

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082268.D
 Acq On : 22 May 2024 03:09
 Operator : JC\MD
 Sample : P2494-08 40X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 8

Quant Time: May 22 04:38:44 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)

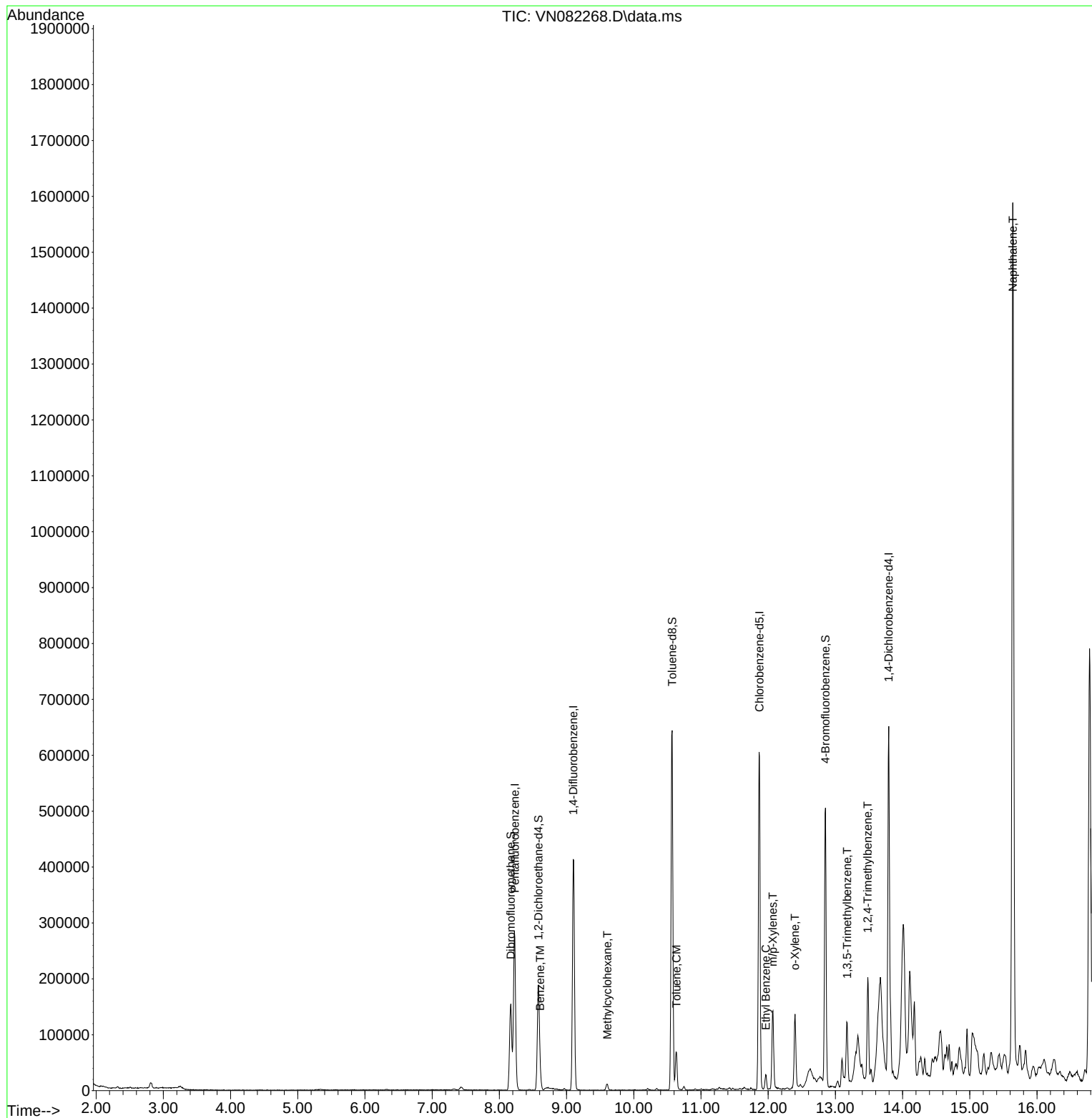
Internal Standards						
1) Pentafluorobenzene	8.230	168	194196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	321039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	154352	50.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.680%	
35) Dibromofluoromethane	8.171	113	108539	52.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.380%	
50) Toluene-d8	10.571	98	421922	52.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.853	95	162493	57.097	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.200%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	4464	1.168	ug/l	91
40) Benzene	8.606	78	16669	1.603	ug/l	99
52) Toluene	10.635	92	28242	4.525	ug/l	98
67) Ethyl Benzene	11.965	91	19042	1.501	ug/l	97
68) m/p-Xylenes	12.070	106	38903	8.366	ug/l	92
69) o-Xylene	12.400	106	32036	7.113	ug/l	86
80) 1,3,5-Trimethylbenzene	13.176	105	51580	5.303	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	103743	10.424	ug/l	97
95) Naphthalene	15.641	128	1347268	155.998	ug/l	99

