

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082265.D
 Acq On : 22 May 2024 01:57
 Operator : JC\MD
 Sample : P2494-05 40X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5

Quant Time: May 22 04:37:14 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	179281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143966	50.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.720%	
35) Dibromofluoromethane	8.171	113	100409	51.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.571	98	404783	54.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.847	95	153863	57.600	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 115.200%	

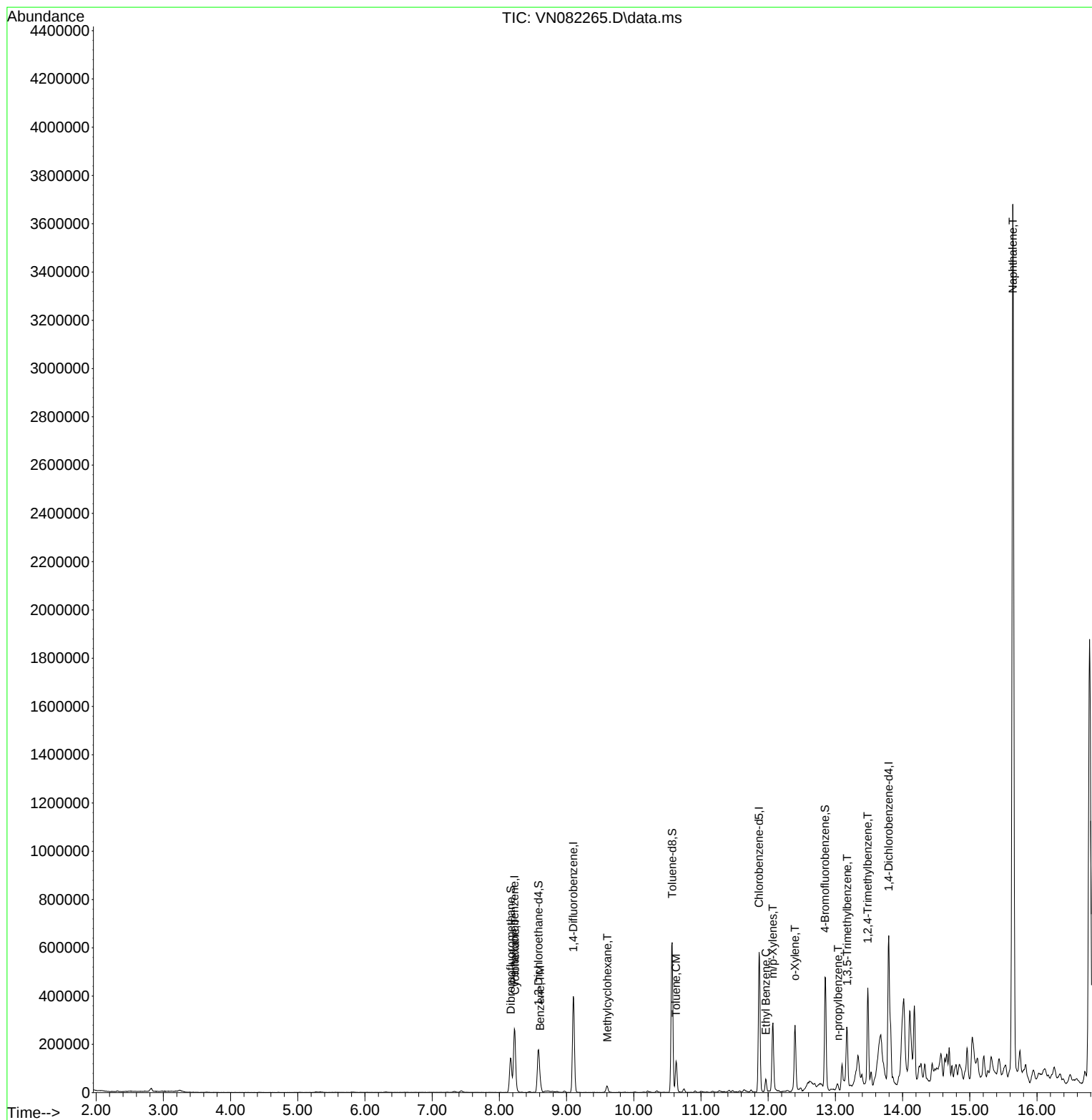
Target Compounds			Qvalue			
31) Cyclohexane	8.235	56	10727	2.373	ug/l #	49
39) Methylcyclohexane	9.606	83	10136	2.824	ug/l #	85
40) Benzene	8.606	78	29106	2.981	ug/l	96
52) Toluene	10.629	92	52144	8.900	ug/l	98
67) Ethyl Benzene	11.965	91	34774	2.878	ug/l	97
68) m/p-Xylenes	12.070	106	76324	17.235	ug/l	94
69) o-Xylene	12.400	106	66837	15.581	ug/l	91
78) n-propylbenzene	13.041	91	16376	1.165	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	113936	11.874	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	222148	22.629	ug/l	98
95) Naphthalene	15.641	128	3144692	369.133	ug/l	99

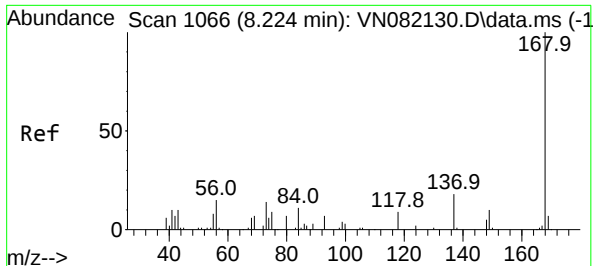
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082265.D
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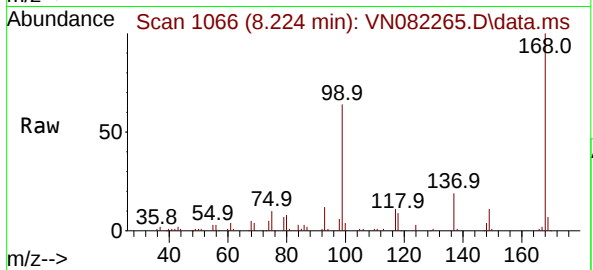
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



