

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082266.D
 Acq On : 22 May 2024 02:21
 Operator : JC\MD
 Sample : P2494-06 40X
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6

Quant Time: May 22 04:37:45 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)

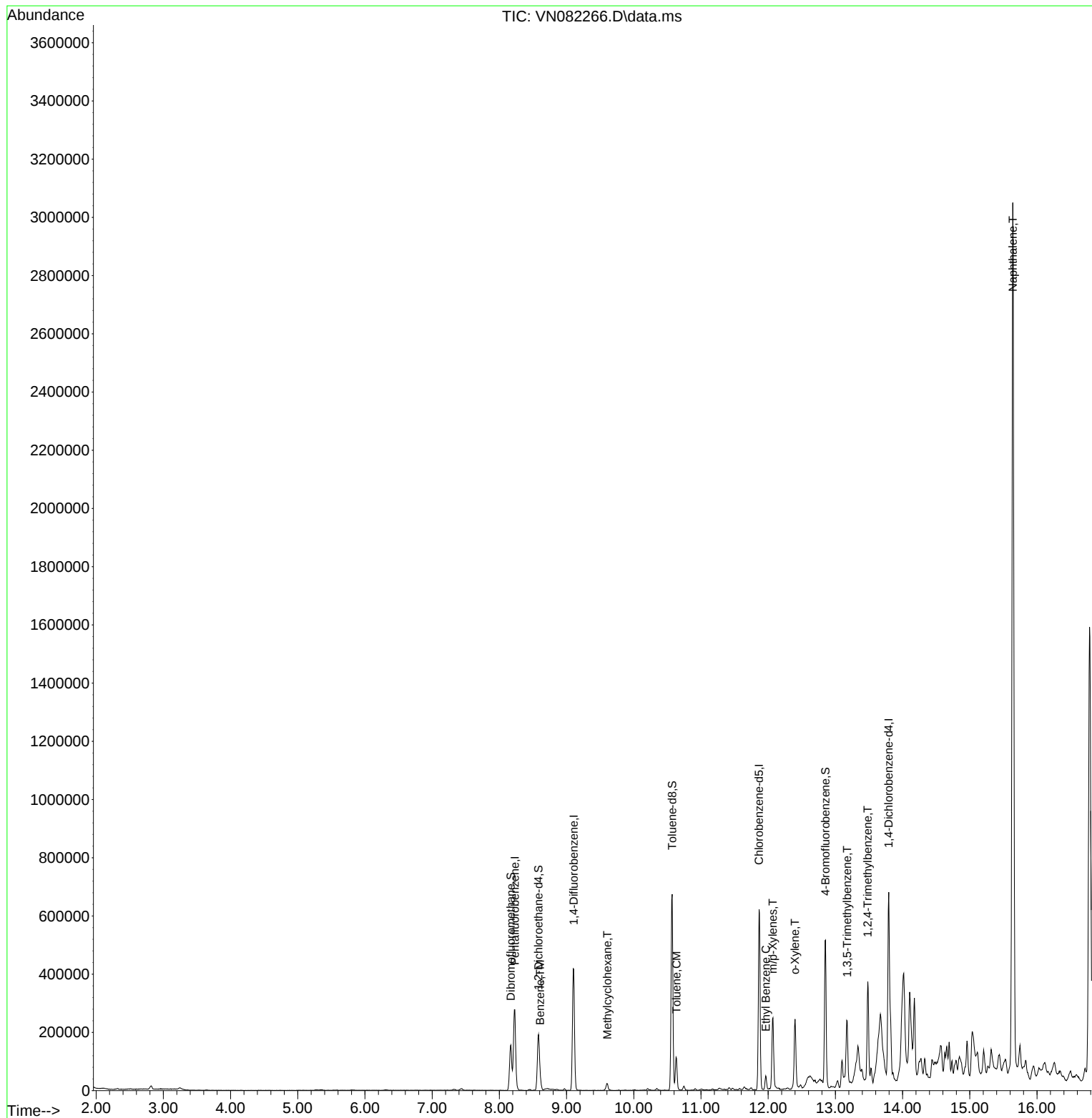
Internal Standards						
1) Pentafluorobenzene	8.229	168	192934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155326	50.985	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.980%		
35) Dibromofluoromethane	8.171	113	108106	51.199	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.400%		
50) Toluene-d8	10.570	98	435436	53.789	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.580%		
62) 4-Bromofluorobenzene	12.853	95	167181	57.860	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 115.720%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	8468	2.181	ug/l #	85
40) Benzene	8.606	78	26080	2.470	ug/l #	89
52) Toluene	10.635	92	45240	7.139	ug/l	96
67) Ethyl Benzene	11.965	91	30904	2.382	ug/l	93
68) m/p-Xylenes	12.070	106	65823	13.844	ug/l	89
69) o-Xylene	12.400	106	58447	12.691	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	100356	9.975	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	190787	18.536	ug/l	98
95) Naphthalene	15.641	128	2637795	295.309	ug/l	99

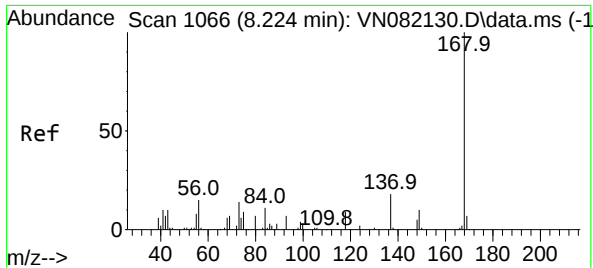
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