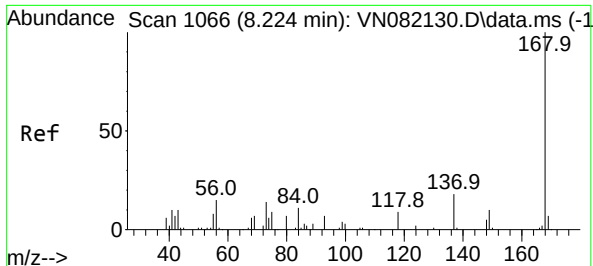
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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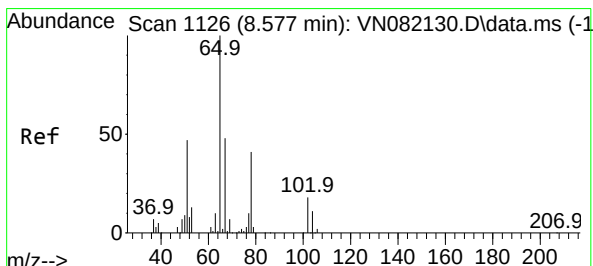
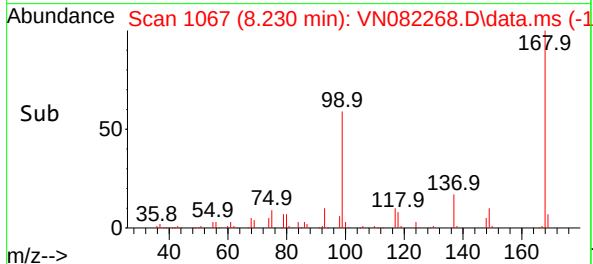
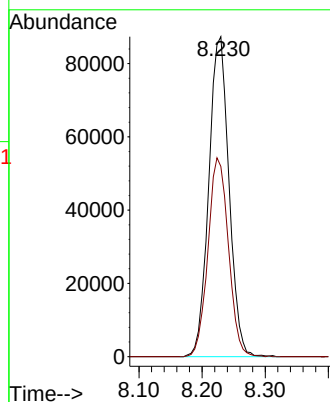
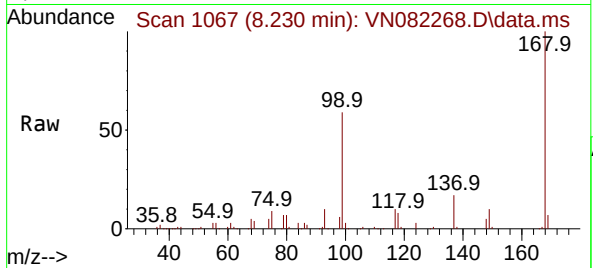




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

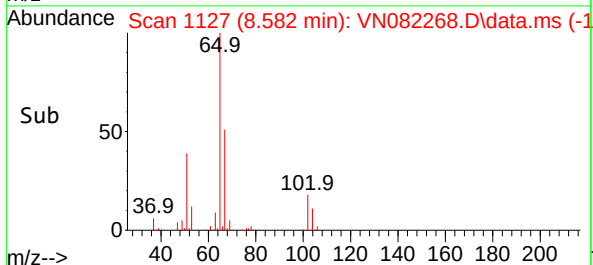
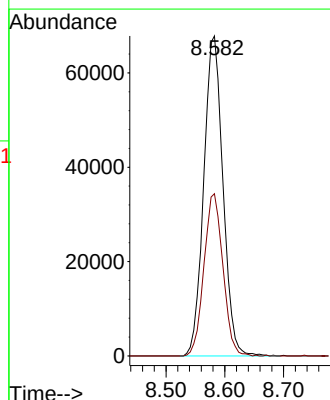
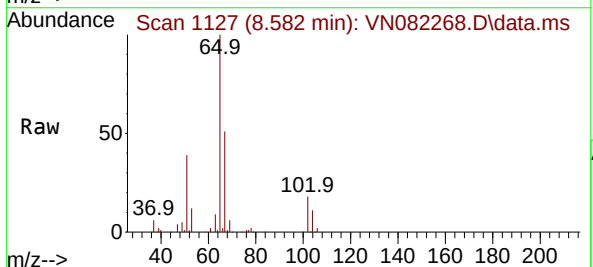
Instrument :
MSVOA_N
ClientSampleId :
8

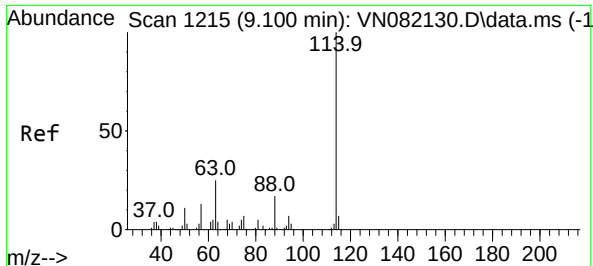
Tgt Ion:168 Resp: 194196
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.336 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Tgt Ion: 65 Resp: 154352
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0

