

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082262.D
 Acq On : 22 May 2024 00:44
 Operator : JC\MD
 Sample : P2494-02 40X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2

Quant Time: May 22 04:35:35 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	177076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	295693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143717	51.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.800%
35) Dibromofluoromethane	8.171	113	101053	52.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.900%
50) Toluene-d8	10.571	98	395608	54.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.120%
62) 4-Bromofluorobenzene	12.847	95	142278	54.476	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.960%

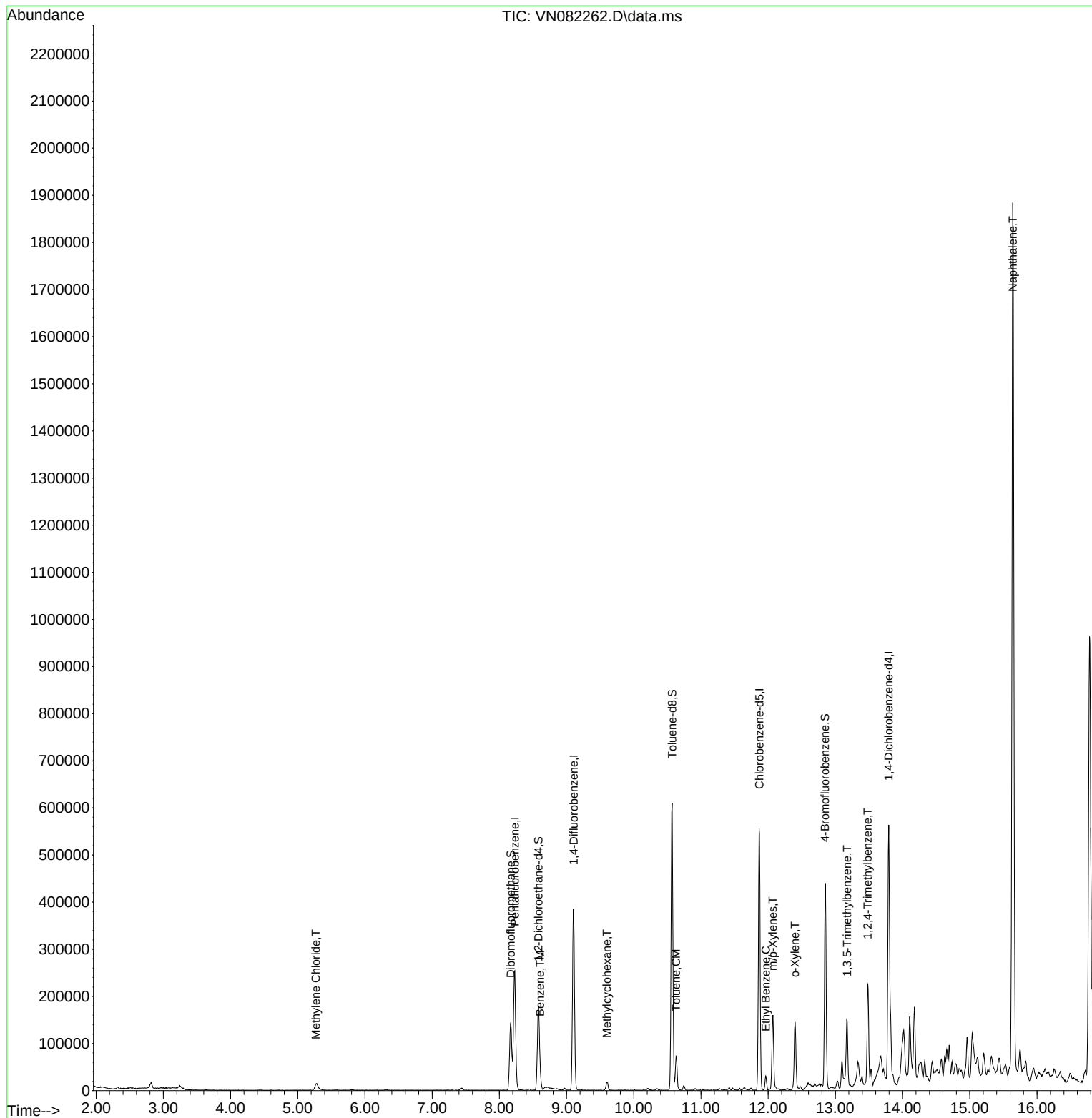
Target Compounds					Qvalue	
20) Methylene Chloride	5.271	84	9517	4.112	ug/l	# 78
39) Methylcyclohexane	9.600	83	7219	2.057	ug/l	# 87
40) Benzene	8.606	78	17829	1.868	ug/l	91
52) Toluene	10.629	92	29450	5.141	ug/l	94
67) Ethyl Benzene	11.965	91	19391	1.659	ug/l	# 87
68) m/p-Xylenes	12.070	106	41845	9.771	ug/l	92
69) o-Xylene	12.400	106	35938	8.663	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	62944	7.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	118928	13.582	ug/l	98
95) Naphthalene	15.641	128	1659456	218.383	ug/l	99