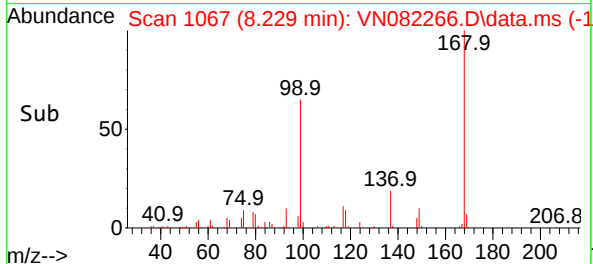
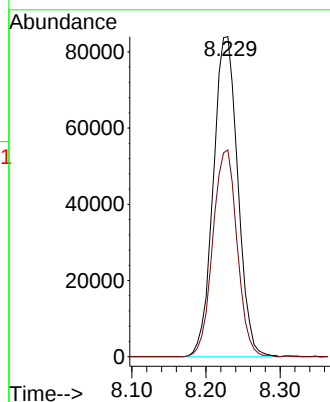
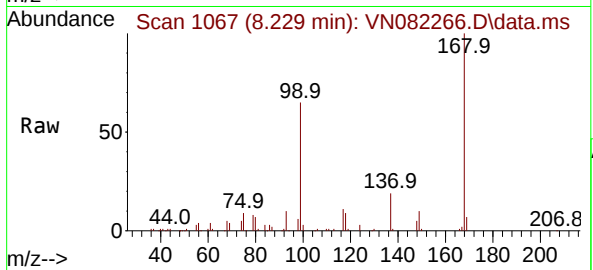




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1106
Delta R.T. 0.005 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

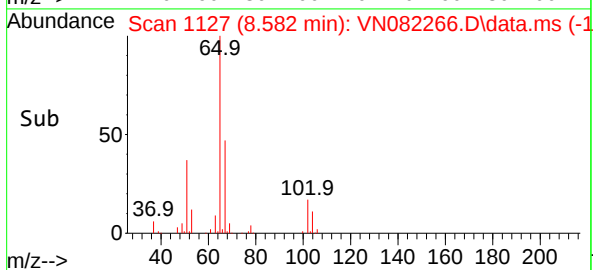
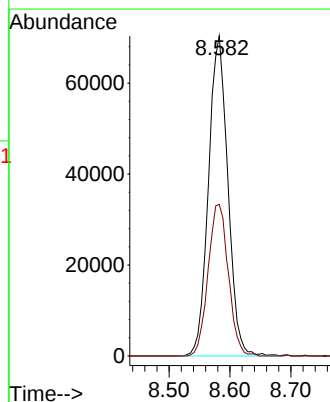
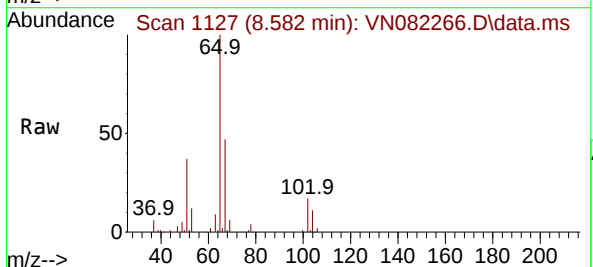
Instrument :
MSVOA_N
ClientSampleId :
6

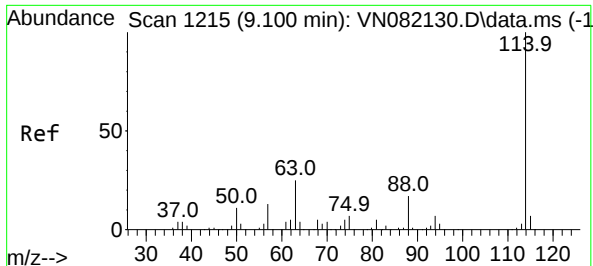
Tgt Ion:168 Resp: 192934
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.985 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

Tgt Ion: 65 Resp: 155326
Ion Ratio Lower Upper
65 100
67 49.6 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: VN082266.D