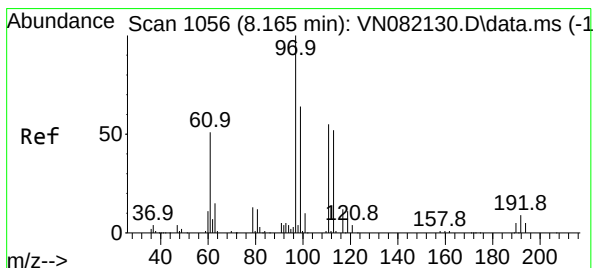
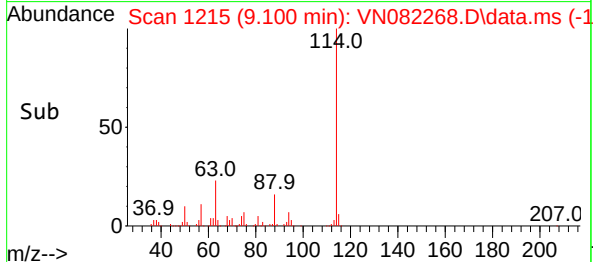
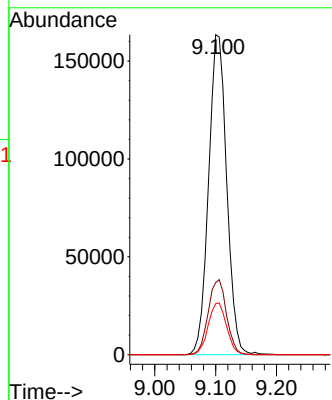
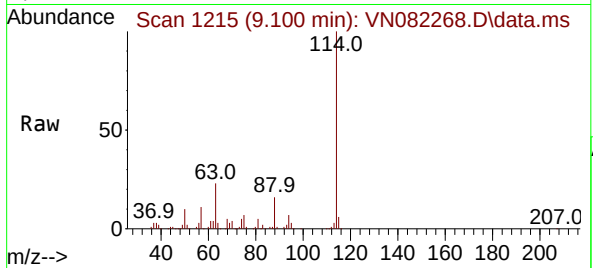




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

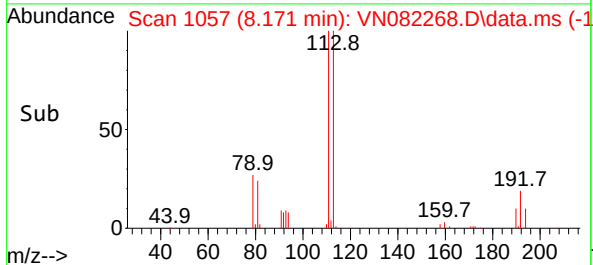
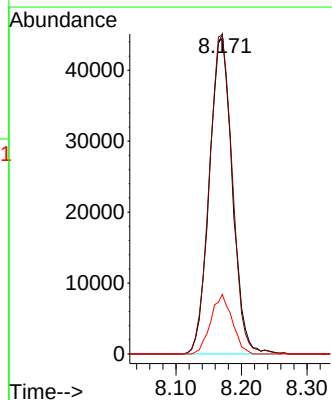
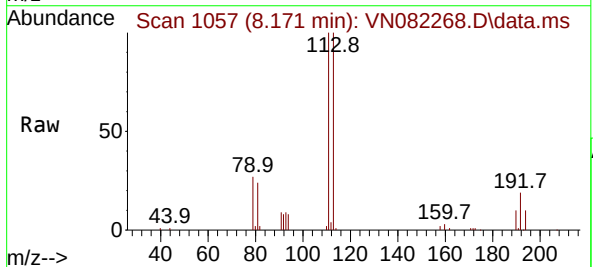
Instrument :
MSVOA_N
ClientSampleId :
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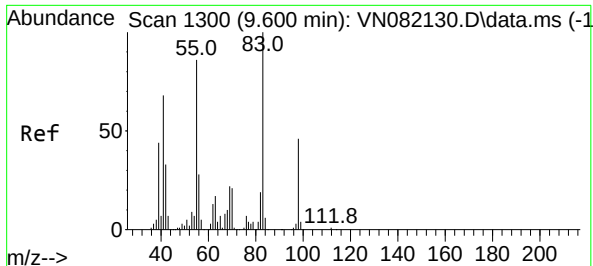
Tgt Ion:114 Resp: 338082
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.0
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.189 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Tgt Ion:113 Resp: 108539
Ion Ratio Lower Upper
113 100
111 101.3 83.4 125.2
192 17.5 14.0 21.0





#39

Methylcyclohexane

Concen: 1.168 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN082268.D

Acq: 22 May 2024 03:09

Instrument :

MSVOA_N

ClientSampleId :

8

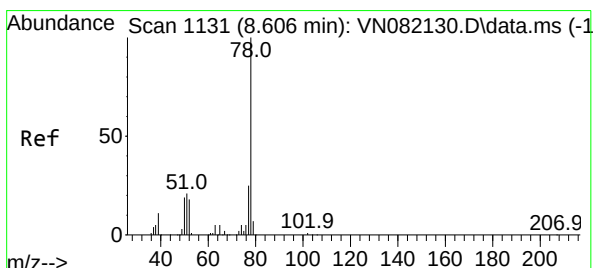
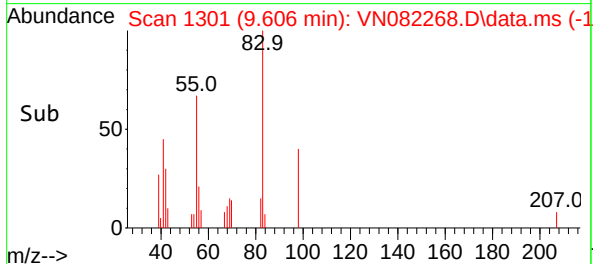
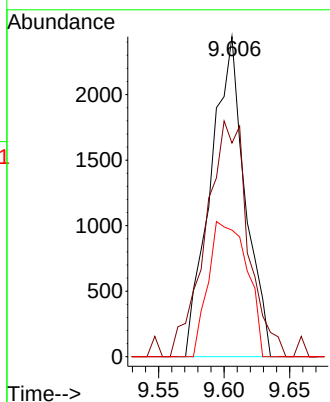
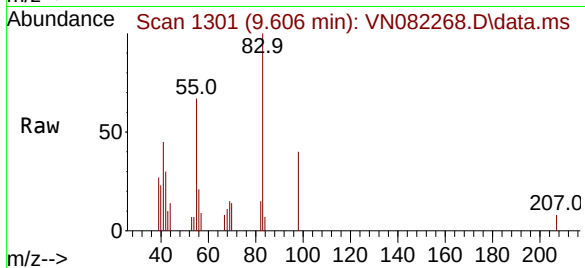
Tgt Ion: 83 Resp: 4464

