

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082273.D
 Acq On : 22 May 2024 05:09
 Operator : JC\MD
 Sample : P2494-13 40X
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13

Quant Time: May 22 07:41:05 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)

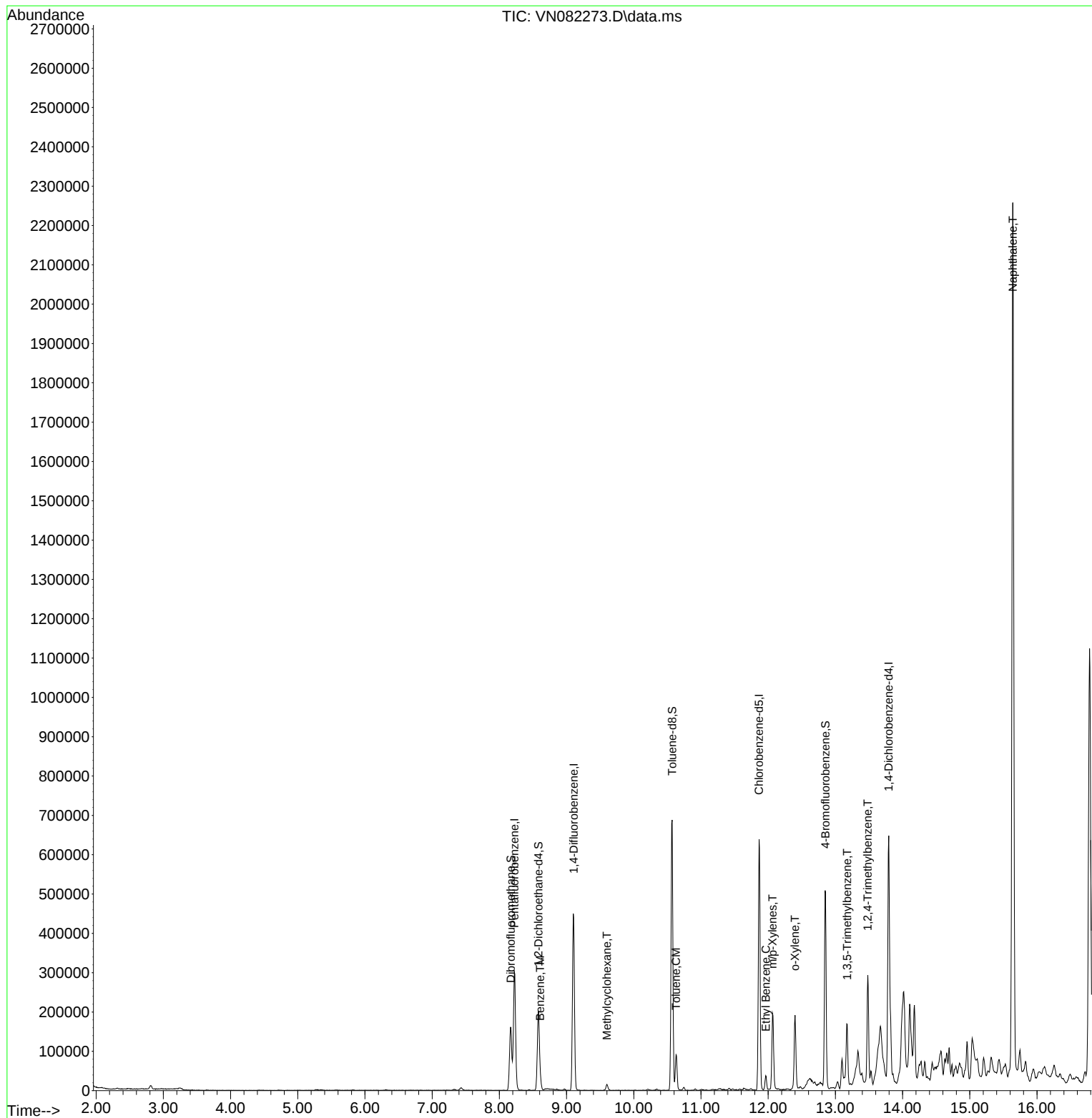
Internal Standards						
1) Pentafluorobenzene	8.224	168	208837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	161891	49.094	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.180%
35) Dibromofluoromethane	8.171	113	111523	50.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	10.571	98	451838	53.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.853	95	167917	55.191	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	110.380%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	5722	1.400	ug/l	94
40) Benzene	8.606	78	19235	1.730	ug/l	96
52) Toluene	10.629	92	36030	5.399	ug/l	96
67) Ethyl Benzene	11.965	91	24525	1.836	ug/l	94
68) m/p-Xylenes	12.065	106	53943	11.018	ug/l	91
69) o-Xylene	12.400	106	46391	9.782	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	75370	7.684	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	150796	15.027	ug/l	99
95) Naphthalene	15.641	128	1926966	221.272	ug/l	99