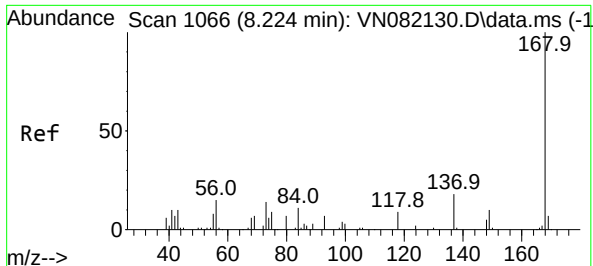
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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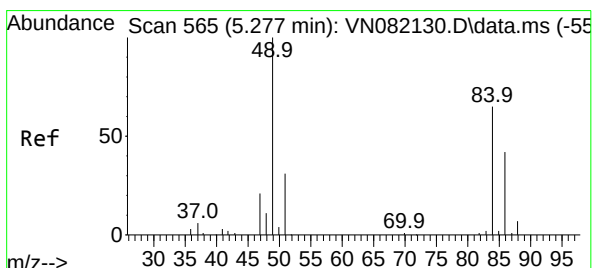
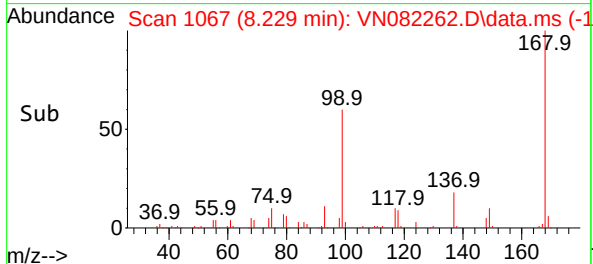
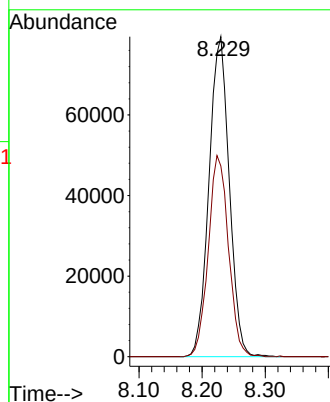
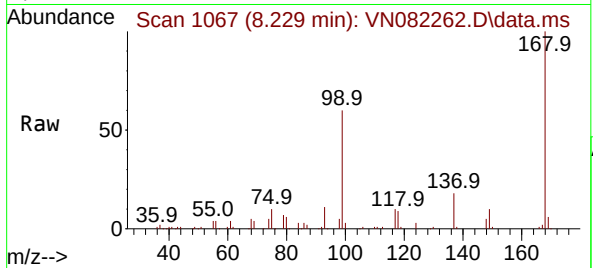




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

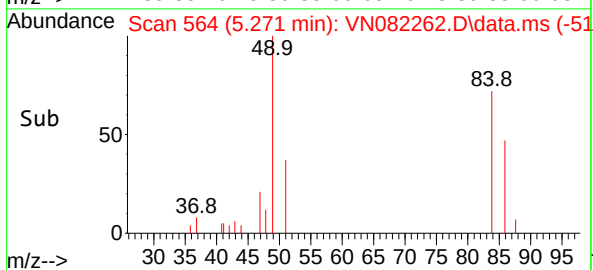
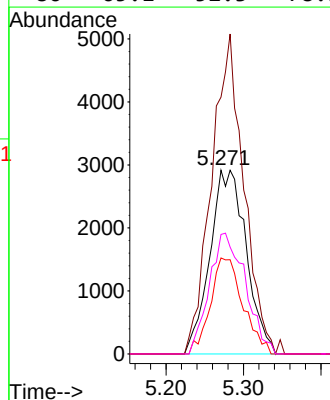
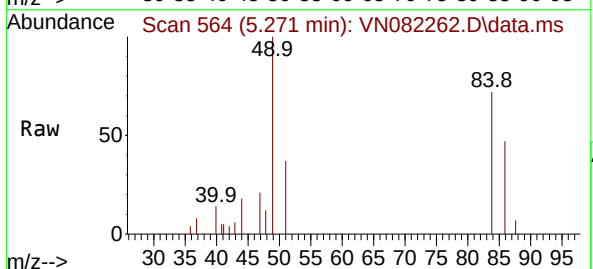
Instrument :
MSVOA_N
ClientSampleId :
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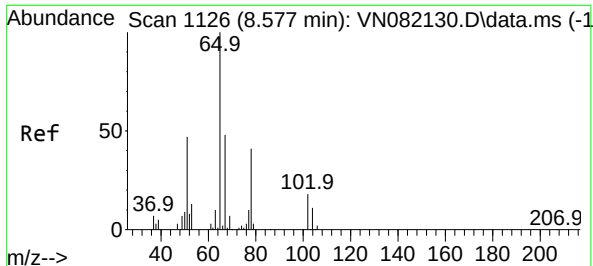
Tgt Ion:168 Resp: 177076
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#20
Methylene Chloride
Concen: 4.112 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

Tgt Ion: 84 Resp: 9517
Ion Ratio Lower Upper
84 100
49 139.7 84.9 127.3#
51 52.2 27.0 40.6#
86 65.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 51.400 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082262.D

Acq: 22 May 2024 00:44

Instrument :

MSVOA_N

ClientSampleId :