Ion Ratio Lower Upper

83 100

55 60.5 53.0 79.6

98 39.6 37.1 55.7



#40

Benzene

Concen: 1.603 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082268.D

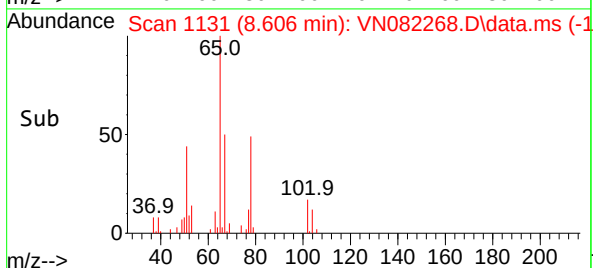
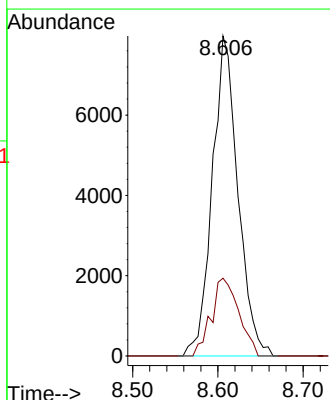
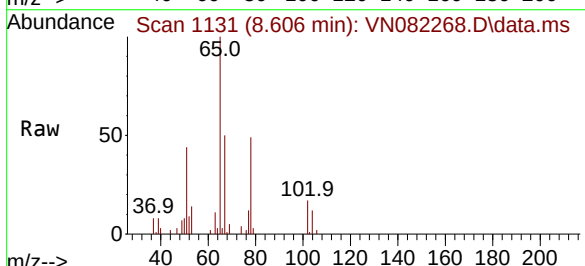
Acq: 22 May 2024 03:09

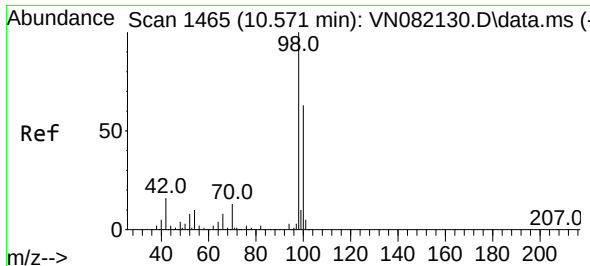
Tgt Ion: 78 Resp: 16669

Ion Ratio Lower Upper

78 100

77 24.3 20.0 30.0

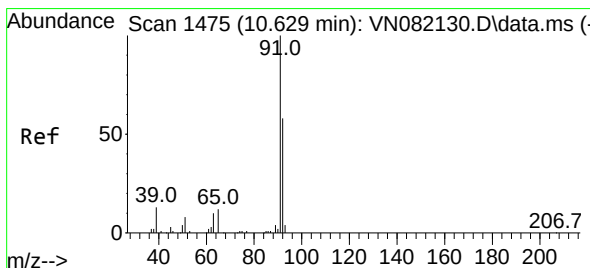
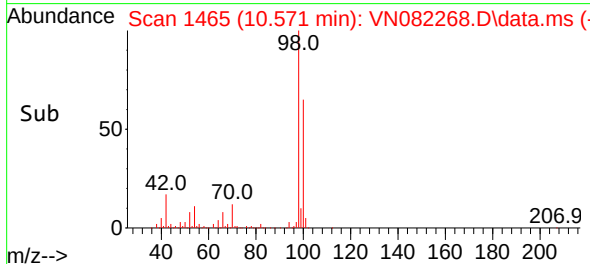
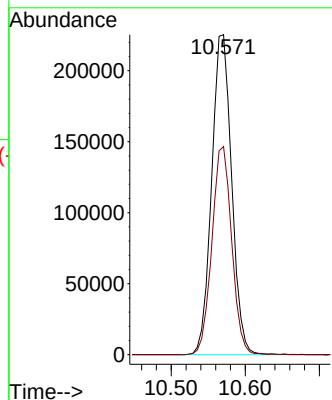
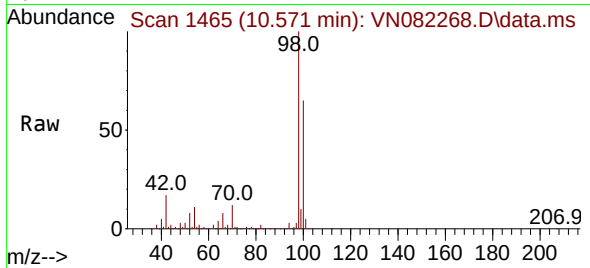




#50
Toluene-d8
Concen: 52.916 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