Acq: 22 May 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

6

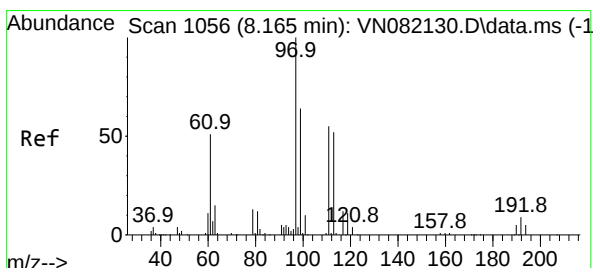
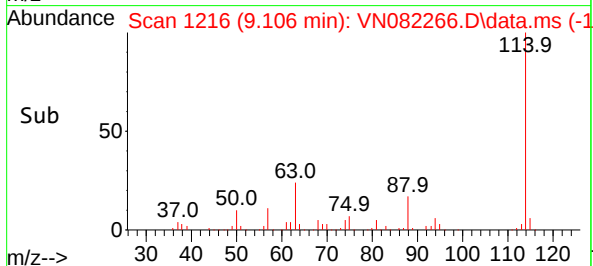
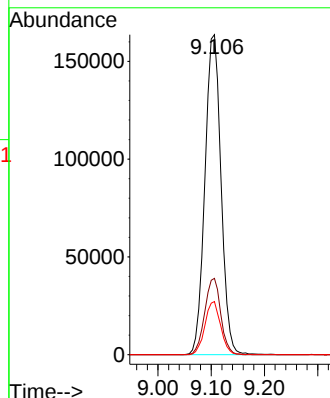
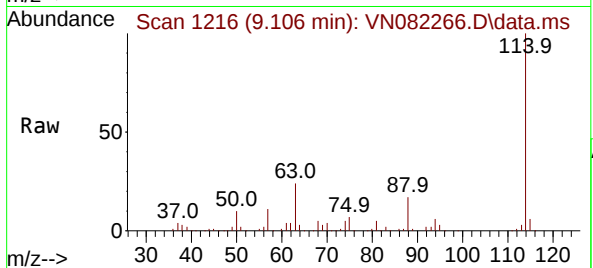
Tgt Ion:114 Resp: 343247

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.199 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082266.D

Acq: 22 May 2024 02:21

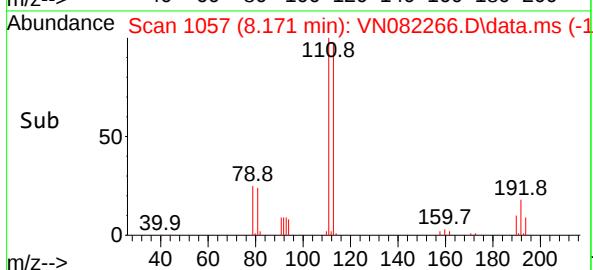
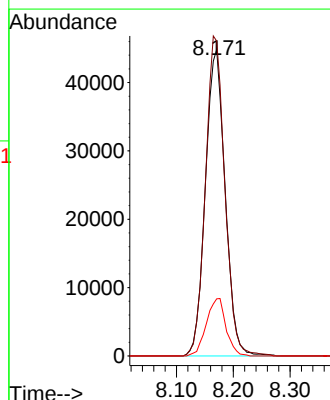
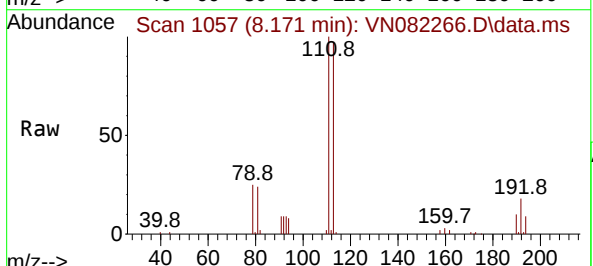
Tgt Ion:113 Resp: 108106

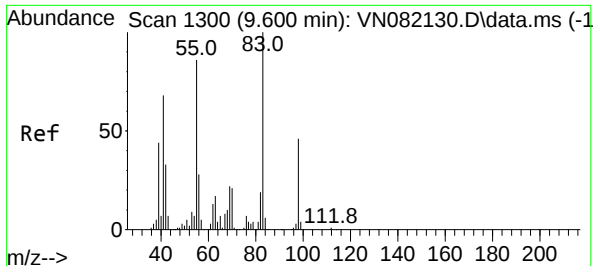
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 18.6 14.0 21.0





#39

Methylcyclohexane

Concen: 2.181 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN082266.D

Acq: 22 May 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

6

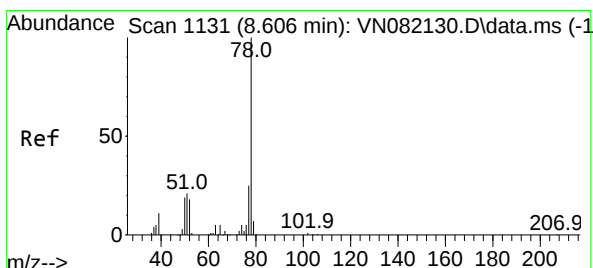
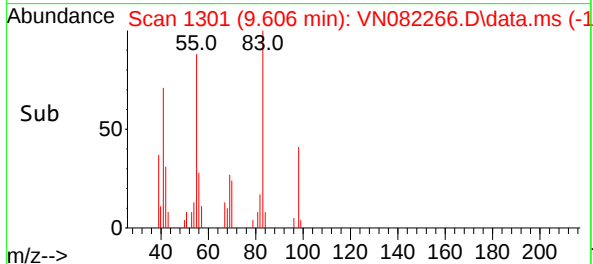
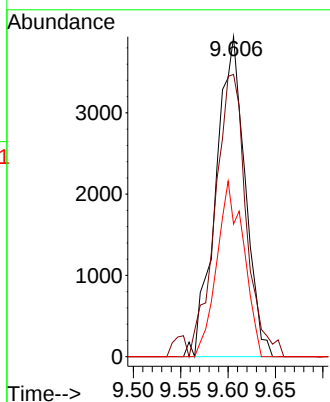
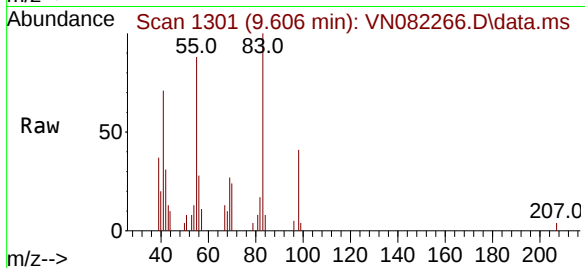
Tgt Ion: 83 Resp: 8468