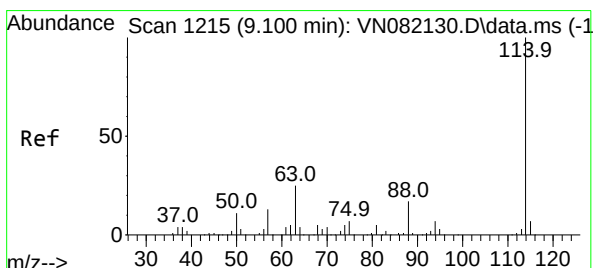
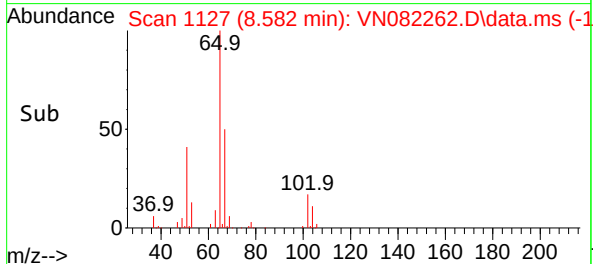
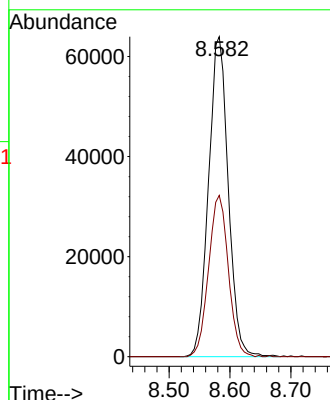
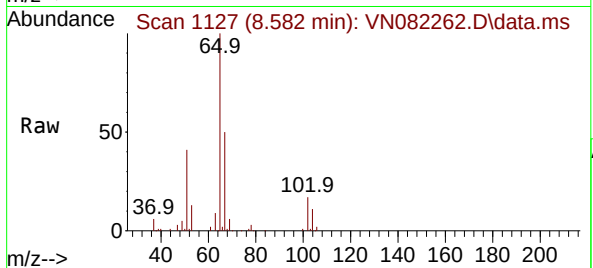
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Tgt Ion: 65 Resp: 143717

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082262.D

Acq: 22 May 2024 00:44

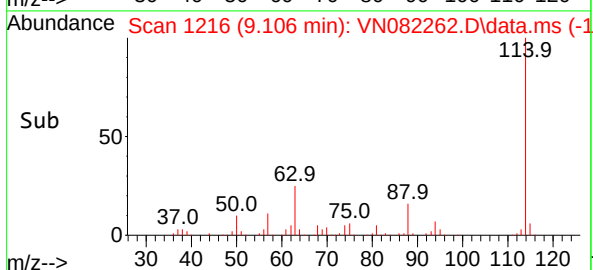
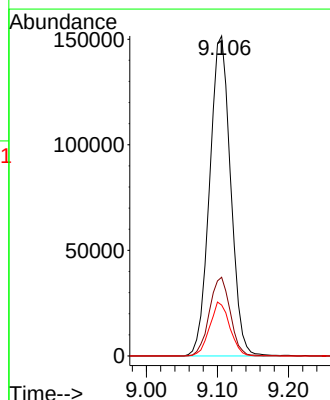
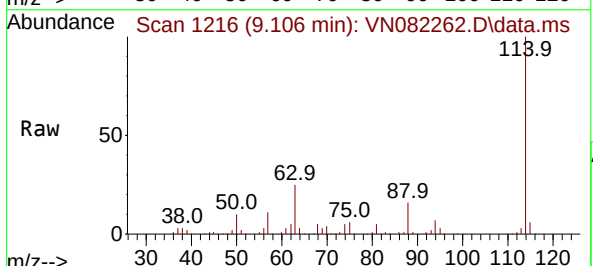
Tgt Ion: 114 Resp: 310264

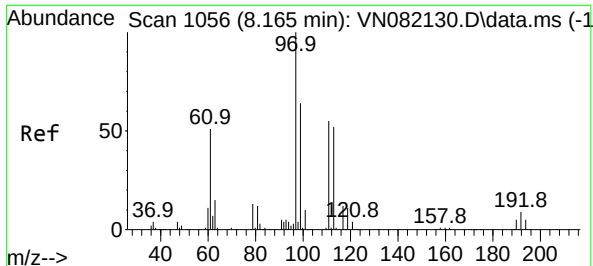
Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 15.9 0.0 31.4