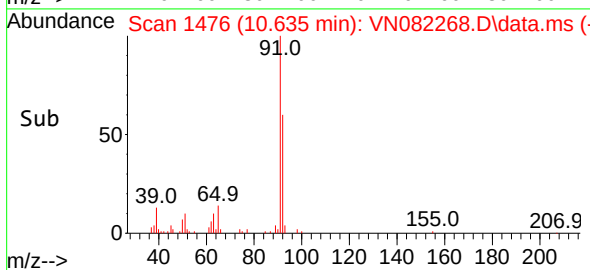
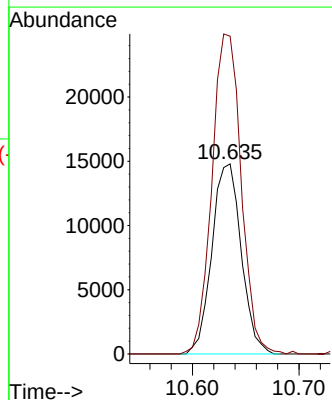
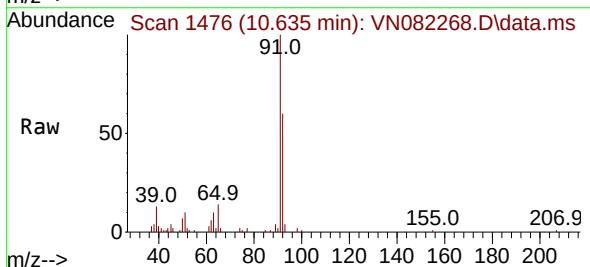
Instrument :
MSVOA_N
ClientSampleId :
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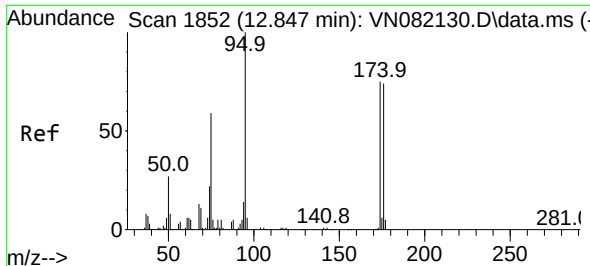
Tgt Ion: 98 Resp: 421922
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#52
Toluene
Concen: 4.525 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Tgt Ion: 92 Resp: 28242
Ion Ratio Lower Upper
92 100
91 168.0 136.7 205.1

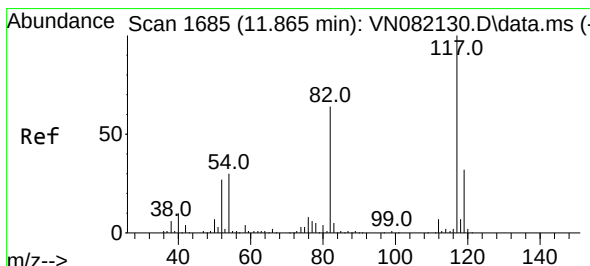
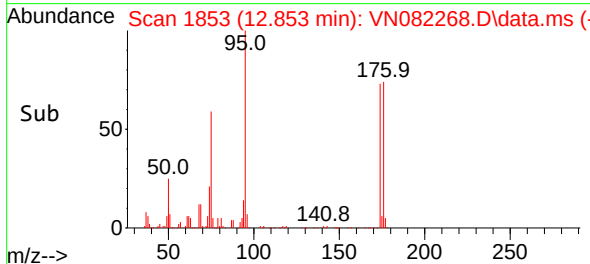
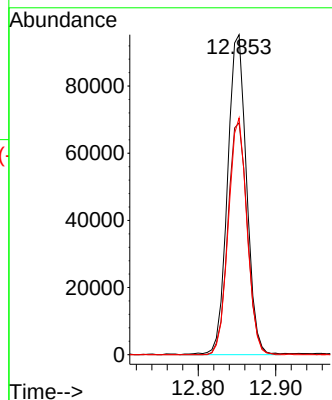
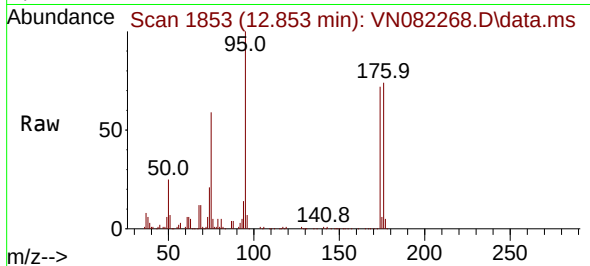




#62
4-Bromofluorobenzene
Concen: 57.097 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