Ion Ratio Lower Upper

83 100

55 83.0 53.0 79.6#

98 41.4 37.1 55.7



#40

Benzene

Concen: 2.470 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082266.D

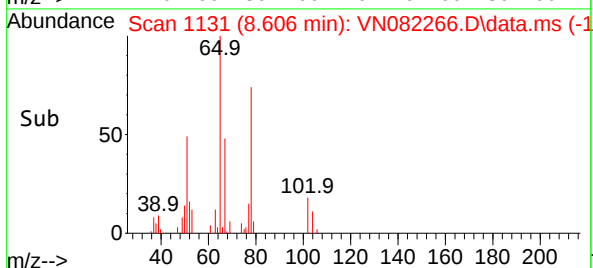
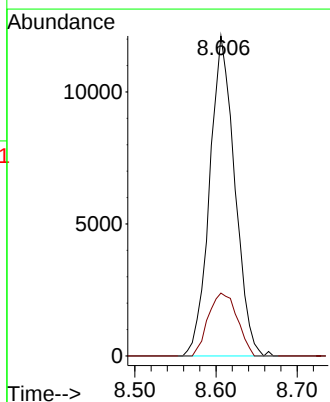
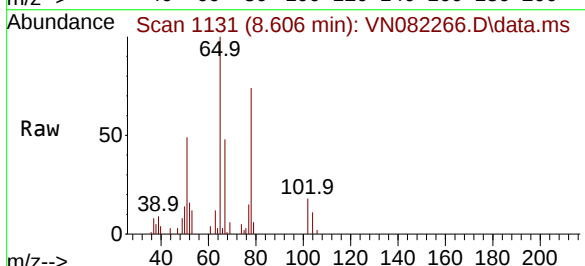
Acq: 22 May 2024 02:21

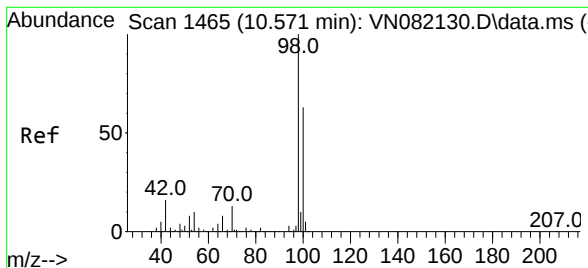
Tgt Ion: 78 Resp: 26080

Ion Ratio Lower Upper

78 100

77 19.6 20.0 30.0#

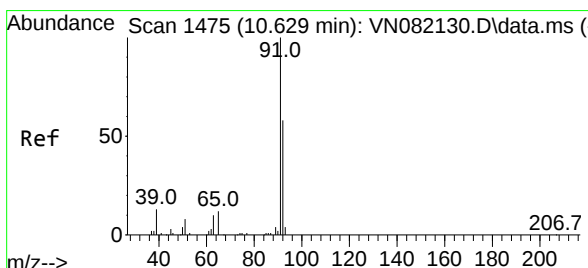
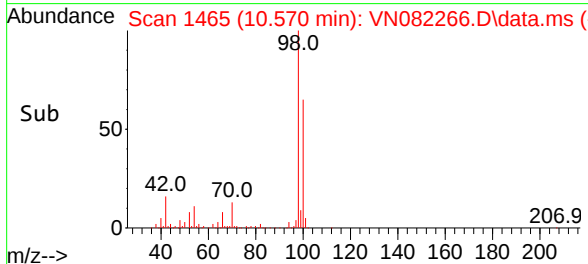
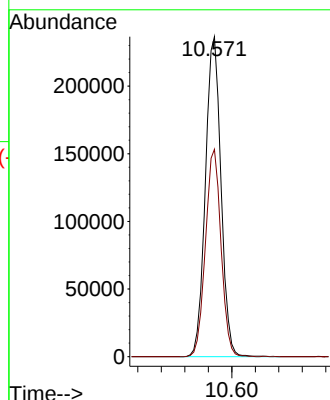
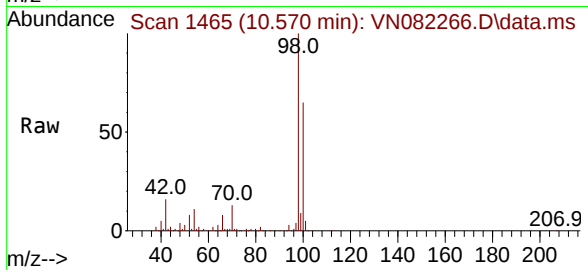




#50
Toluene-d8
Concen: 53.789 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