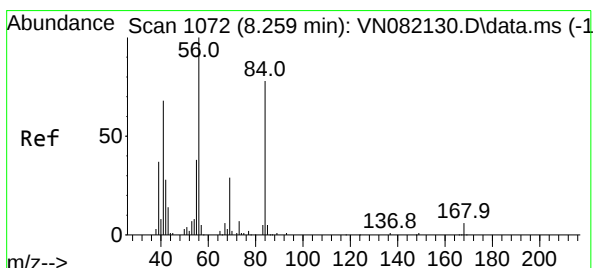
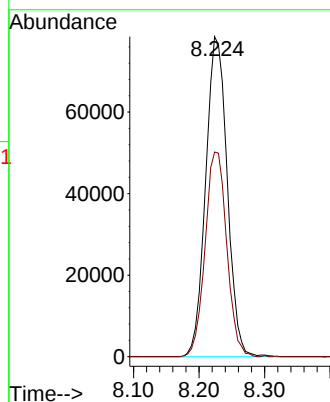
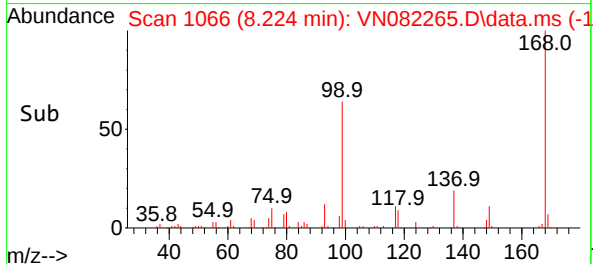


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
5

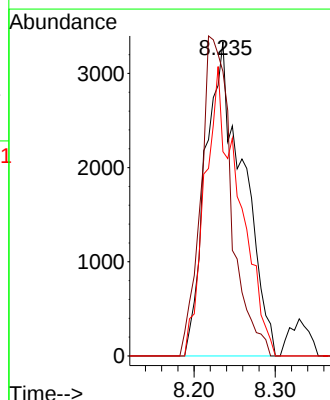
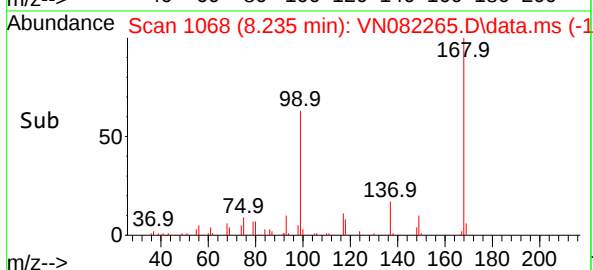
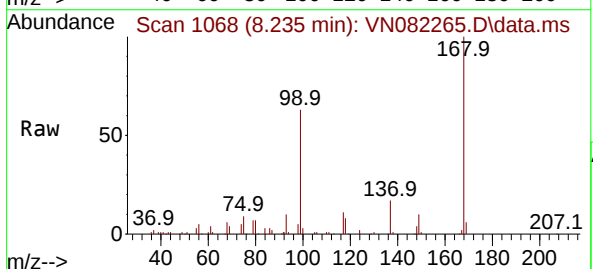


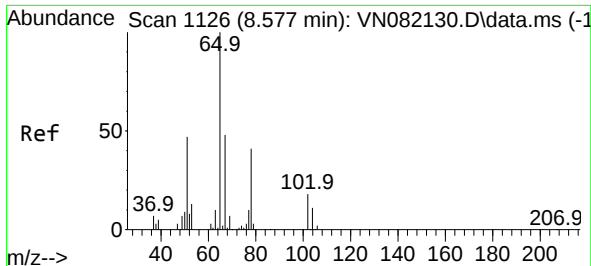
Tgt Ion:168 Resp: 179281
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#31
Cyclohexane
Concen: 2.373 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Tgt Ion: 56 Resp: 10727
Ion Ratio Lower Upper
56 100
69 90.6 24.4 36.6#
84 65.0 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 50.855 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082265.D

Acq: 22 May 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

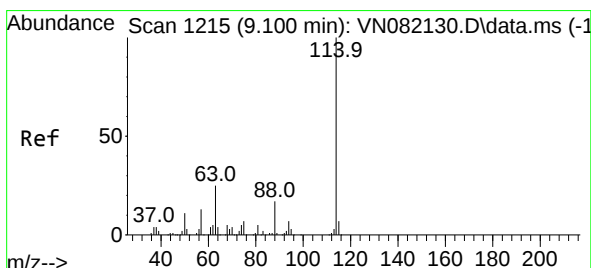
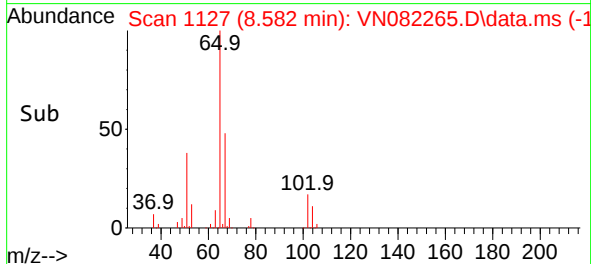
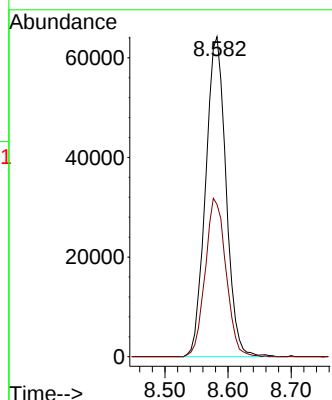
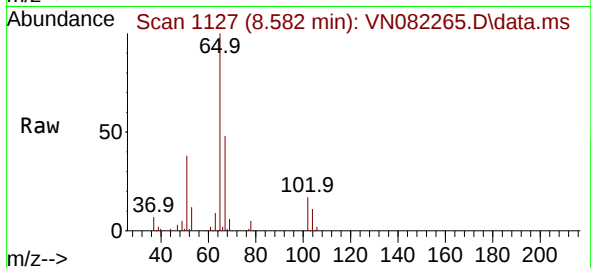
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Tgt Ion: 65 Resp: 143966