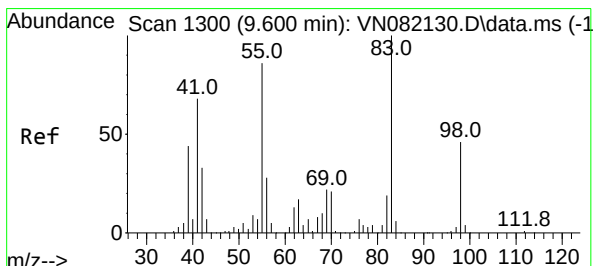
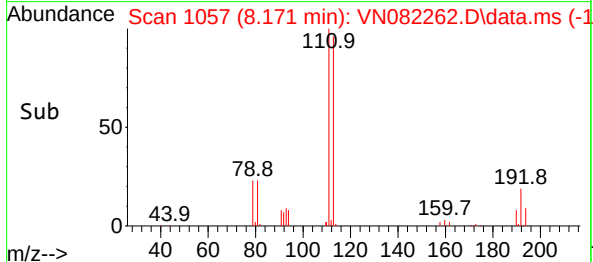
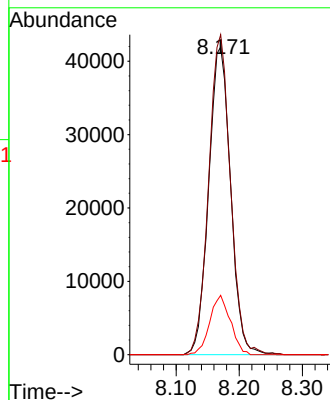
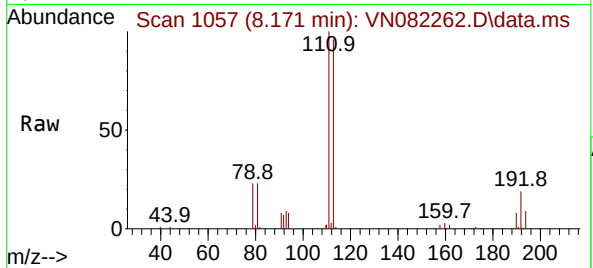




#35
Dibromofluoromethane
Concen: 52.946 ug/l
RT: 8.171 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

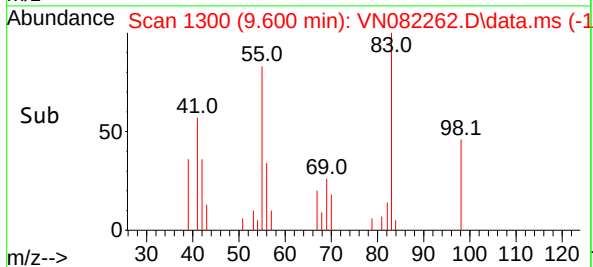
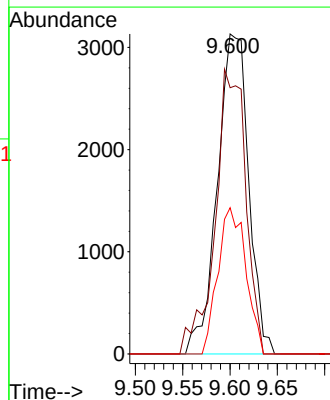
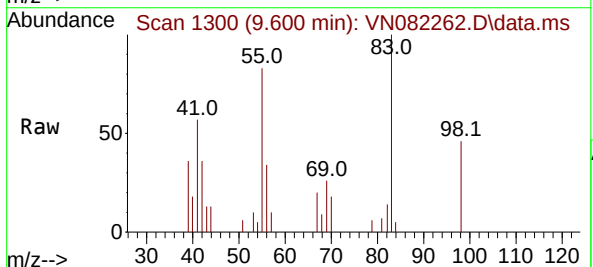
Instrument :
MSVOA_N
ClientSampleId :
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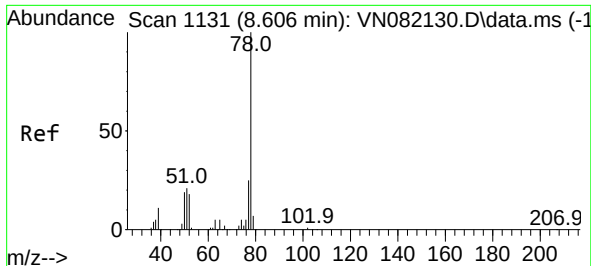
Tgt Ion:113 Resp: 101053
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 18.2 14.0 21.0



#39
Methylcyclohexane
Concen: 2.057 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

Tgt Ion: 83 Resp: 7219
Ion Ratio Lower Upper
83 100
55 83.2 53.0 79.6#
98 45.7 37.1 55.7

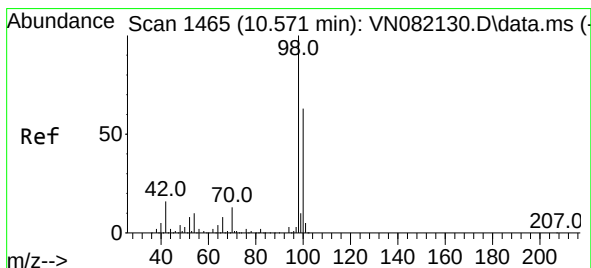
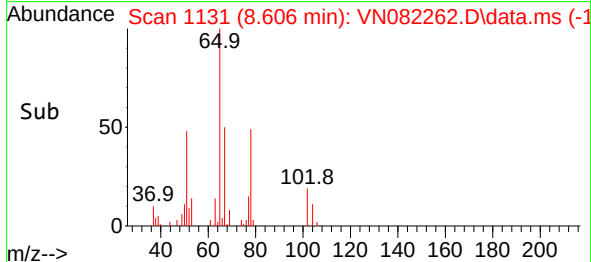
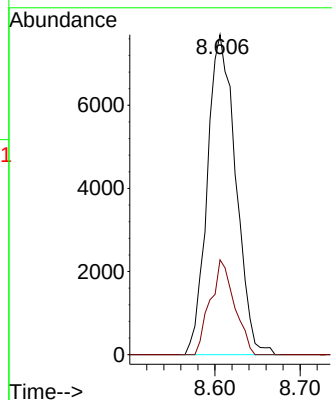
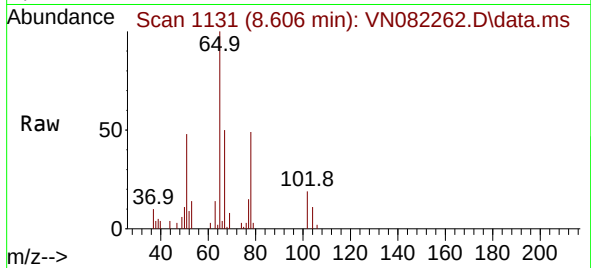




