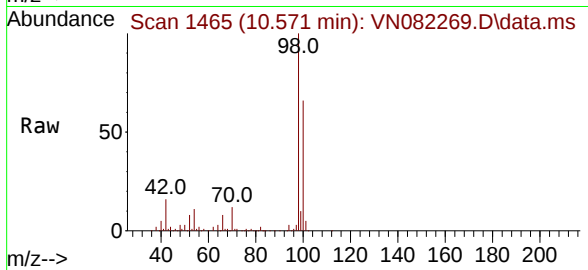
9

Tgt Ion: 98 Resp: 436654

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.6



#52

Toluene

Concen: 5.058 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082269.D

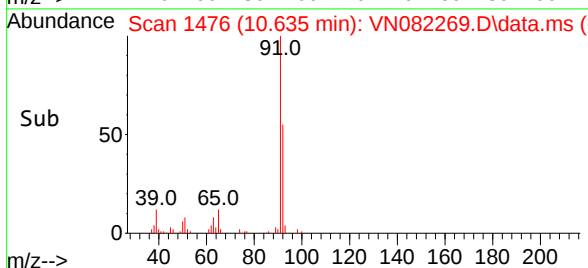
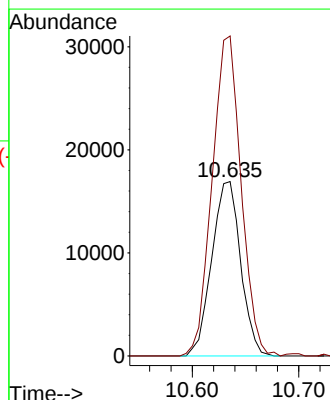
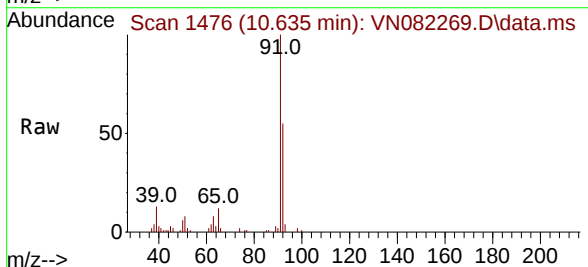
Acq: 22 May 2024 03:33

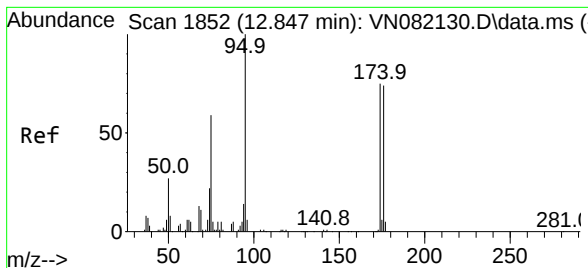
Tgt Ion: 92 Resp: 31811

Ion Ratio Lower Upper

92 100

91 183.8 136.7 205.1

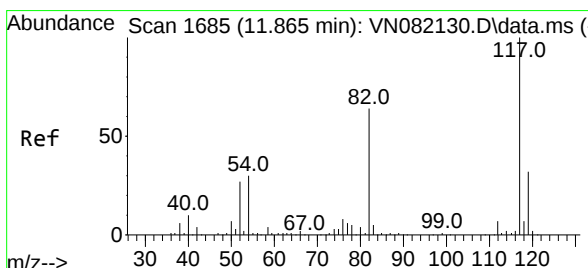
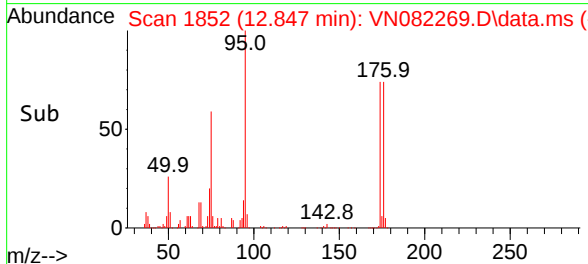
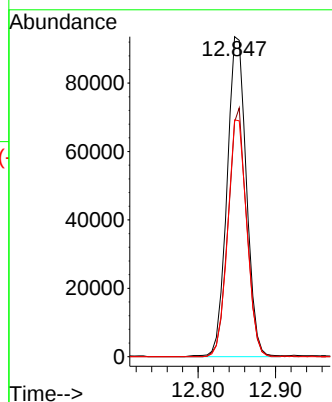
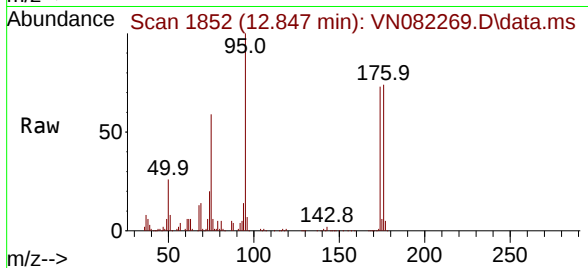