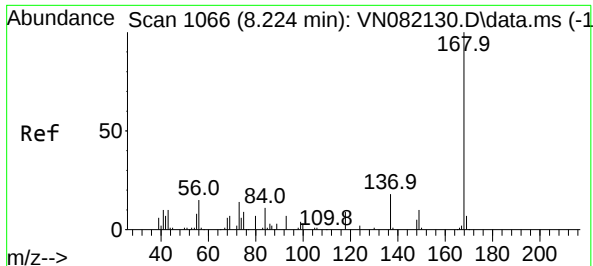
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
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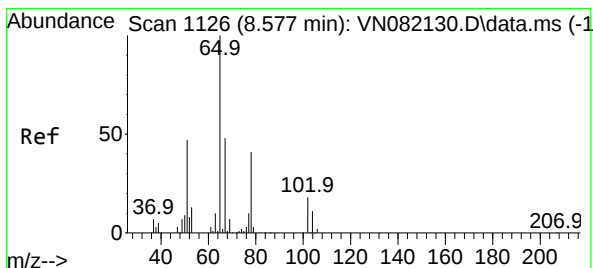
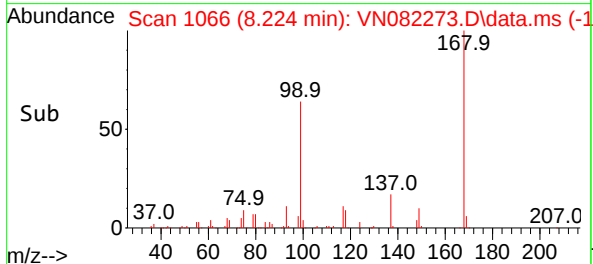
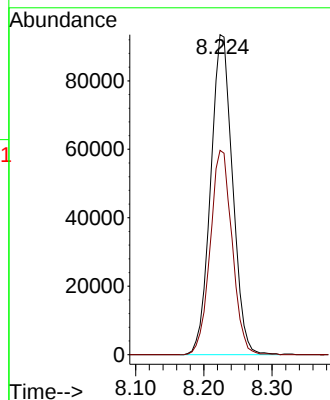
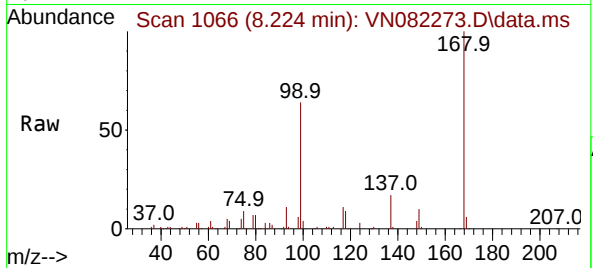




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

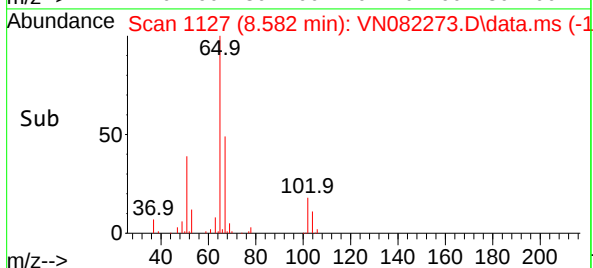
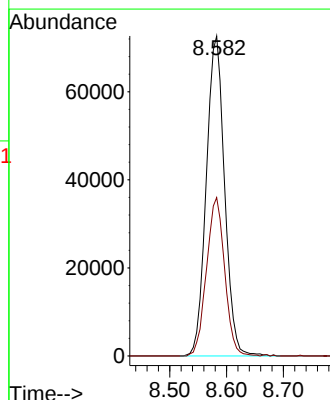
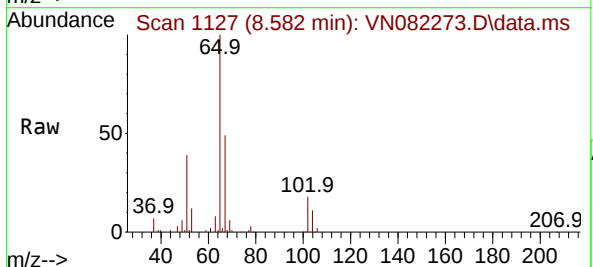
Instrument :
MSVOA_N
ClientSampleId :
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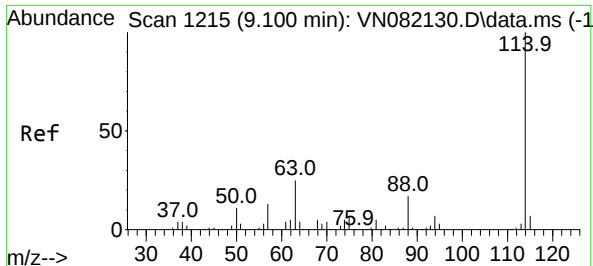
Tgt Ion:168 Resp: 208837
Ion Ratio Lower Upper
168 100
99 63.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.094 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

Tgt Ion: 65 Resp: 161891
Ion Ratio Lower Upper
65 100
67 49.2 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: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA_N

ClientSampleId :