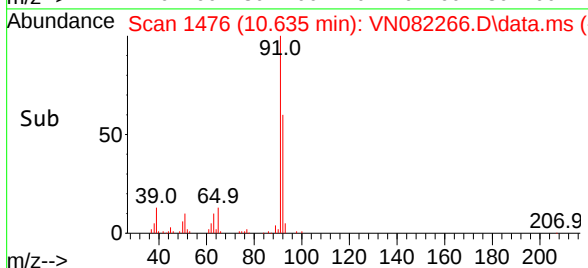
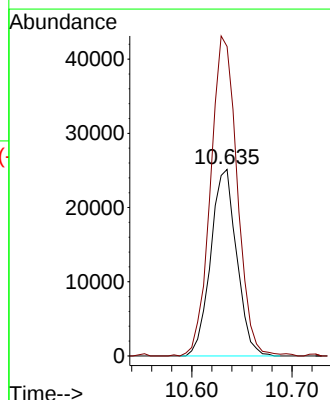
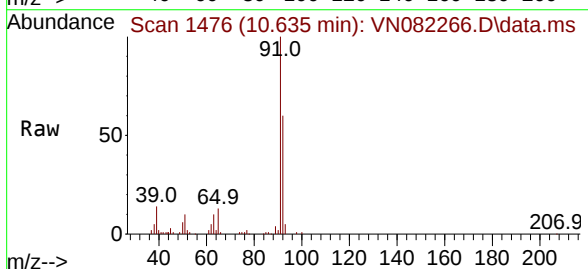
Instrument :
MSVOA_N
ClientSampleId :
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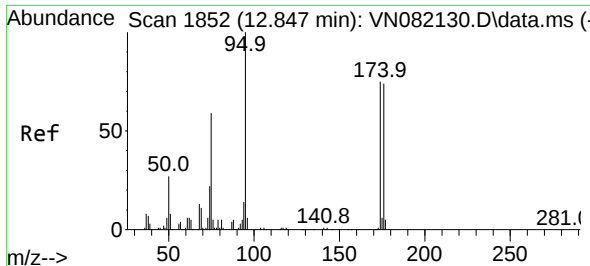
Tgt Ion: 98 Resp: 435436
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#52
Toluene
Concen: 7.139 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

Tgt Ion: 92 Resp: 45240
Ion Ratio Lower Upper
92 100
91 176.5 136.7 205.1

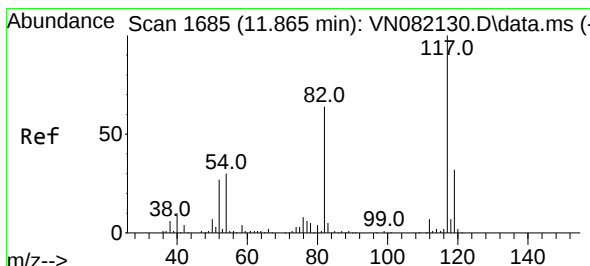
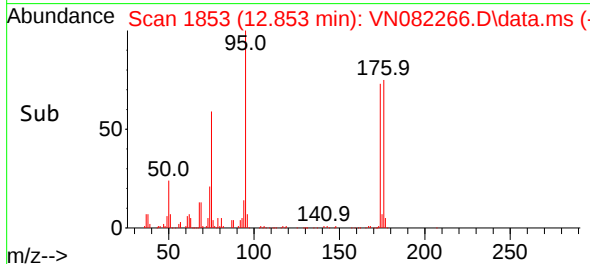
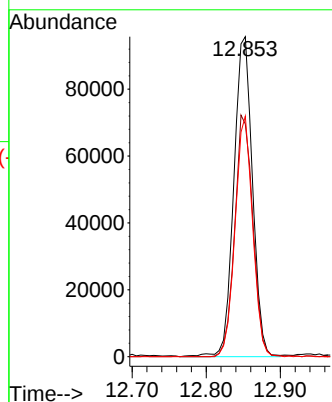
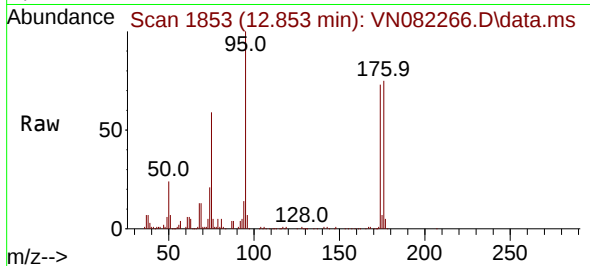




#62
4-Bromofluorobenzene
Concen: 57.860 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