#62
4-Bromofluorobenzene
Concen: 56.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

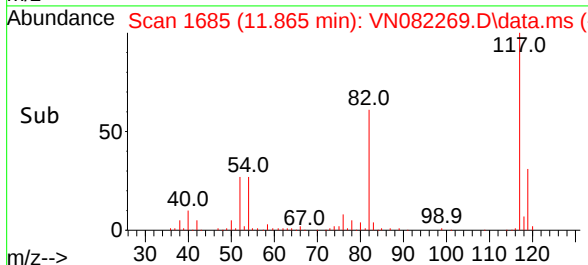
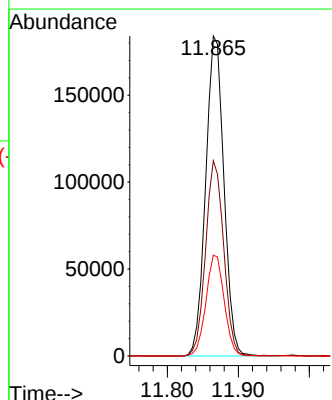
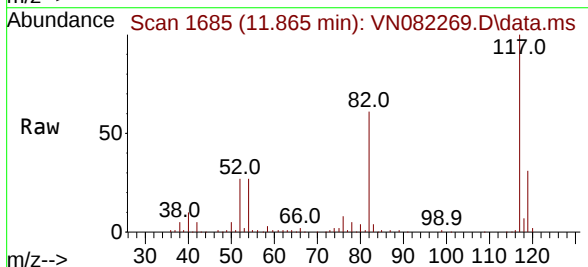
Instrument :
MSVOA_N
ClientSampleId :
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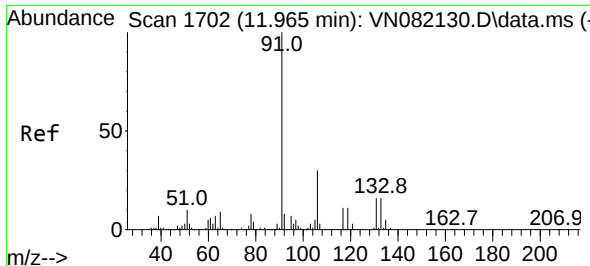
Tgt Ion: 95 Resp: 162678
Ion Ratio Lower Upper
95 100
174 74.0 0.0 160.6
176 73.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

Tgt Ion: 117 Resp: 328770
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 31.5 25.9 38.9

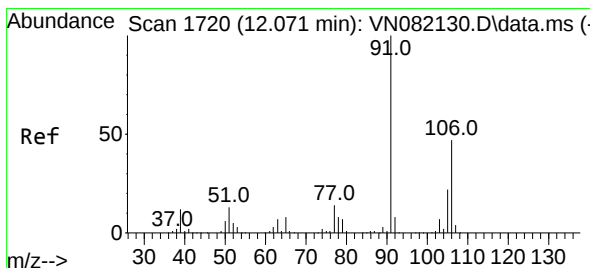
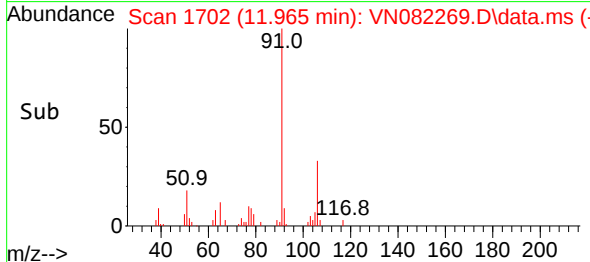
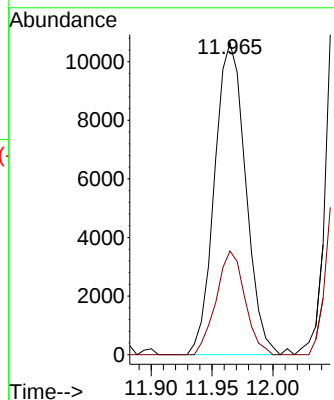
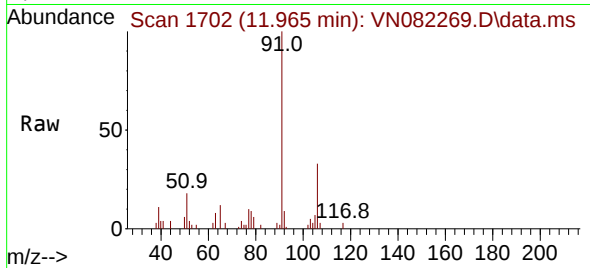