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082265.D

Acq: 22 May 2024 01:57

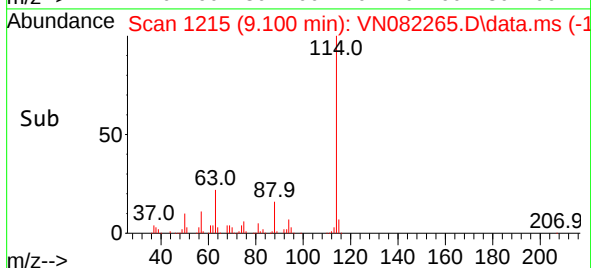
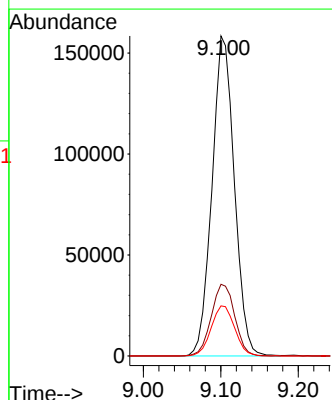
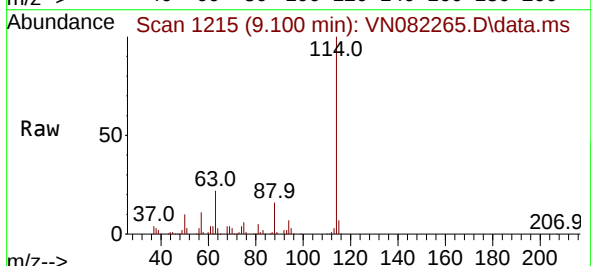
Tgt Ion: 114 Resp: 317328

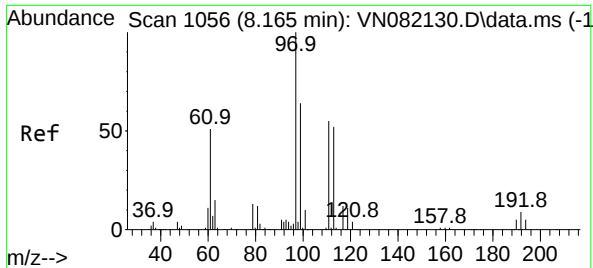
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.0

88 15.6 0.0 31.4

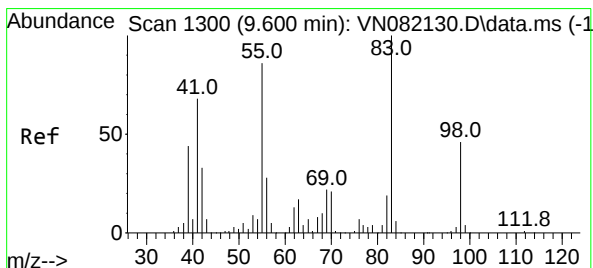
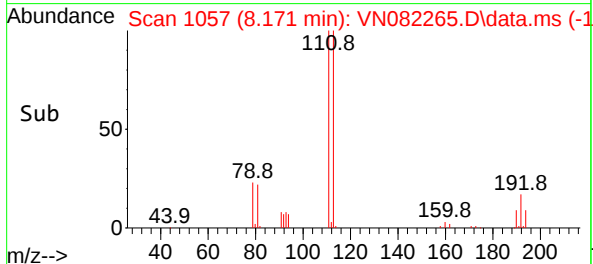
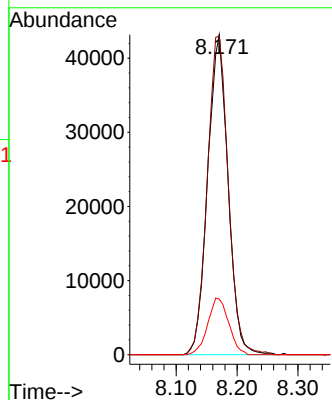
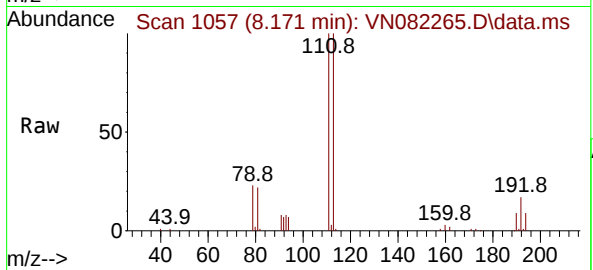




#35
Dibromofluoromethane
Concen: 51.438 ug/l
RT: 8.171 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