13

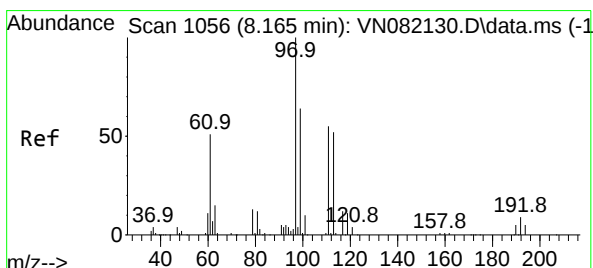
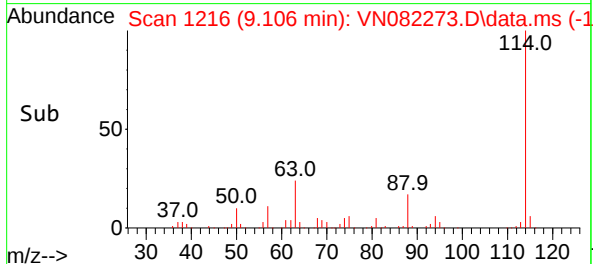
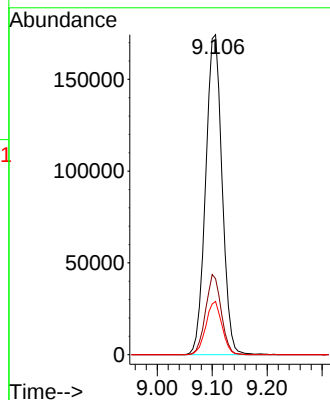
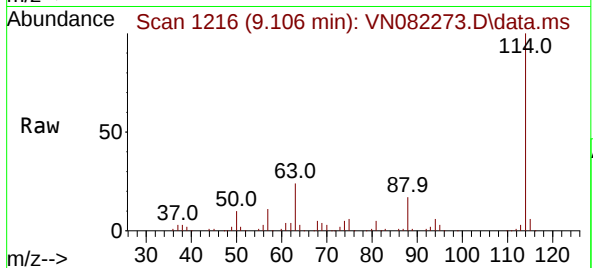
Tgt Ion:114 Resp: 361433

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.159 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

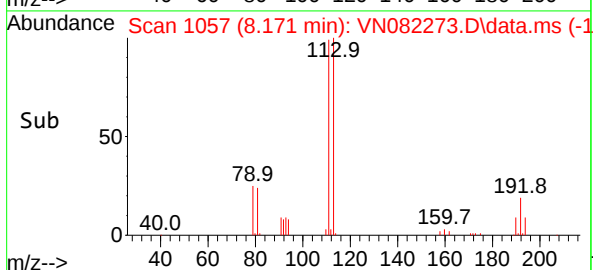
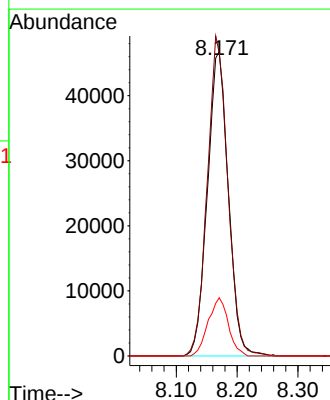
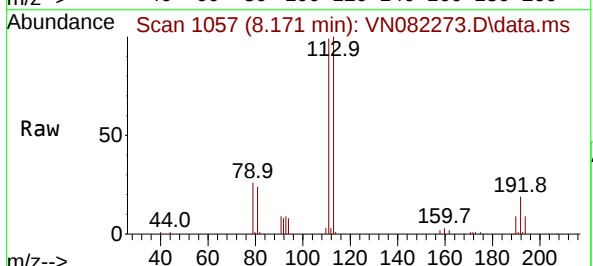
Tgt Ion:113 Resp: 111523

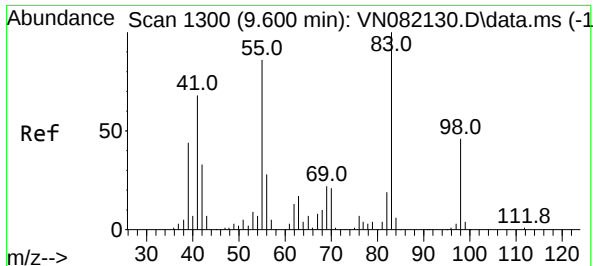
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 18.5 14.0 21.0





#39

Methylcyclohexane

Concen: 1.400 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA_N

ClientSampleId :

13

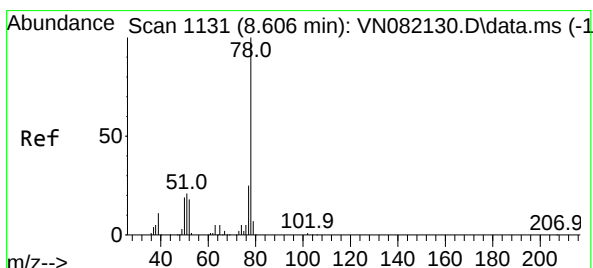
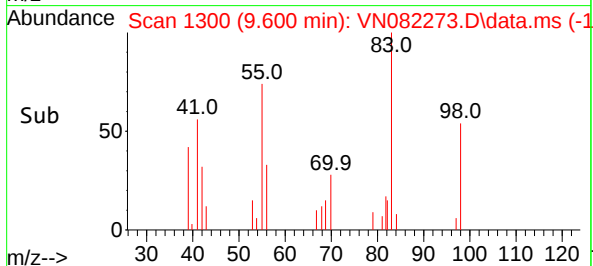
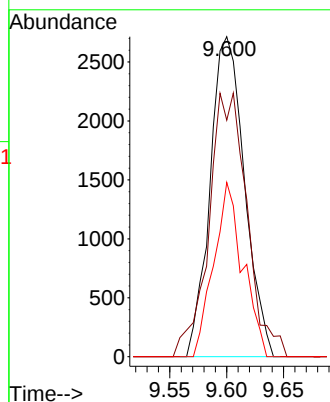
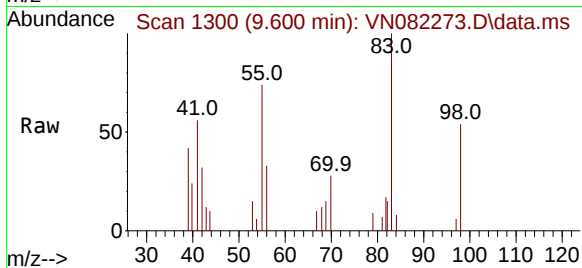
Tgt Ion: 83 Resp: 5722