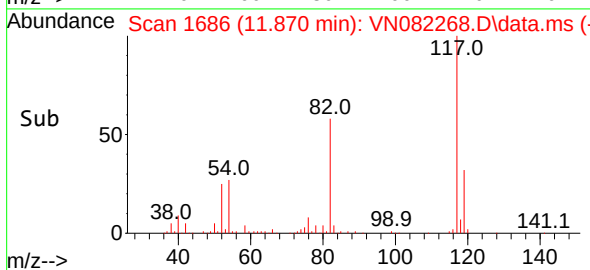
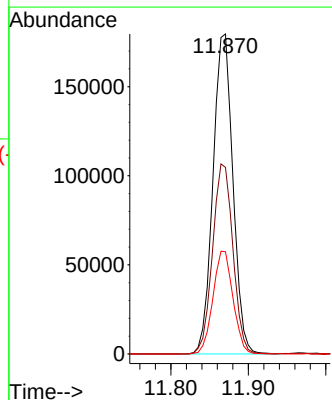
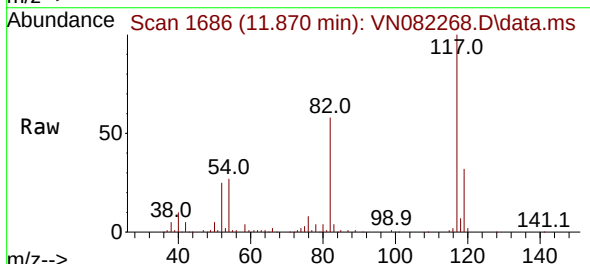
Instrument :
MSVOA_N
ClientSampleId :
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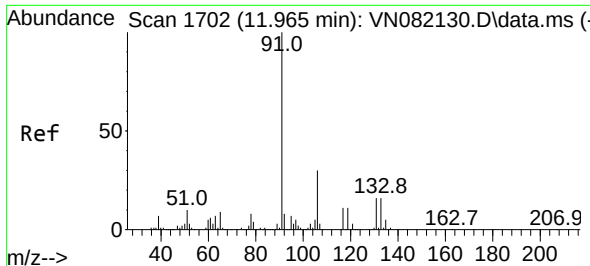
Tgt Ion: 95 Resp: 162493
Ion Ratio Lower Upper
95 100
174 74.0 0.0 160.6
176 72.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Tgt Ion: 117 Resp: 321039
Ion Ratio Lower Upper
117 100
82 58.3 44.6 66.8
119 31.9 25.9 38.9

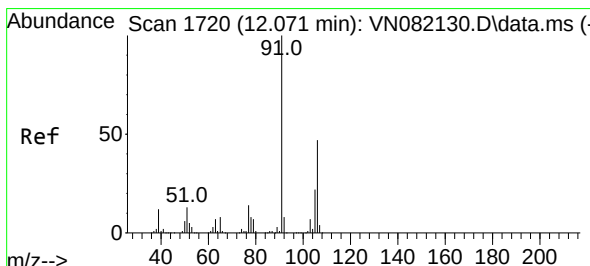
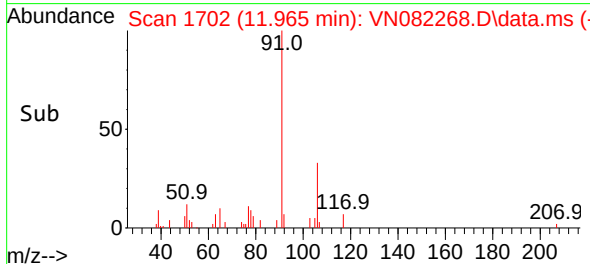
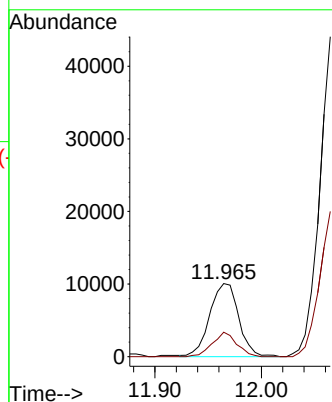
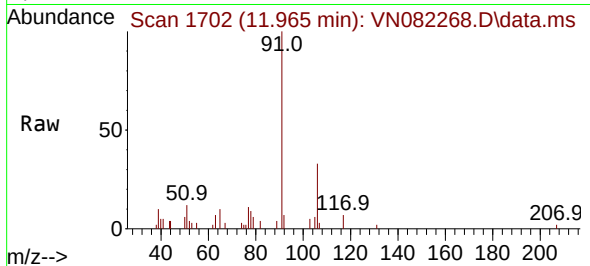




#67
Ethyl Benzene
Concen: 1.501 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

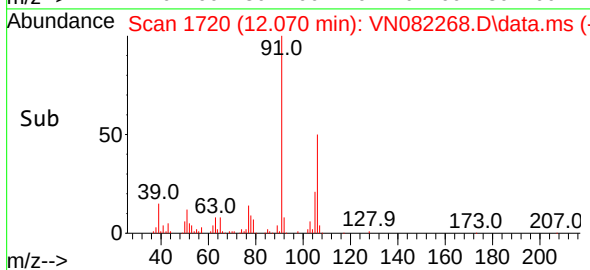
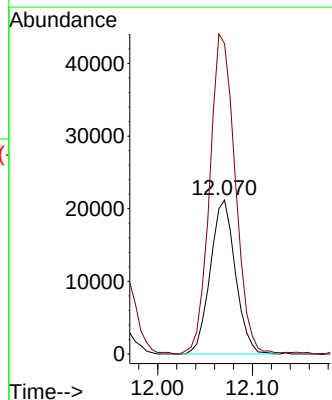
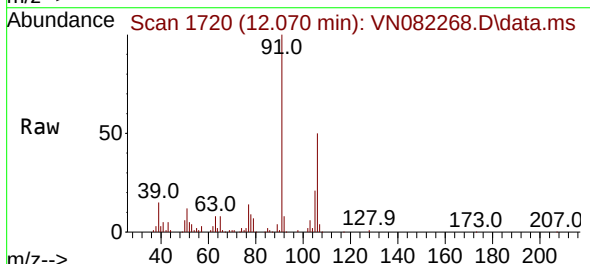
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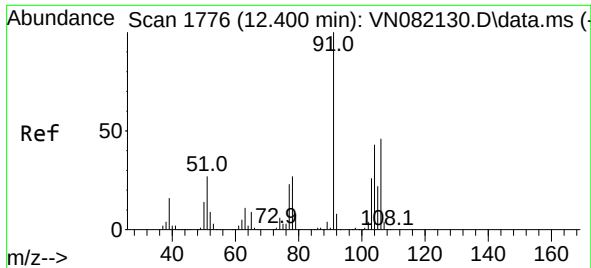
Tgt Ion: 91 Resp: 19042
Ion Ratio Lower Upper
91 100
106 33.4 25.3 37.9