#40
Benzene
Concen: 1.868 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

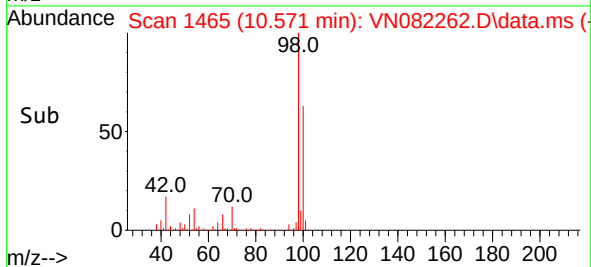
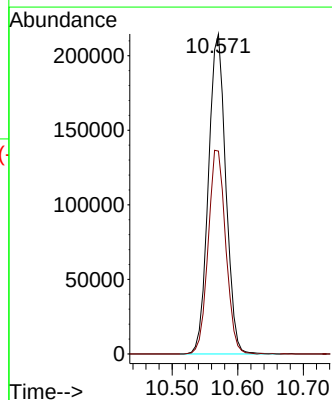
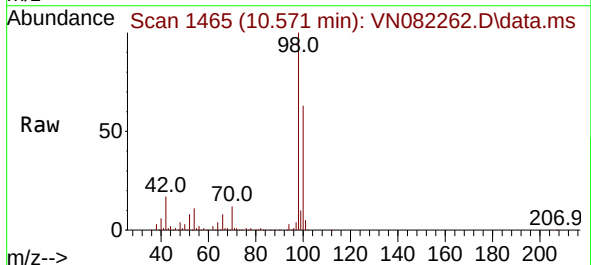
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MSVOA_N
ClientSampleId :
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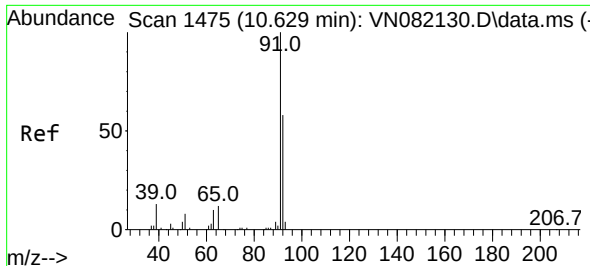
Tgt Ion: 78 Resp: 17829
Ion Ratio Lower Upper
78 100
77 29.6 20.0 30.0



#50
Toluene-d8
Concen: 54.064 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

Tgt Ion: 98 Resp: 395608
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

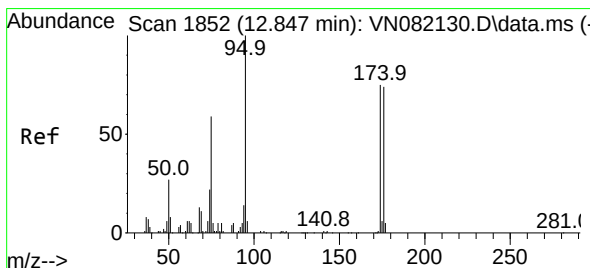
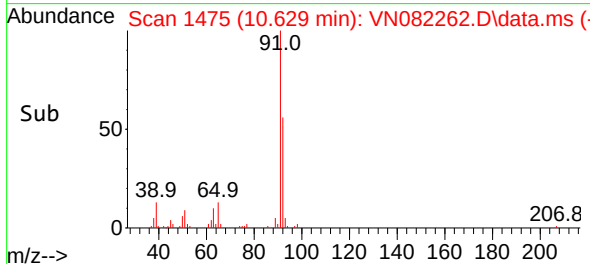
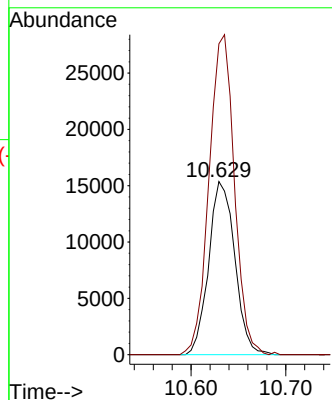
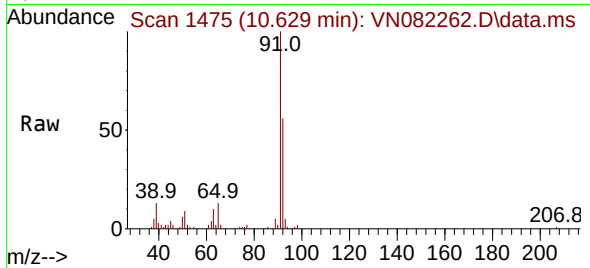