Ion Ratio Lower Upper

83 100

55 67.9 53.0 79.6

98 54.5 37.1 55.7



#40

Benzene

Concen: 1.730 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082273.D

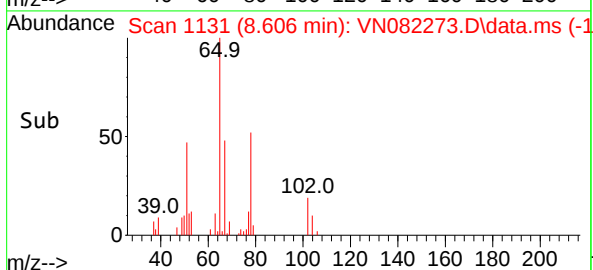
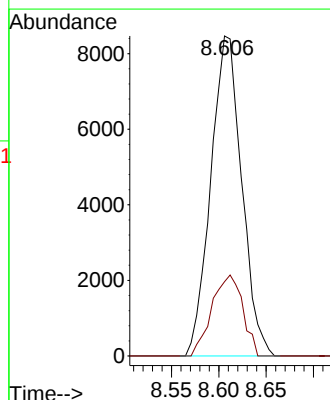
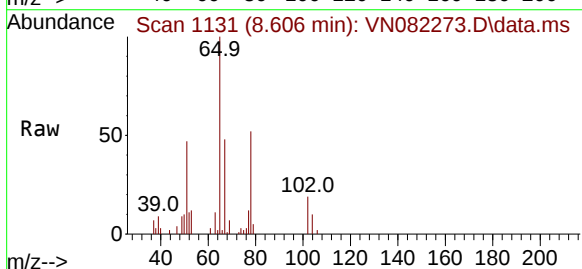
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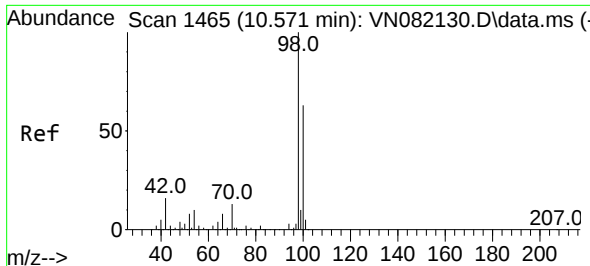
Tgt Ion: 78 Resp: 19235

Ion Ratio Lower Upper

78 100

77 23.2 20.0 30.0

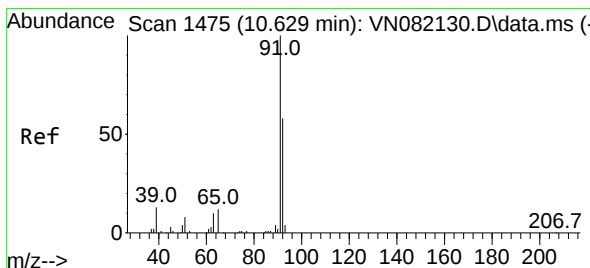
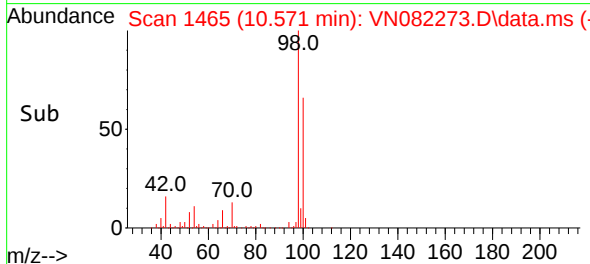
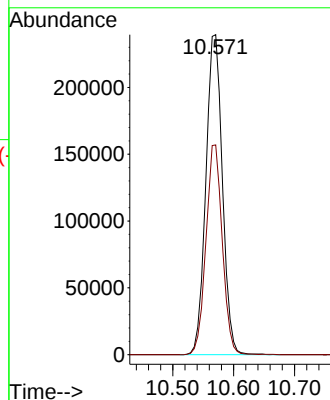
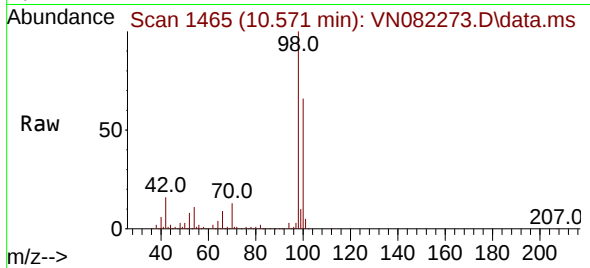




#50
Toluene-d8
Concen: 53.006 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