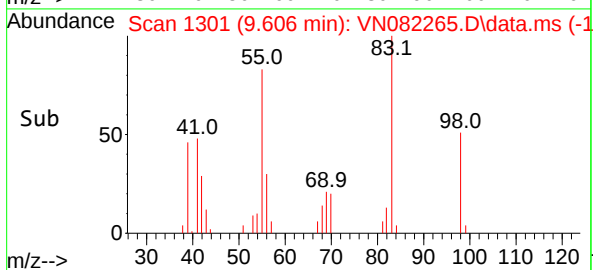
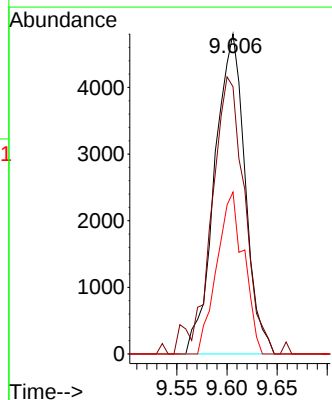
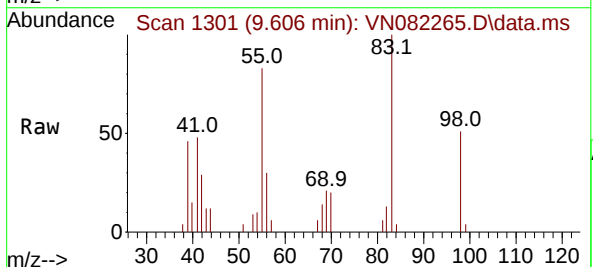
Instrument :
MSVOA_N
ClientSampleId :
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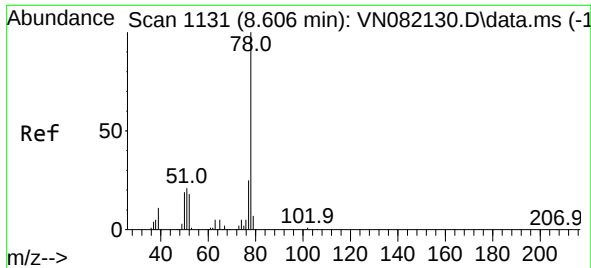
Tgt Ion:113 Resp: 100409
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.2 14.0 21.0



#39
Methylcyclohexane
Concen: 2.824 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Tgt Ion: 83 Resp: 10136
Ion Ratio Lower Upper
83 100
55 83.5 53.0 79.6#
98 50.6 37.1 55.7

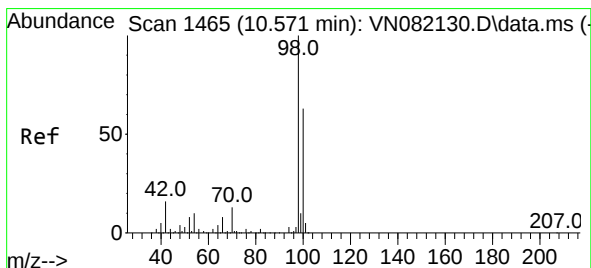
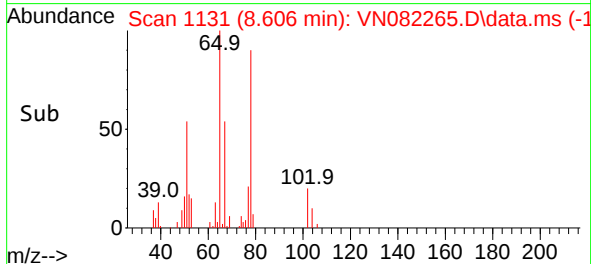
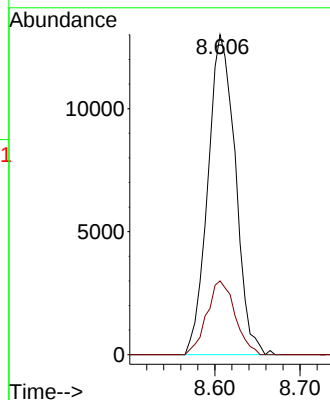
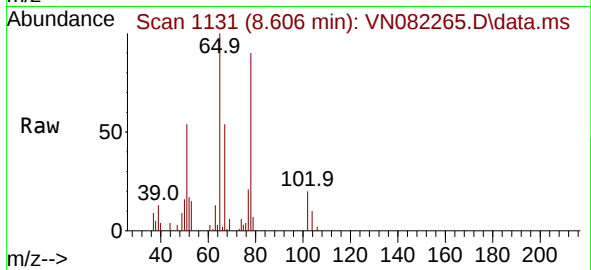




#40
Benzene
Concen: 2.981 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

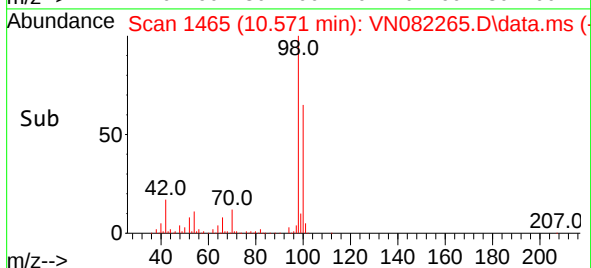
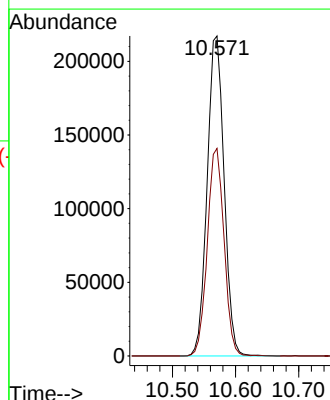
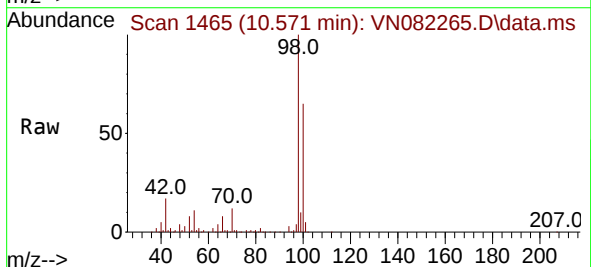
Instrument :
MSVOA_N
ClientSampleId :
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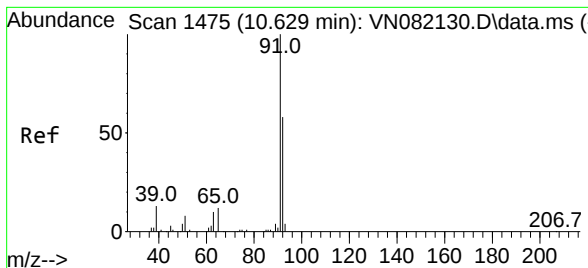
Tgt Ion: 78 Resp: 29106
Ion Ratio Lower Upper
78 100
77 23.0 20.0 30.0