#67
Ethyl Benzene
Concen: 1.454 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

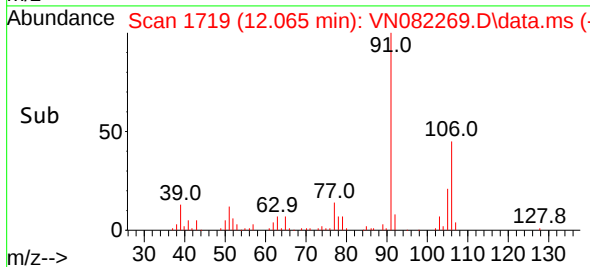
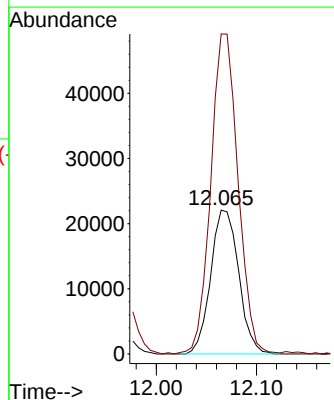
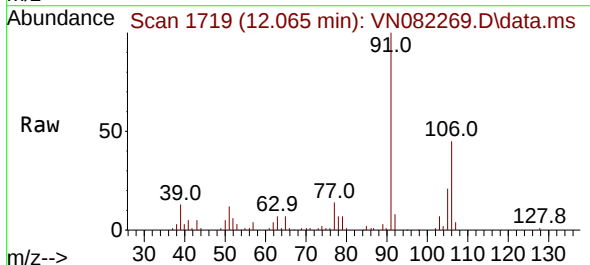
Instrument :
MSVOA_N
ClientSampleId :
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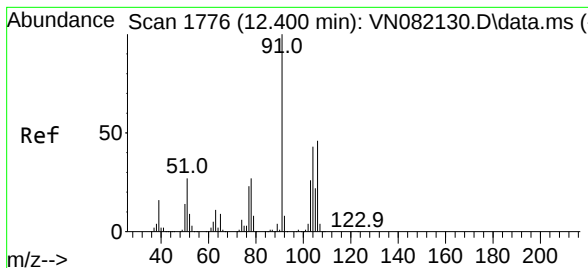
Tgt Ion: 91 Resp: 18886
Ion Ratio Lower Upper
91 100
106 33.3 25.3 37.9



#68
m/p-Xylenes
Concen: 8.999 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

Tgt Ion: 106 Resp: 42853
Ion Ratio Lower Upper
106 100
91 216.5 159.4 239.0





#69

o-Xylene

Concen: 7.890 ug/l

RT: 12.400 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

Instrument :

MSVOA_N

ClientSampleId :

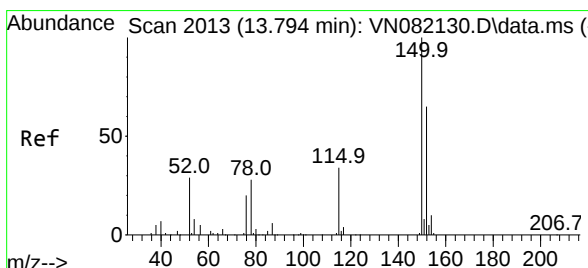
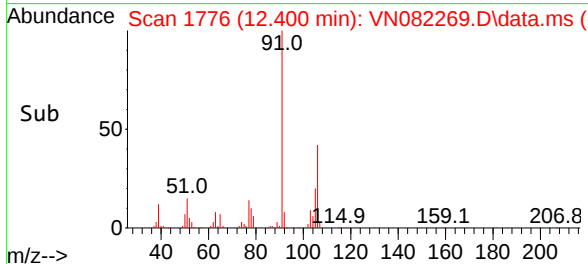
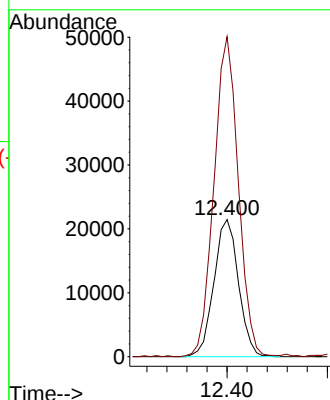
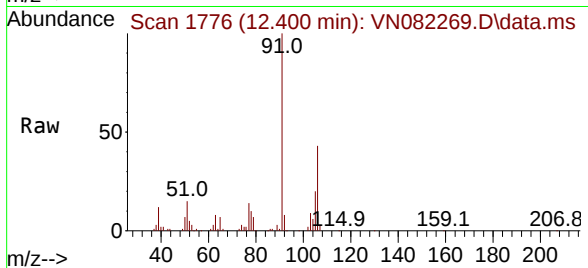
9