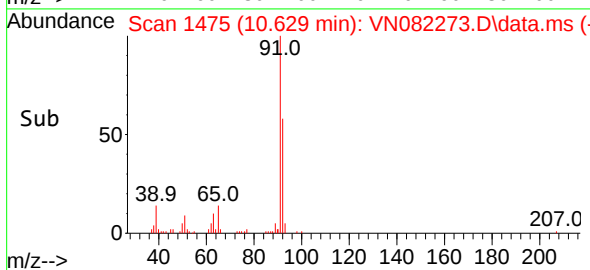
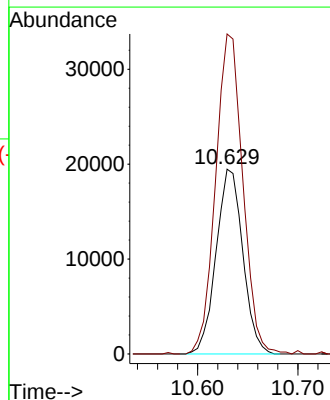
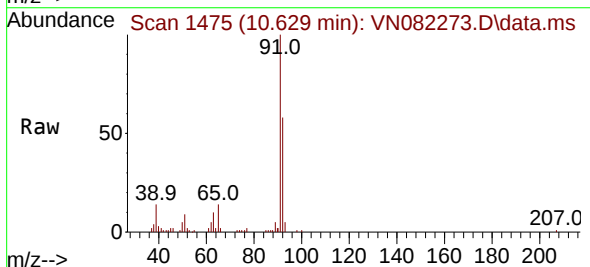
Instrument :
MSVOA_N
ClientSampleId :
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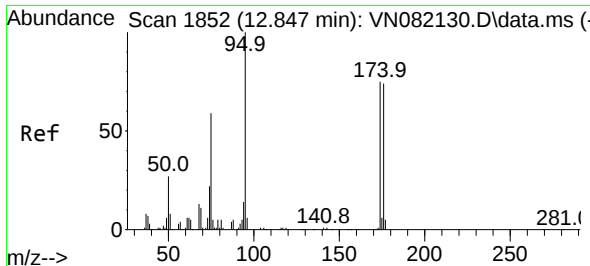
Tgt Ion: 98 Resp: 451838
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#52
Toluene
Concen: 5.399 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

Tgt Ion: 92 Resp: 36030
Ion Ratio Lower Upper
92 100
91 176.3 136.7 205.1

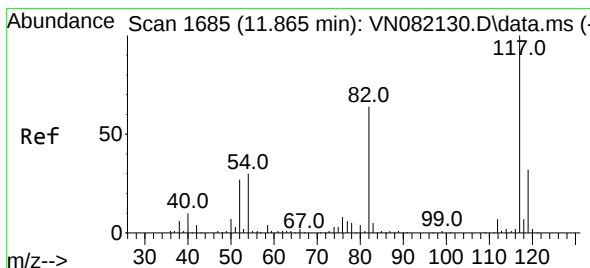
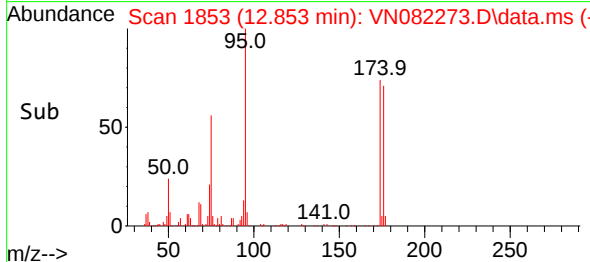
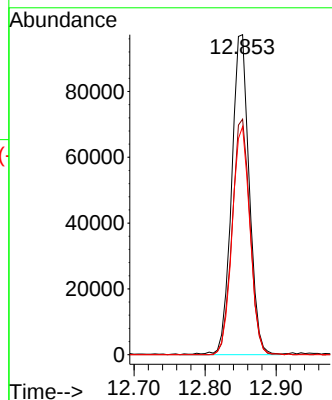
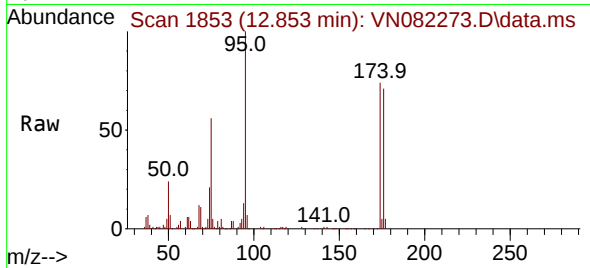




#62
4-Bromofluorobenzene
Concen: 55.191 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