#50
Toluene-d8
Concen: 54.086 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Tgt Ion: 98 Resp: 404783
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6





#52

Toluene

Concen: 8.900 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082265.D

Acq: 22 May 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

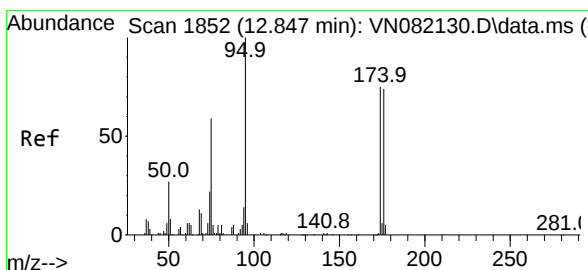
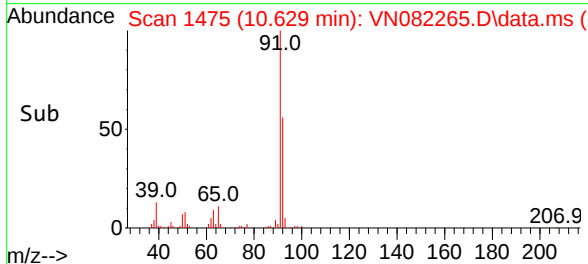
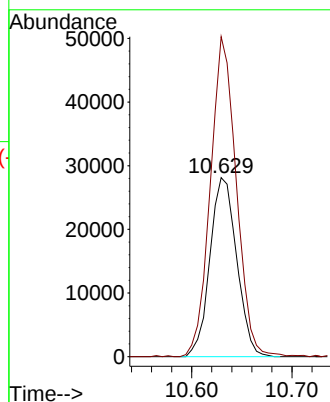
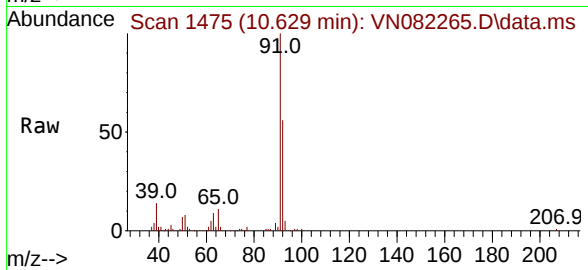
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Tgt Ion: 92 Resp: 52144

Ion Ratio Lower Upper

92 100

91 173.6 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 57.600 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082265.D

Acq: 22 May 2024 01:57

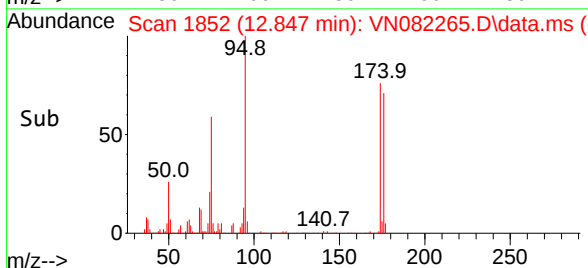
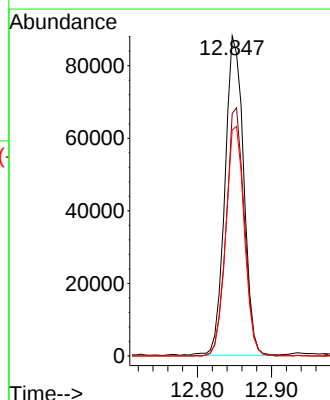
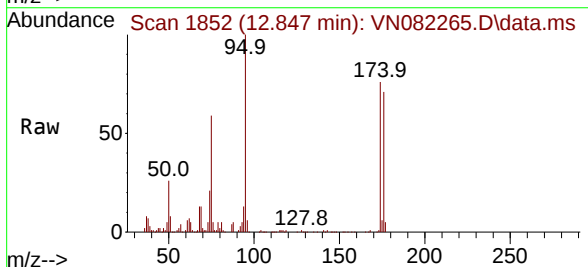
Tgt Ion: 95 Resp: 153863

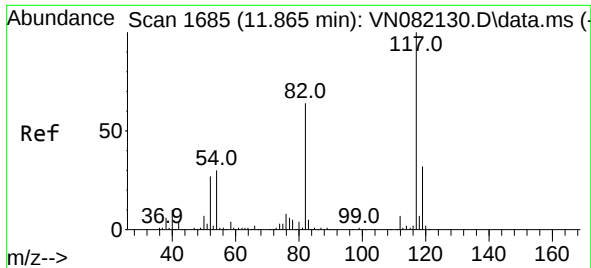
Ion Ratio Lower Upper

95 100

174 75.7 0.0 160.6

176 71.5 0.0 152.8

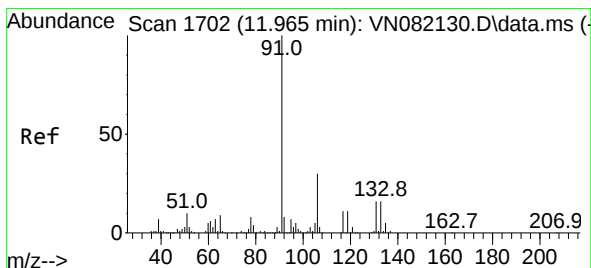
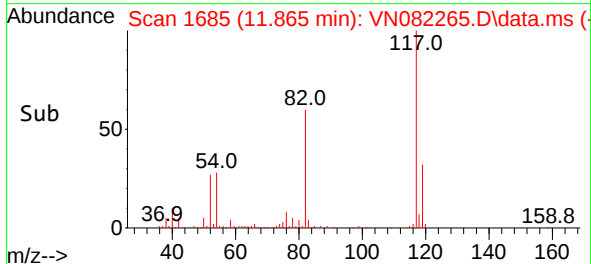
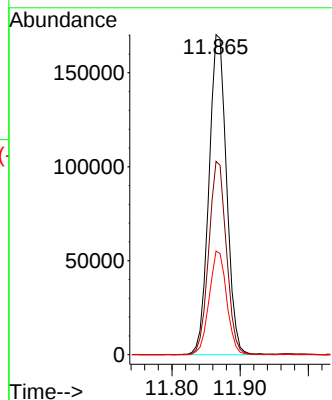
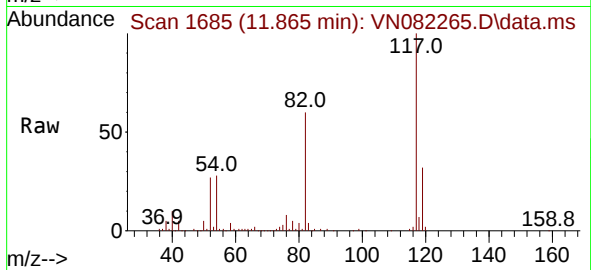