Tgt Ion:106 Resp: 36392

Ion Ratio Lower Upper

106 100

91 231.7 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

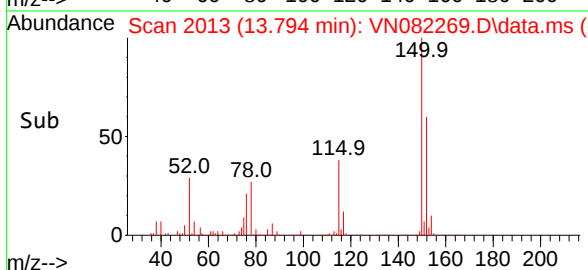
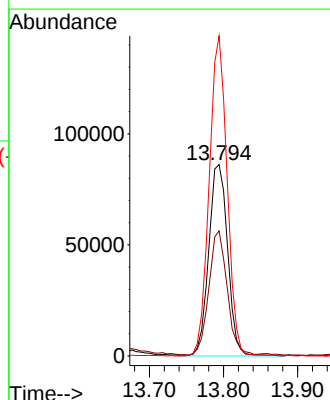
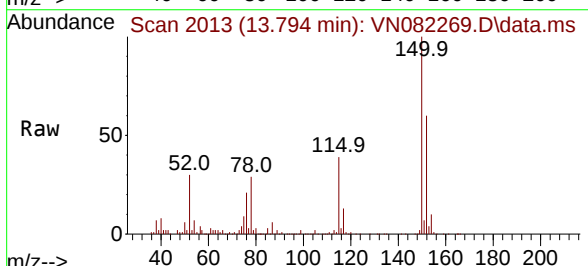
Tgt Ion:152 Resp: 153049

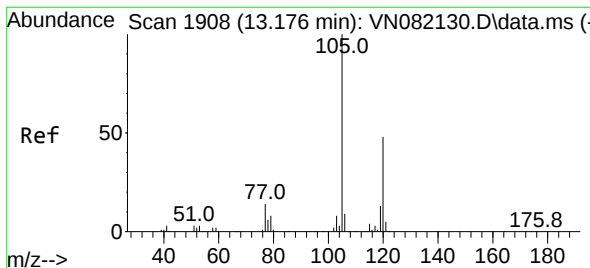
Ion Ratio Lower Upper

152 100

115 62.7 30.4 91.3

150 157.6 0.0 353.2





#80

1,3,5-Trimethylbenzene

Concen: 5.537 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082269.D

Acq: 22 May 2024 03:33

Instrument :

MSVOA_N

ClientSampleId :