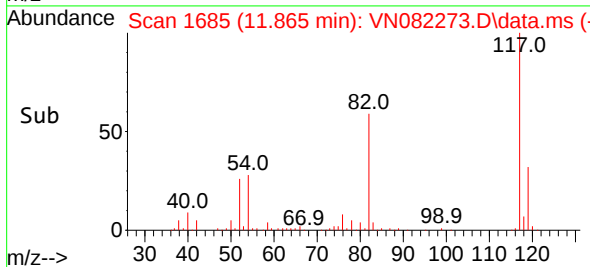
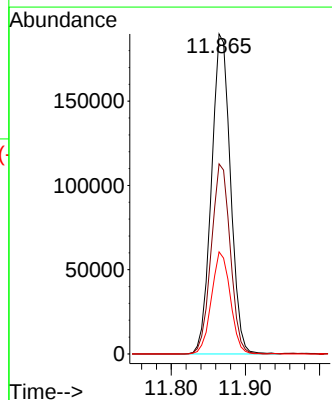
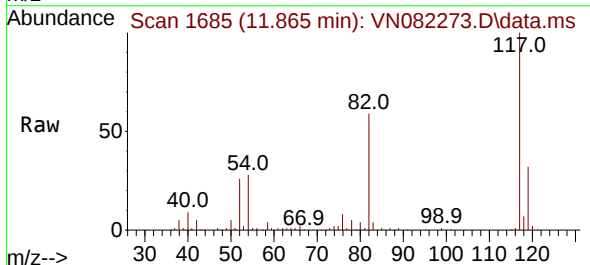
Instrument :
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ClientSampleId :
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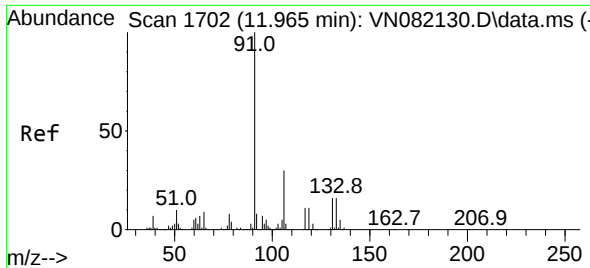
Tgt Ion: 95 Resp: 167917
Ion Ratio Lower Upper
95 100
174 74.4 0.0 160.6
176 71.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

Tgt Ion: 117 Resp: 338030
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 31.9 25.9 38.9

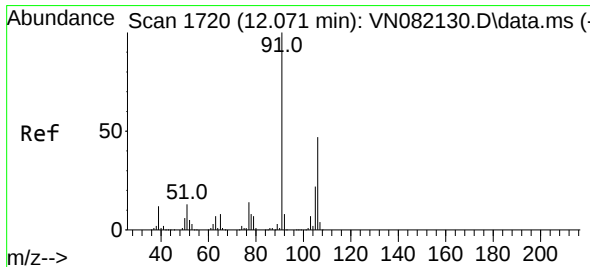
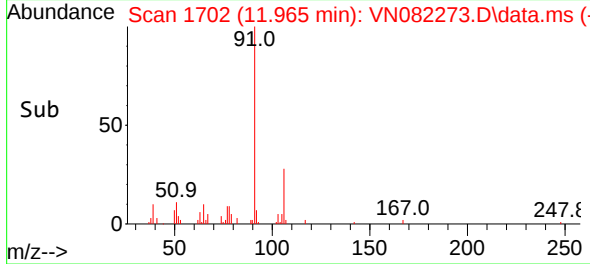
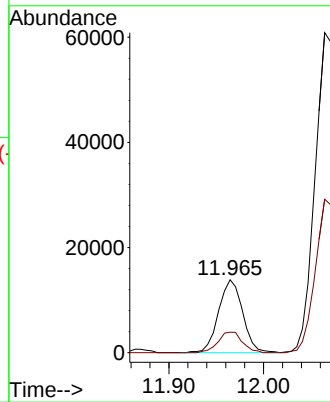
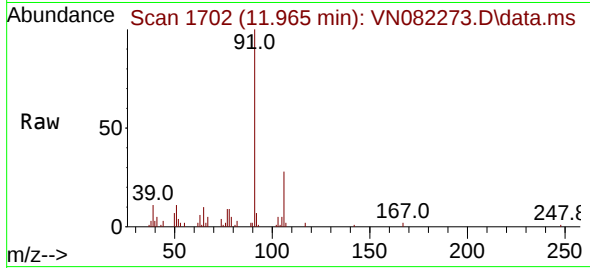




#67
Ethyl Benzene
Concen: 1.836 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

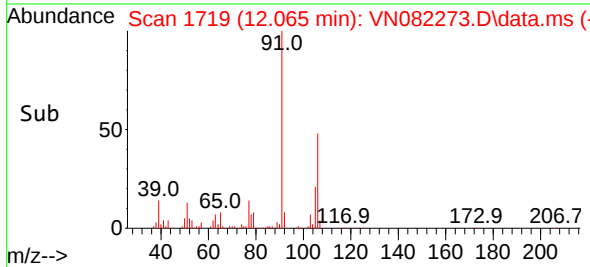
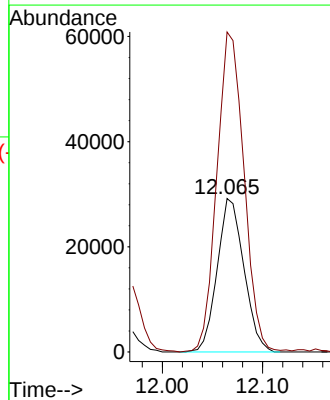
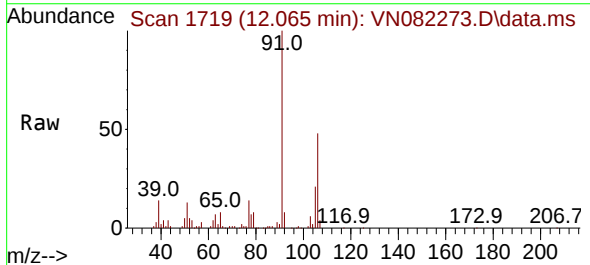
Instrument :
MSVOA_N
ClientSampleId :
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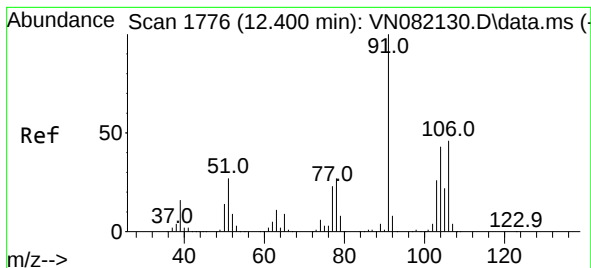
Tgt Ion: 91 Resp: 24525
Ion Ratio Lower Upper
91 100
106 28.2 25.3 37.9