#52
Toluene
Concen: 5.141 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

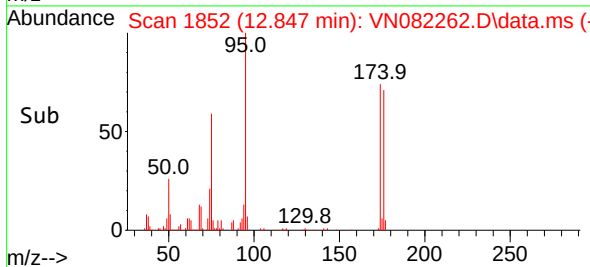
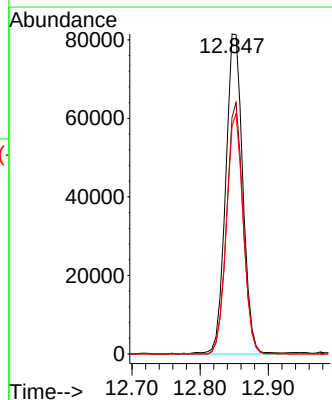
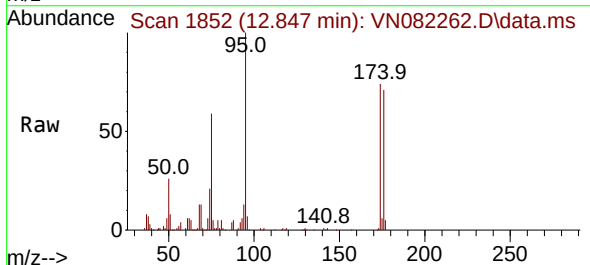
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ClientSampleId :
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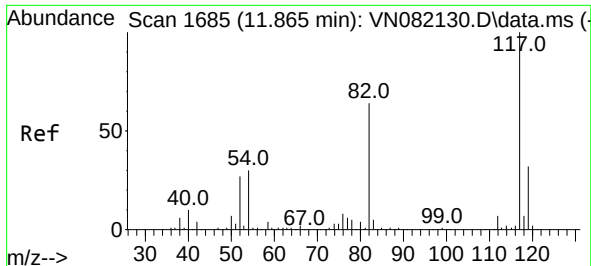
Tgt Ion: 92 Resp: 29450
Ion Ratio Lower Upper
92 100
91 179.1 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 54.476 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

Tgt Ion: 95 Resp: 142278
Ion Ratio Lower Upper
95 100
174 75.4 0.0 160.6
176 73.4 0.0 152.8

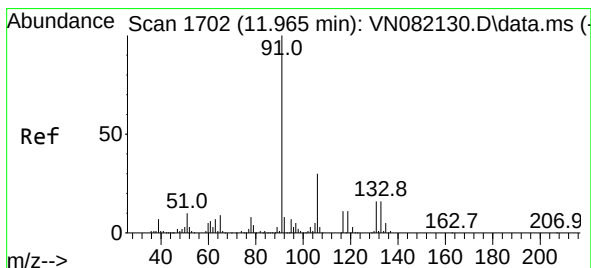
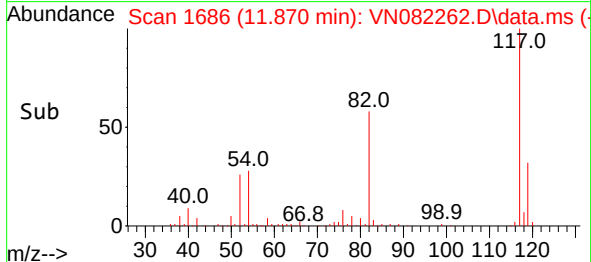
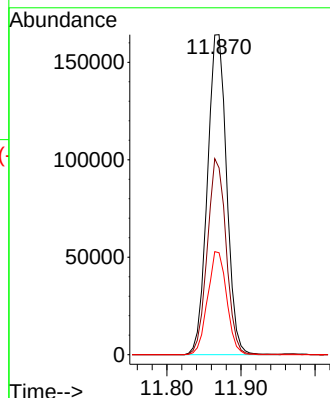
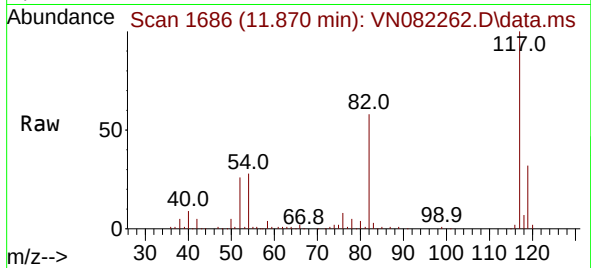