#68
m/p-Xylenes
Concen: 8.366 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Tgt Ion:106 Resp: 38903
Ion Ratio Lower Upper
106 100
91 212.0 159.4 239.0

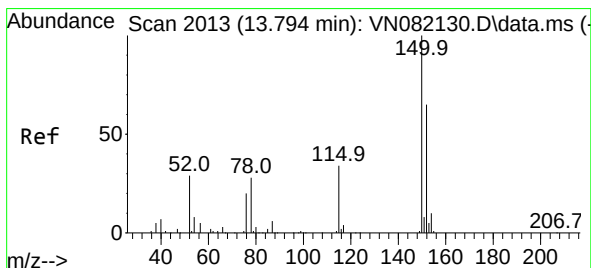
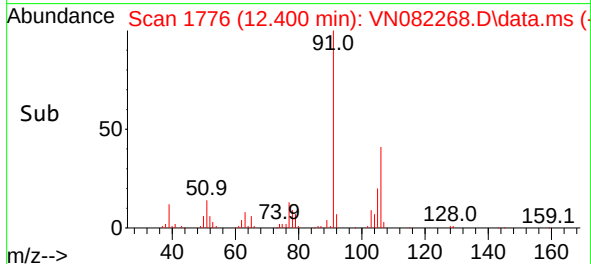
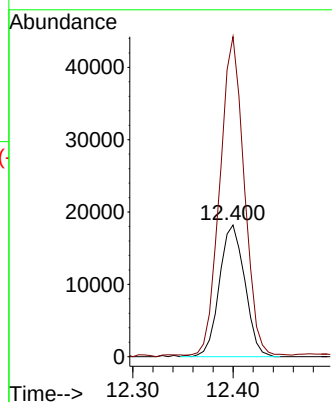
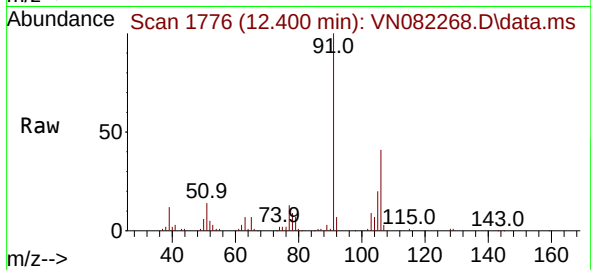




#69
o-Xylene
Concen: 7.113 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

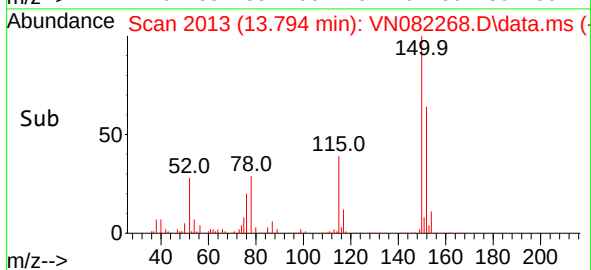
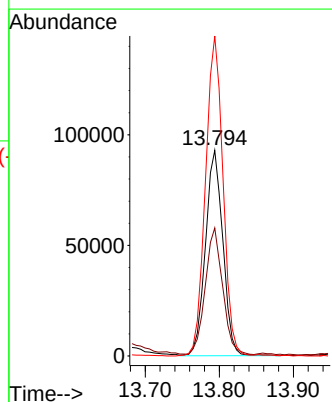
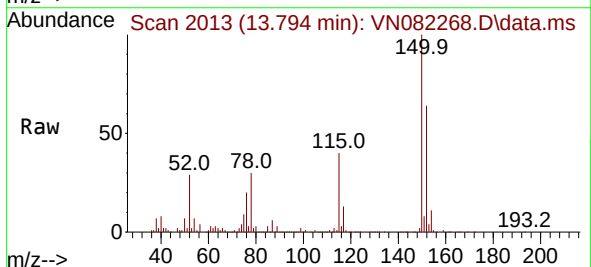
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MSVOA_N
ClientSampleId :
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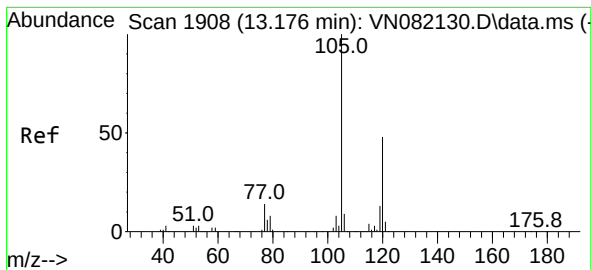
Tgt Ion:106 Resp: 32036
Ion Ratio Lower Upper
106 100
91 230.9 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Tgt Ion:152 Resp: 151427
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 156.5 0.0 353.2





#80

1,3,5-Trimethylbenzene

Concen: 5.303 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082268.D

Acq: 22 May 2024 03:09

Instrument :