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

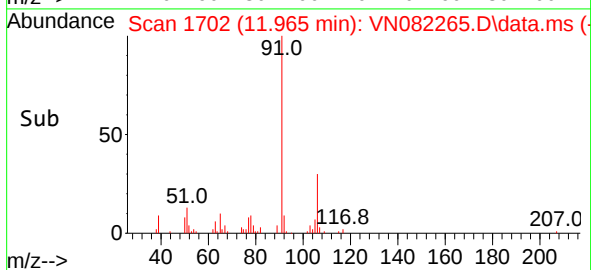
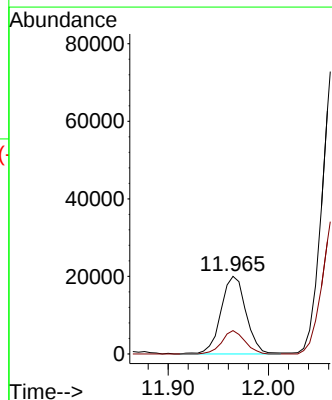
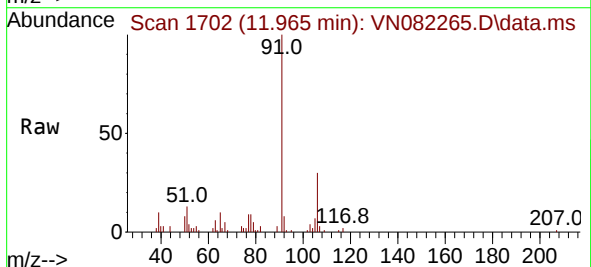
Instrument :
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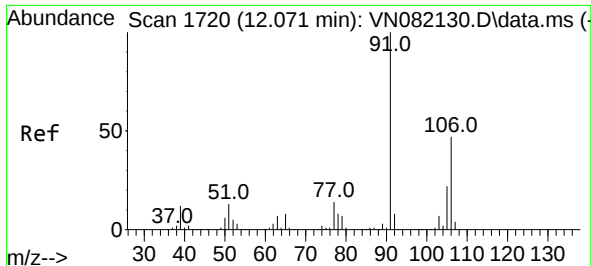
Tgt Ion:117 Resp: 305744
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 32.4 25.9 38.9



#67
Ethyl Benzene
Concen: 2.878 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Tgt Ion: 91 Resp: 34774
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9

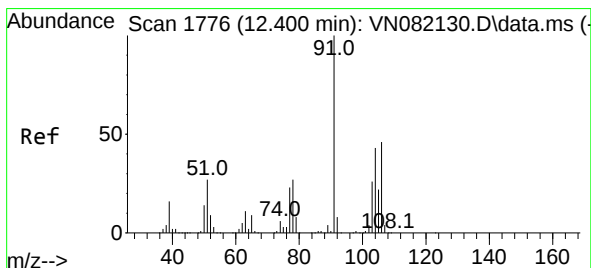
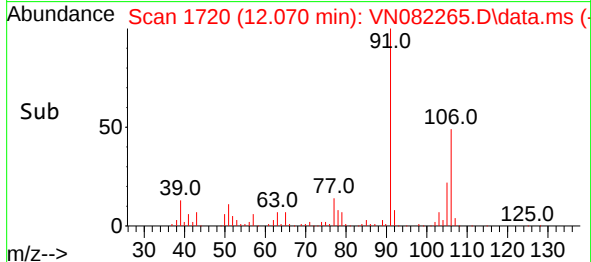
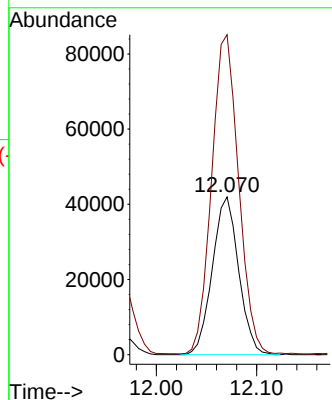
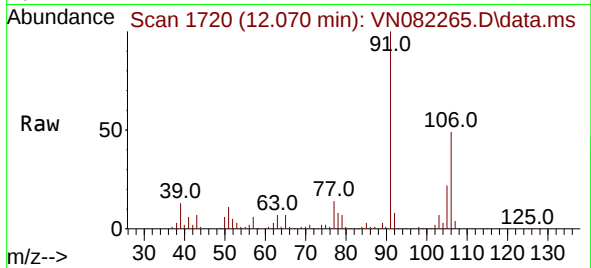




#68
m/p-Xylenes
Concen: 17.235 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