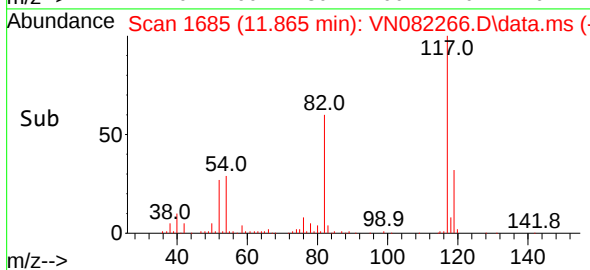
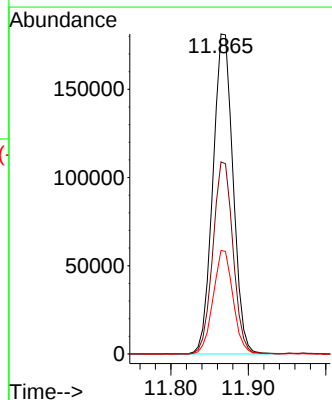
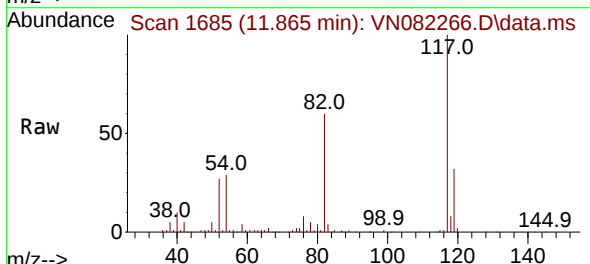
Instrument :
MSVOA_N
ClientSampleId :
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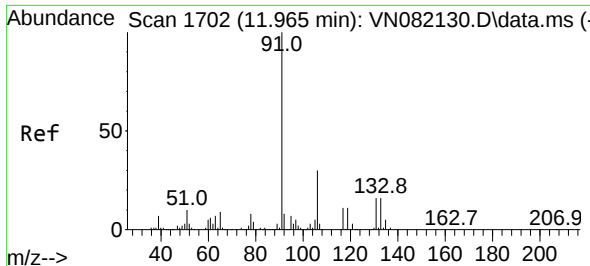
Tgt Ion: 95 Resp: 167181
Ion Ratio Lower Upper
95 100
174 73.8 0.0 160.6
176 70.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

Tgt Ion: 117 Resp: 328265
Ion Ratio Lower Upper
117 100
82 60.0 44.6 66.8
119 32.3 25.9 38.9

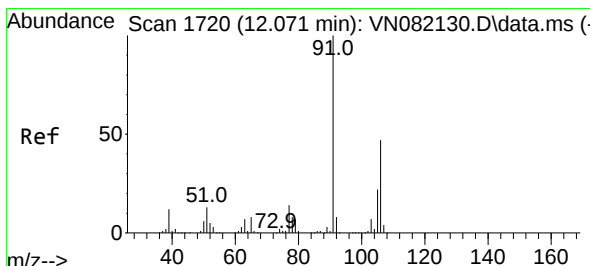
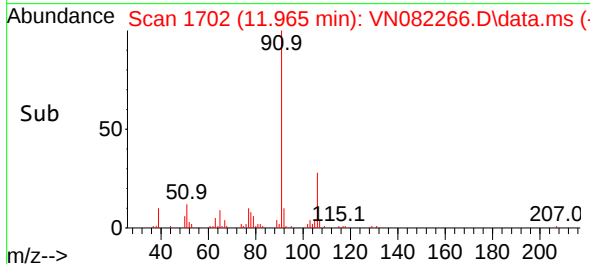
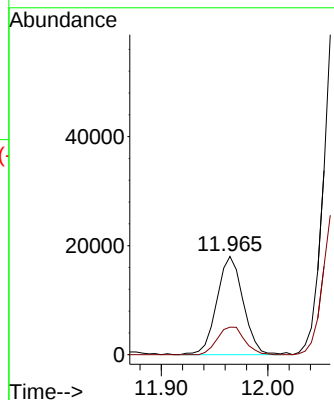
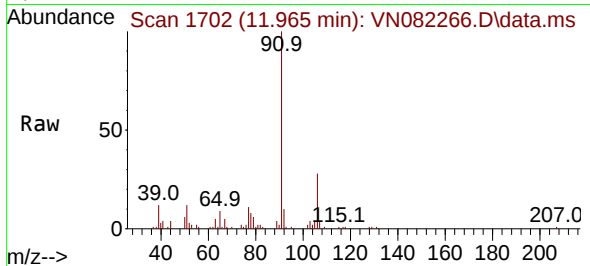




#67
Ethyl Benzene
Concen: 2.382 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

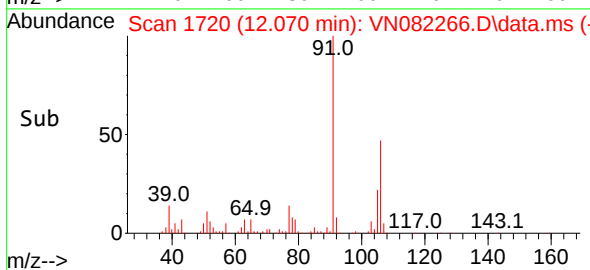
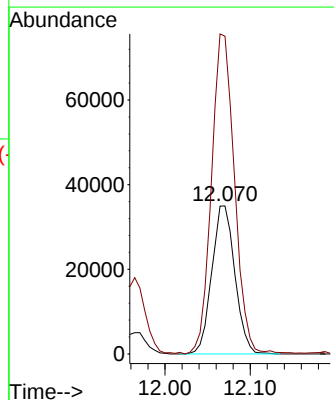
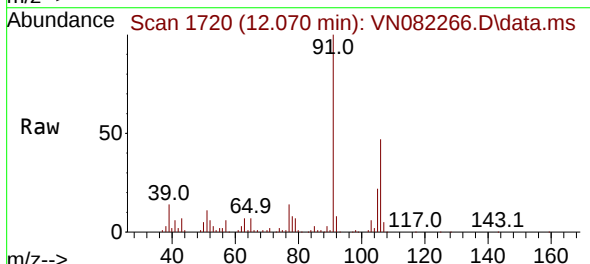
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ClientSampleId :
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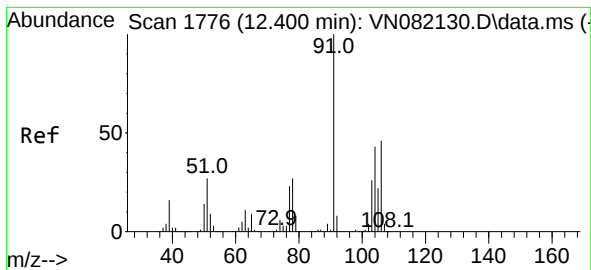
Tgt Ion: 91 Resp: 30904
Ion Ratio Lower Upper
91 100
106 27.9 25.3 37.9