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

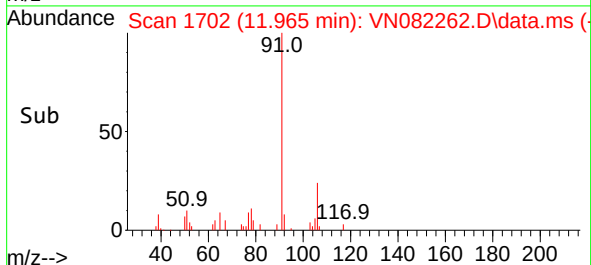
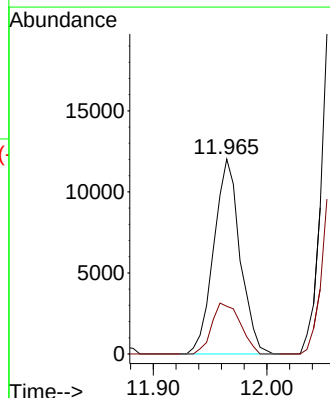
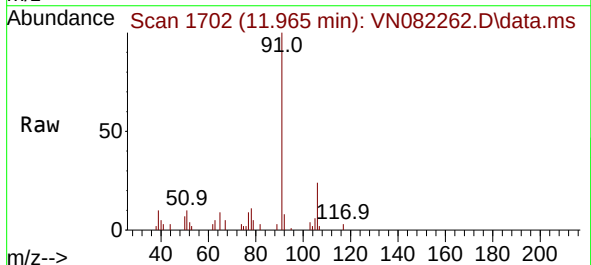
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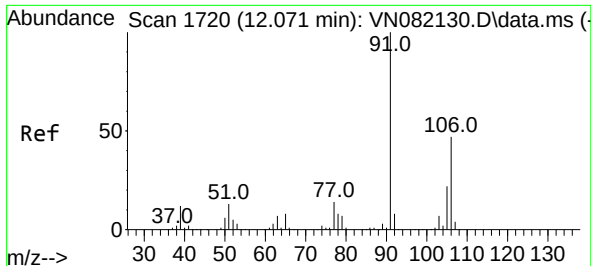
Tgt Ion:117 Resp: 295693
Ion Ratio Lower Upper
117 100
82 58.4 44.6 66.8
119 31.9 25.9 38.9



#67
Ethyl Benzene
Concen: 1.659 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

Tgt Ion: 91 Resp: 19391
Ion Ratio Lower Upper
91 100
106 24.4 25.3 37.9#

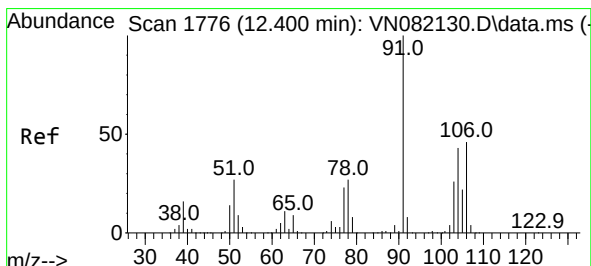
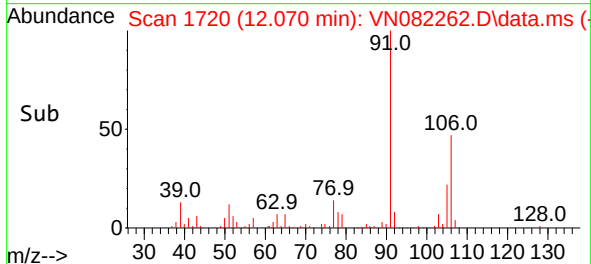
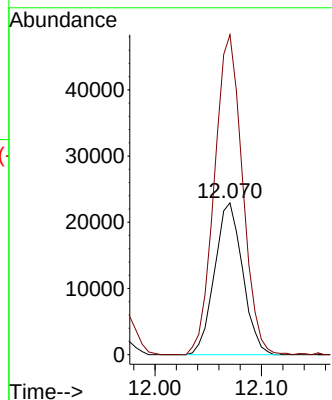
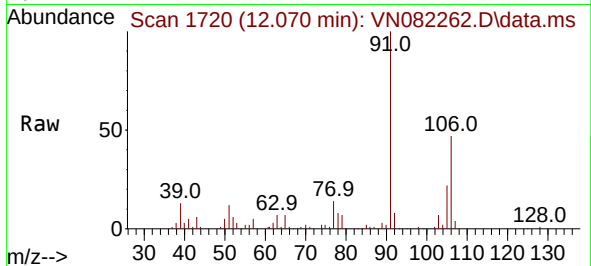




#68
m/p-Xylenes
Concen: 9.771 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

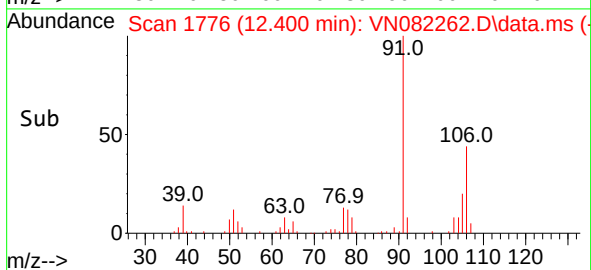
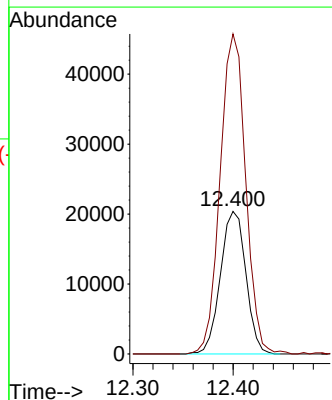
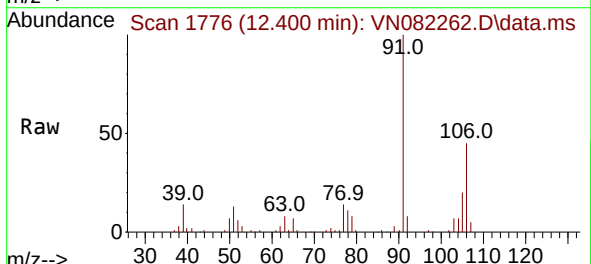
Instrument :
MSVOA_N
ClientSampleId :
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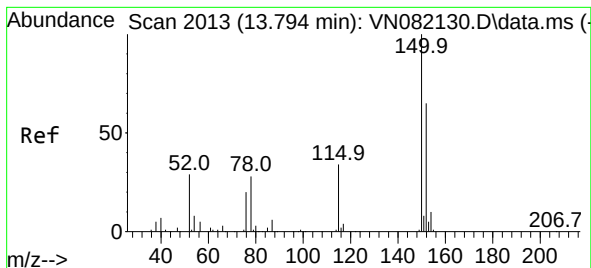
Tgt Ion:106 Resp: 41845
Ion Ratio Lower Upper
106 100
91 211.2 159.4 239.0