MSVOA_N

ClientSampleId :

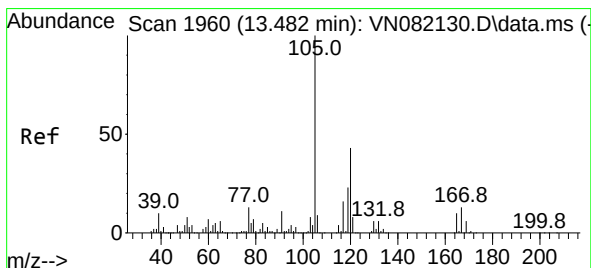
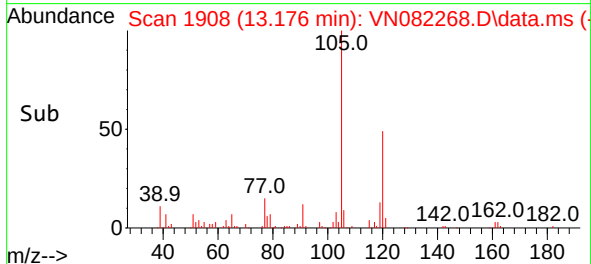
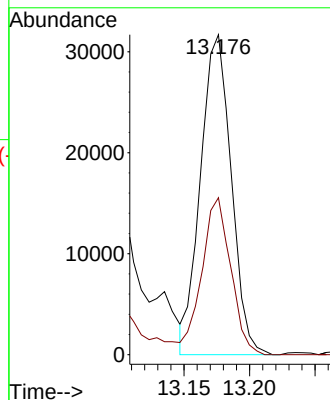
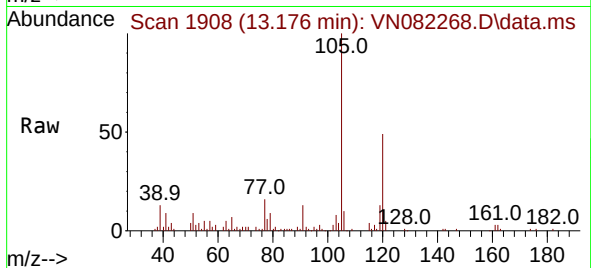
8

Tgt Ion:105 Resp: 51580

Ion Ratio Lower Upper

105 100

120 46.2 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 10.424 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082268.D

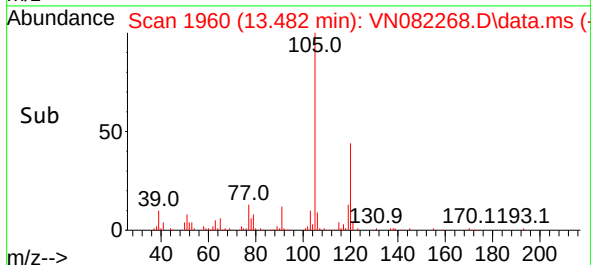
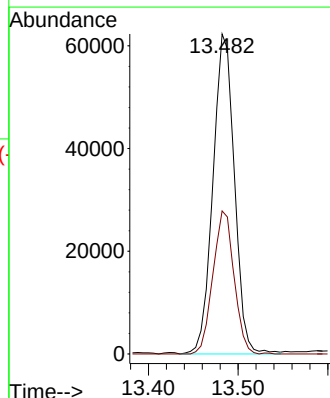
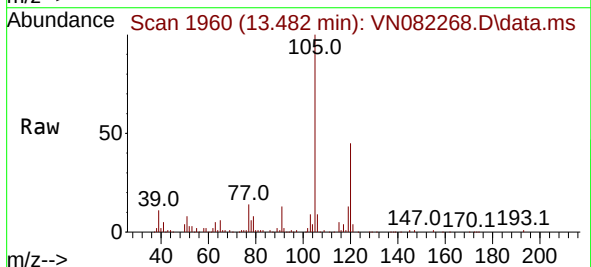
Acq: 22 May 2024 03:09

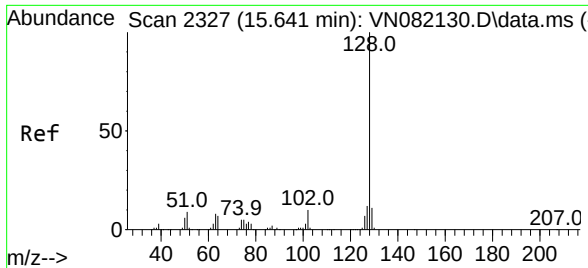
Tgt Ion:105 Resp: 103743

Ion Ratio Lower Upper

105 100

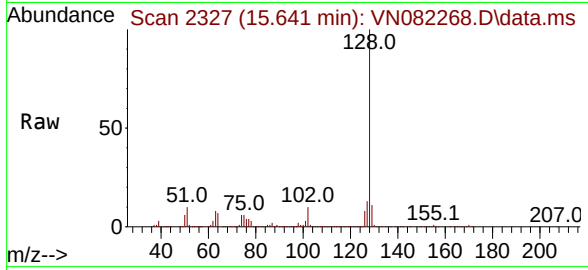
120 43.7 22.9 68.7





#95
Naphthalene
Concen: 155.998 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082268.D
Acq: 22 May 2024 03:09

Instrument :
MSVOA_N
ClientSampleId :
8



Tgt Ion:128 Resp: 1347268
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 10.9 8.9 13.3