#68
m/p-Xylenes
Concen: 13.844 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

Tgt Ion:106 Resp: 65823
Ion Ratio Lower Upper
106 100
91 216.2 159.4 239.0





#69

o-Xylene

Concen: 12.691 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082266.D

Acq: 22 May 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

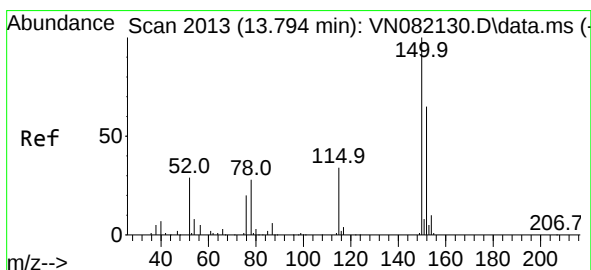
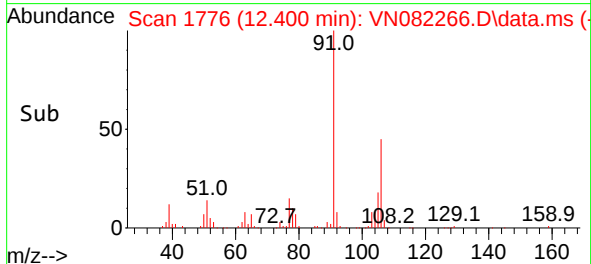
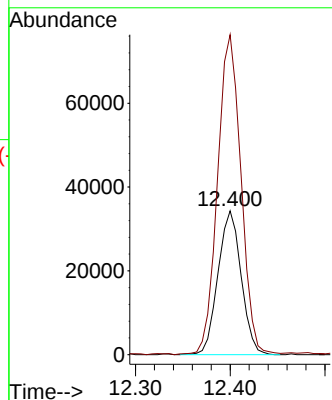
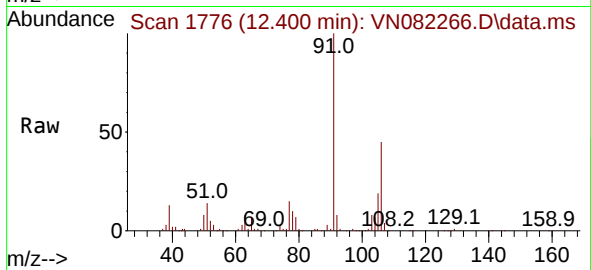
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Tgt Ion:106 Resp: 58447

Ion Ratio Lower Upper

106 100

91 225.0 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082266.D

Acq: 22 May 2024 02:21

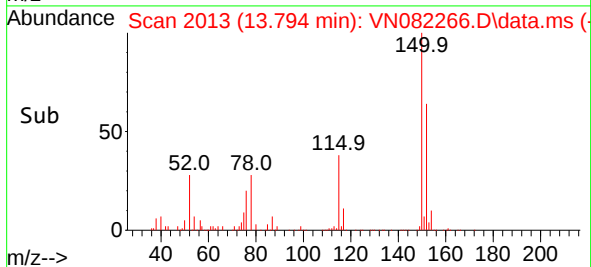
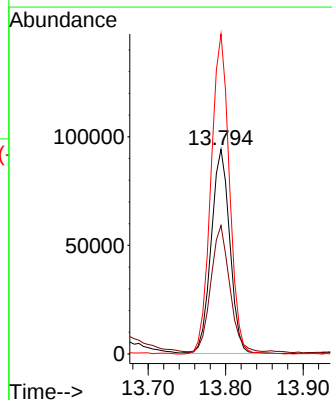
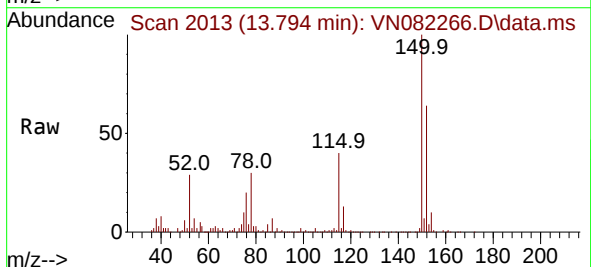
Tgt Ion:152 Resp: 156615