#68
m/p-Xylenes
Concen: 11.018 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

Tgt Ion:106 Resp: 53943
Ion Ratio Lower Upper
106 100
91 212.1 159.4 239.0





#69

o-Xylene

Concen: 9.782 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA_N

ClientSampleId :

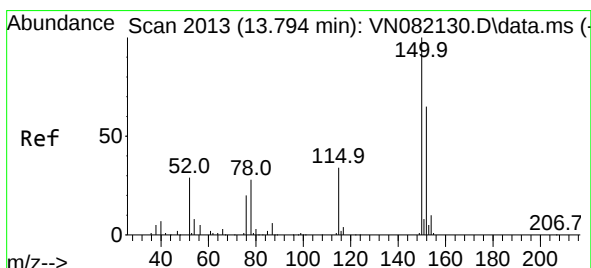
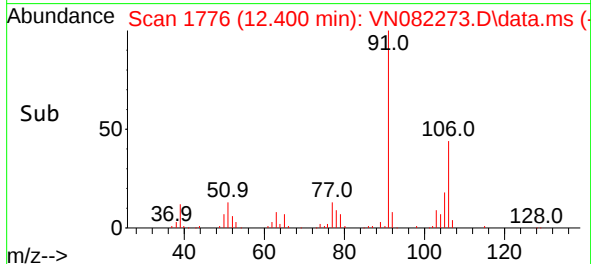
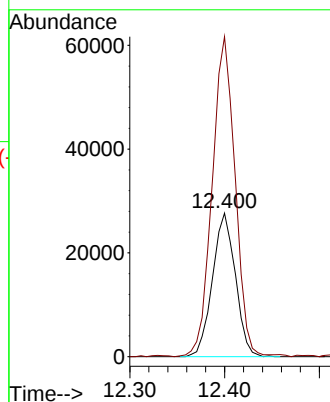
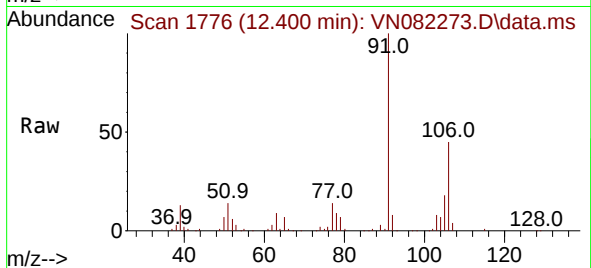
13

Tgt Ion:106 Resp: 46391

Ion Ratio Lower Upper

106 100

91 224.1 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

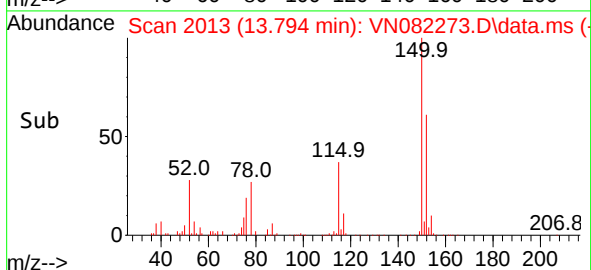
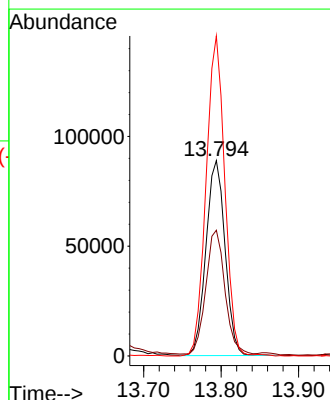
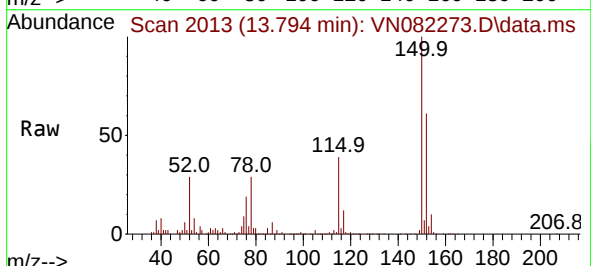
Tgt Ion:152 Resp: 152692