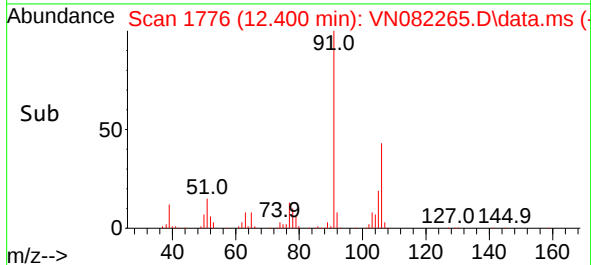
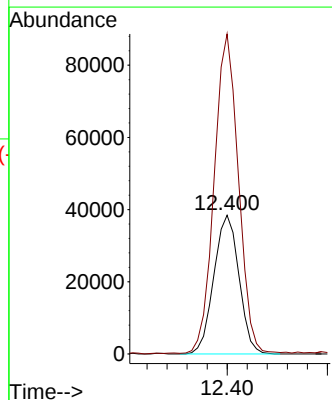
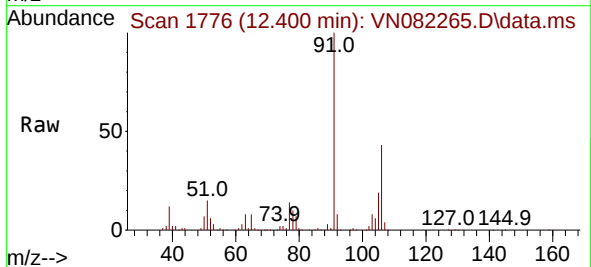
Instrument :
MSVOA_N
ClientSampleId :
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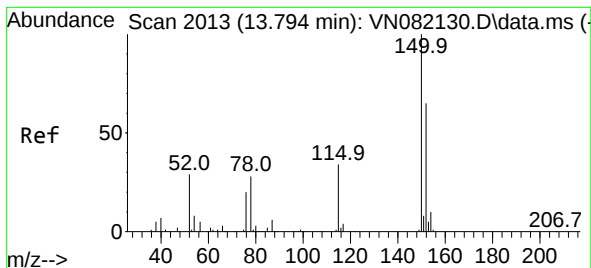
Tgt Ion:106 Resp: 76324
Ion Ratio Lower Upper
106 100
91 207.9 159.4 239.0



#69
o-Xylene
Concen: 15.581 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Tgt Ion:106 Resp: 66837
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# 20

Delta R.T. -0.000 min

Lab File: VN082265.D

Acq: 22 May 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

5

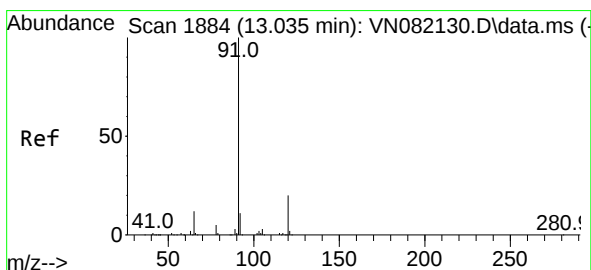
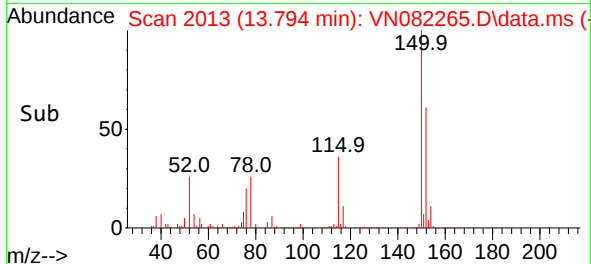
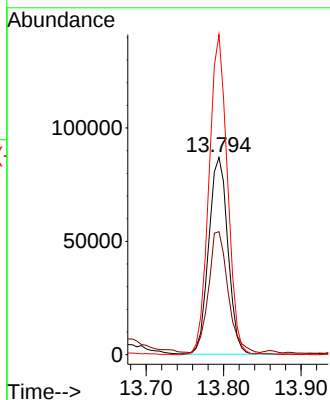
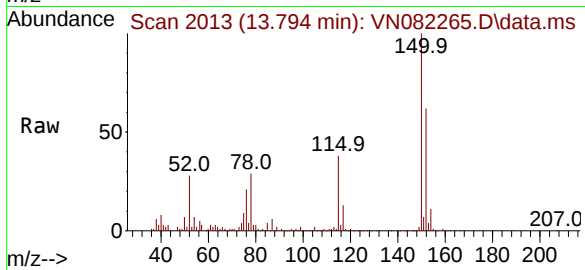
Tgt Ion:152 Resp: 149370

Ion Ratio Lower Upper

152 100

115 62.2 30.4 91.3

150 156.1 0.0 353.2



#78

n-propylbenzene

Concen: 1.165 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082265.D

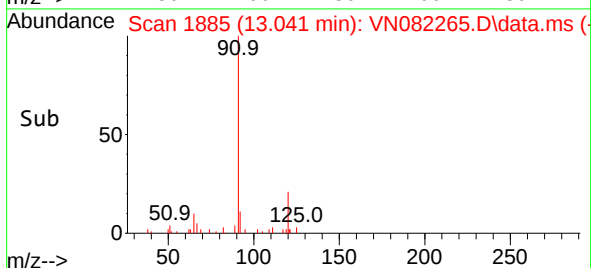
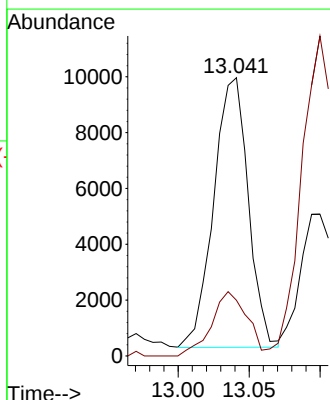
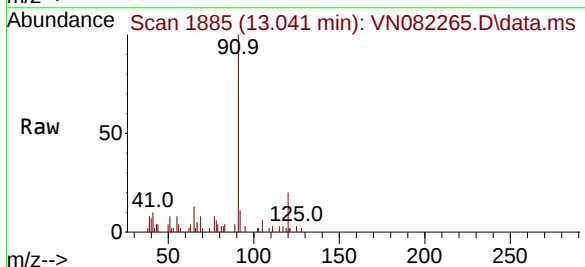
Acq: 22 May 2024 01:57