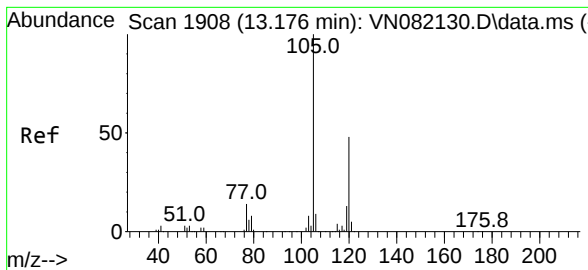
Ion Ratio Lower Upper

152 100

115 62.1 30.4 91.3

150 155.5 0.0 353.2

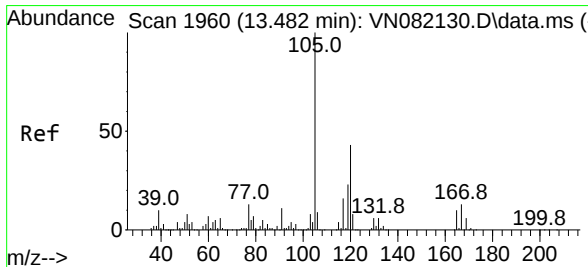
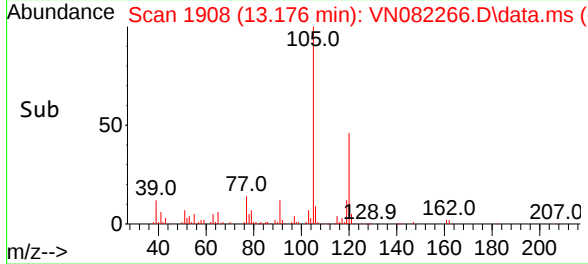
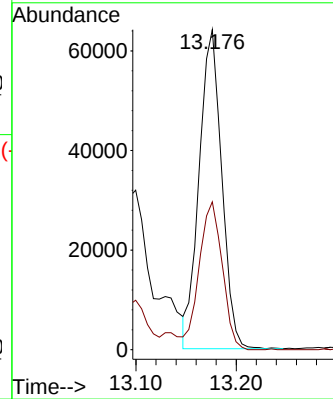
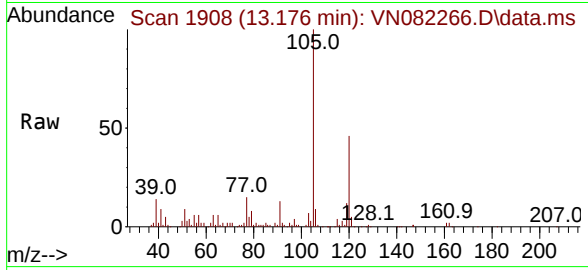




#80
 1,3,5-Trimethylbenzene
 Concen: 9.975 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082266.D
 Acq: 22 May 2024 02:21

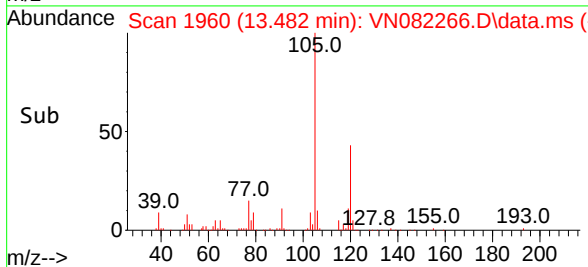
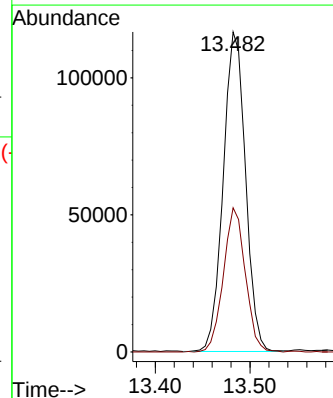
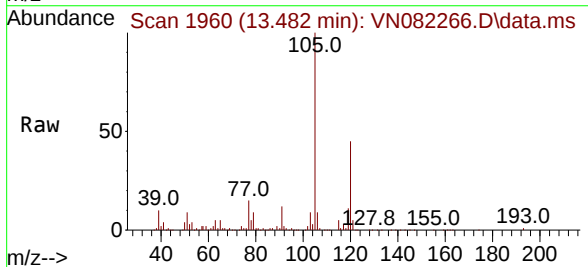
Instrument :
 MSVOA_N
 ClientSampleId :
 6

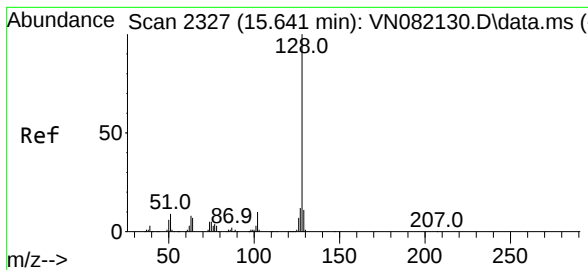
Tgt Ion:105 Resp: 100356
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.536 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082266.D
 Acq: 22 May 2024 02:21

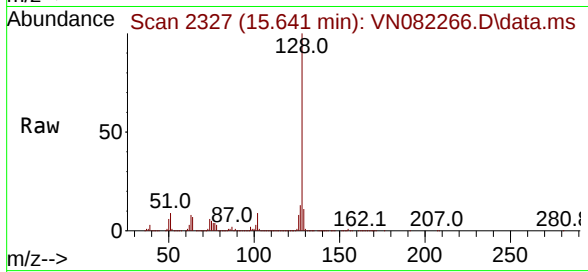
Tgt Ion:105 Resp: 190787
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.9 68.7





#95
Naphthalene
Concen: 295.309 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082266.D
Acq: 22 May 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
6



Tgt Ion:128 Resp: 2637795
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 10.9 8.9 13.3