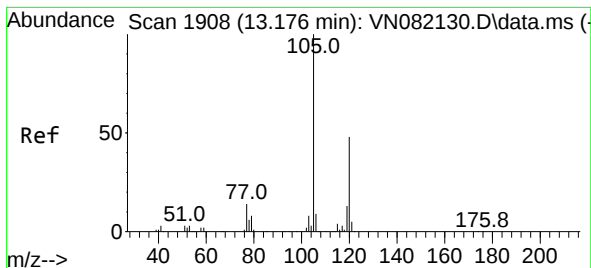
Ion Ratio Lower Upper

152 100

115 63.0 30.4 91.3

150 159.5 0.0 353.2

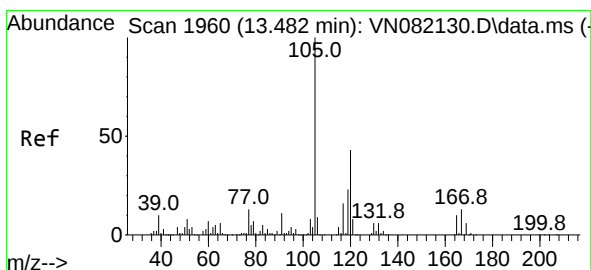
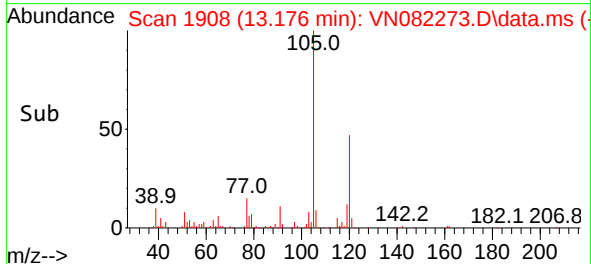
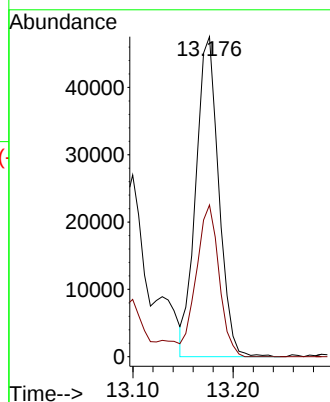
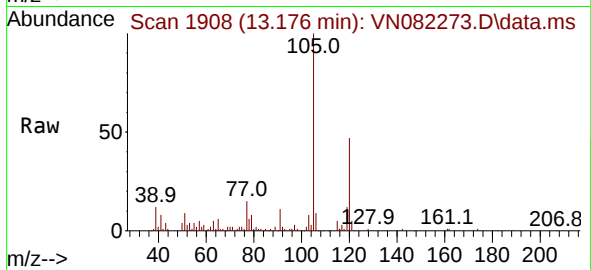




#80
 1,3,5-Trimethylbenzene
 Concen: 7.684 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082273.D
 Acq: 22 May 2024 05:09

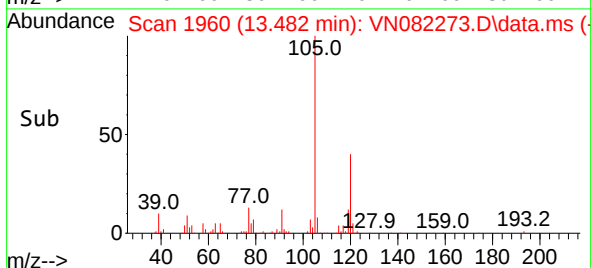
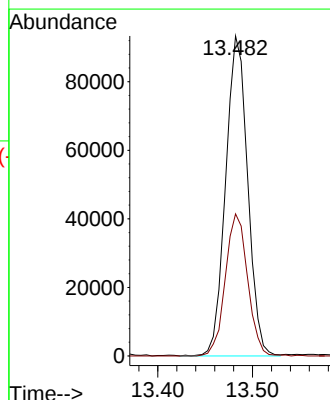
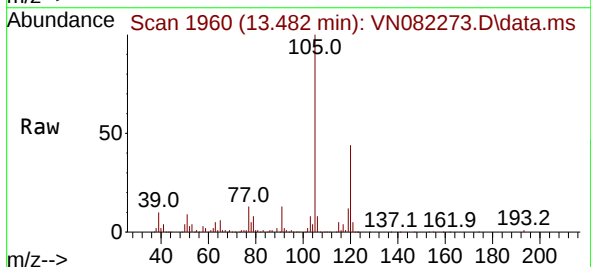
Instrument :
 MSVOA_N
 ClientSampleId :
 13

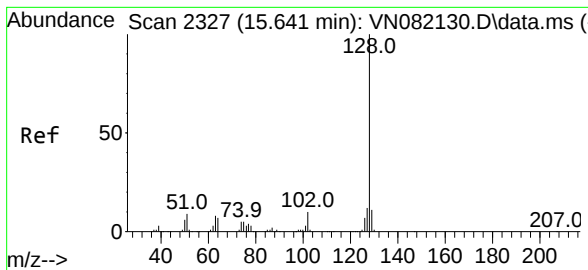
Tgt Ion:105 Resp: 75370
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 15.027 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082273.D
 Acq: 22 May 2024 05:09

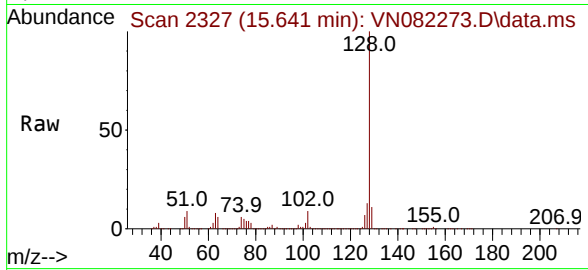
Tgt Ion:105 Resp: 150796
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.7





#95
Naphthalene
Concen: 221.272 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082273.D
Acq: 22 May 2024 05:09

Instrument :
MSVOA_N
ClientSampleId :
13



Tgt Ion:128 Resp: 1926966
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.9 8.9 13.3