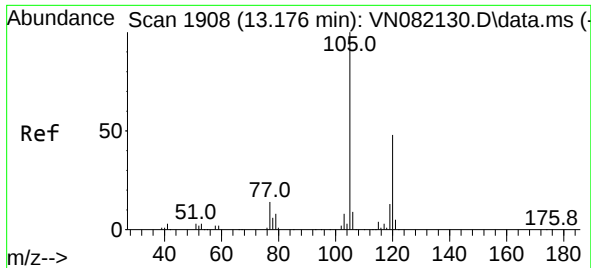
Tgt Ion: 91 Resp: 16376

Ion Ratio Lower Upper

91 100

120 24.3 11.7 35.0

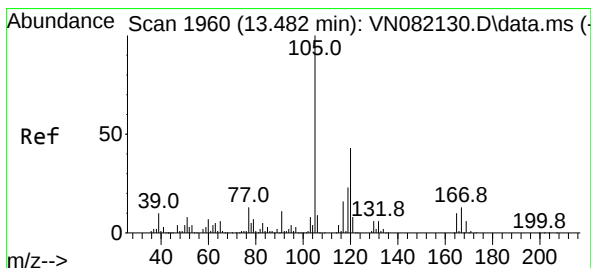
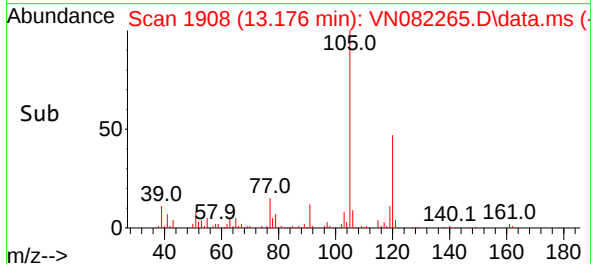
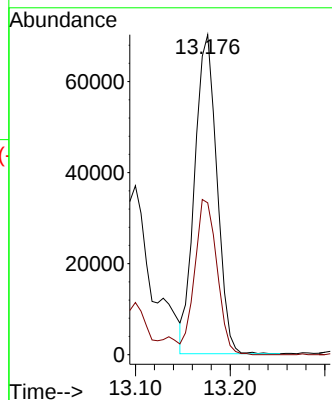
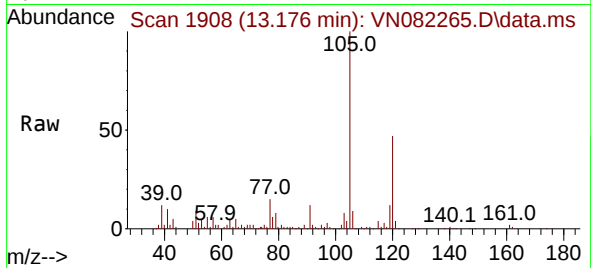




#80
 1,3,5-Trimethylbenzene
 Concen: 11.874 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082265.D
 Acq: 22 May 2024 01:57

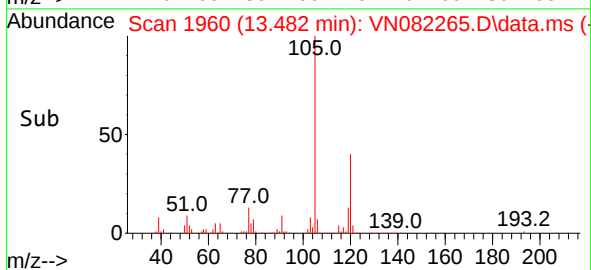
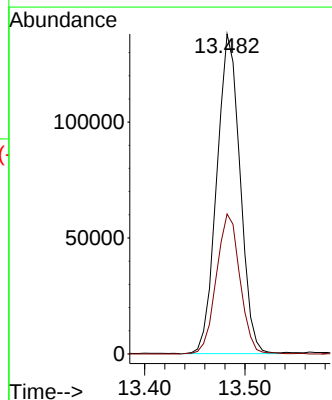
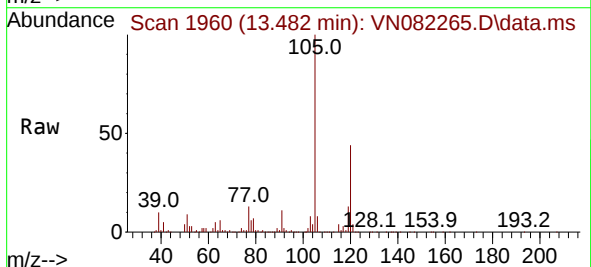
Instrument :
 MSVOA_N
 ClientSampleId :
 5

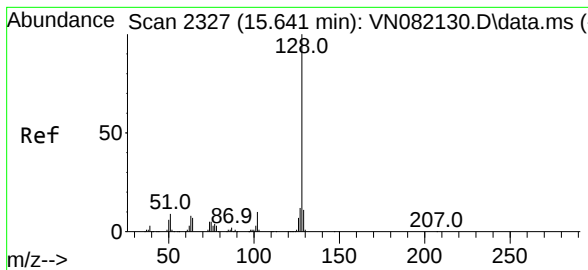
Tgt Ion:105 Resp: 113936
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 22.629 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082265.D
 Acq: 22 May 2024 01:57

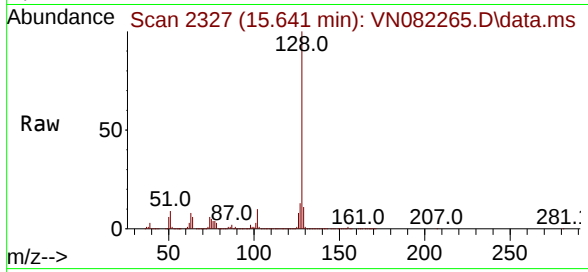
Tgt Ion:105 Resp: 222148
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.9 68.7





#95
Naphthalene
Concen: 369.133 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082265.D
Acq: 22 May 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
5



Tgt Ion:128 Resp: 3144692
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.7 8.9 13.3