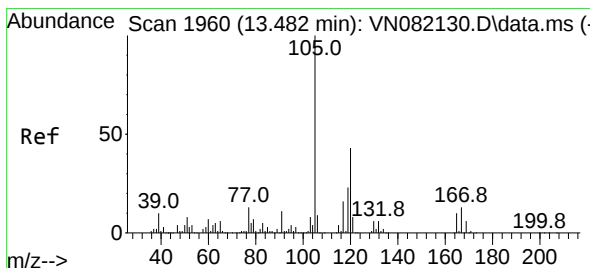
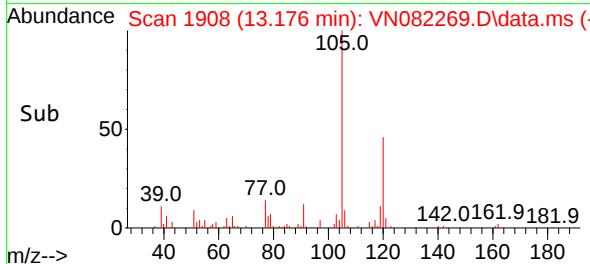
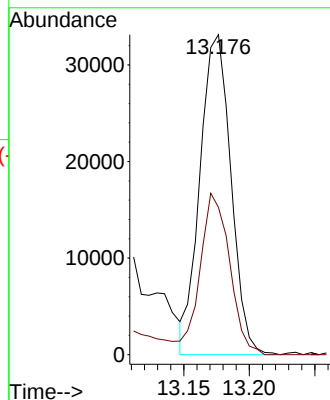
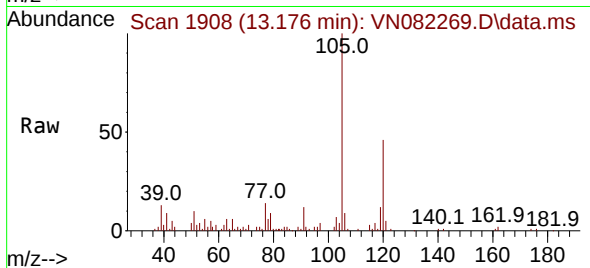
9

Tgt Ion:105 Resp: 54434

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 11.311 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082269.D

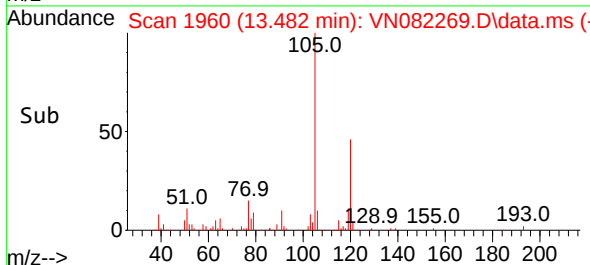
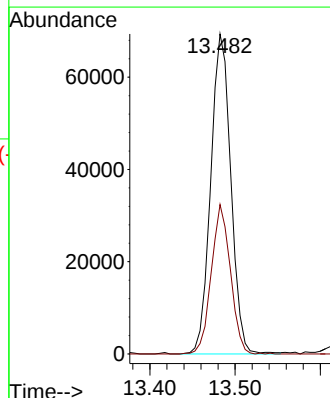
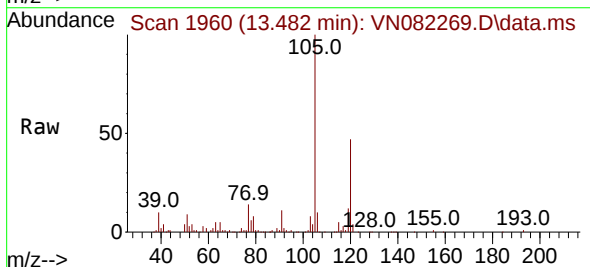
Acq: 22 May 2024 03:33

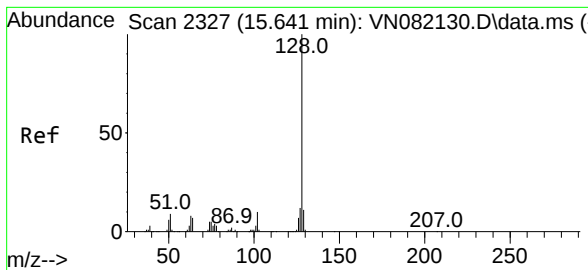
Tgt Ion:105 Resp: 113776

Ion Ratio Lower Upper

105 100

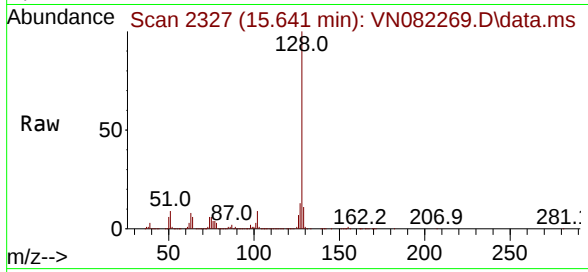
120 44.4 22.9 68.7





#95
Naphthalene
Concen: 187.443 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082269.D
Acq: 22 May 2024 03:33

Instrument :
MSVOA_N
ClientSampleId :
9



Tgt Ion:128 Resp: 1636177

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.0	8.9	13.3