#69
o-Xylene
Concen: 8.663 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082262.D
Acq: 22 May 2024 00:44

Tgt Ion:106 Resp: 35938
Ion Ratio Lower Upper
106 100
91 225.1 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082262.D

Acq: 22 May 2024 00:44

Instrument :

MSVOA_N

ClientSampleId :

2

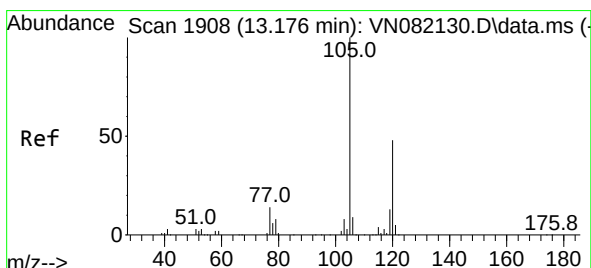
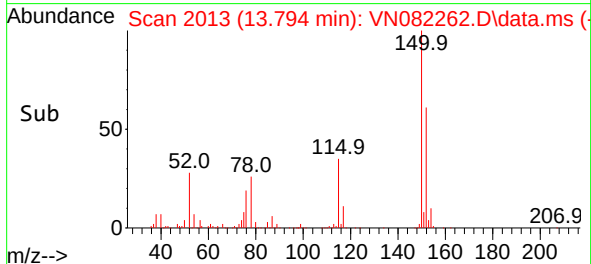
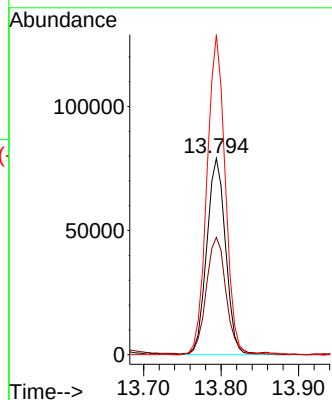
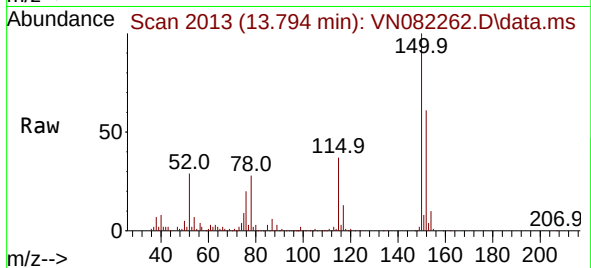
Tgt Ion:152 Resp: 133234

Ion Ratio Lower Upper

152 100

115 62.1 30.4 91.3

150 158.3 0.0 353.2



#80

1,3,5-Trimethylbenzene

Concen: 7.354 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082262.D

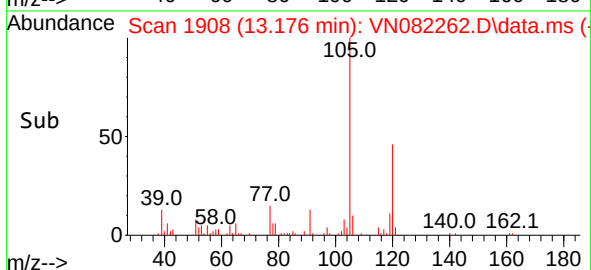
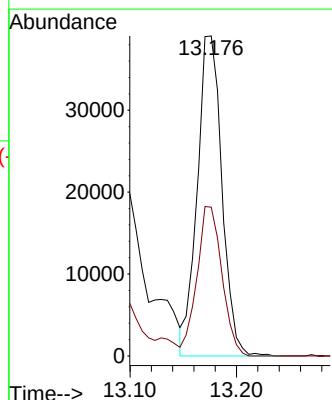
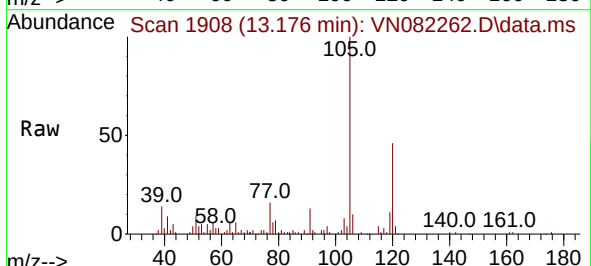
Acq: 22 May 2024 00:44

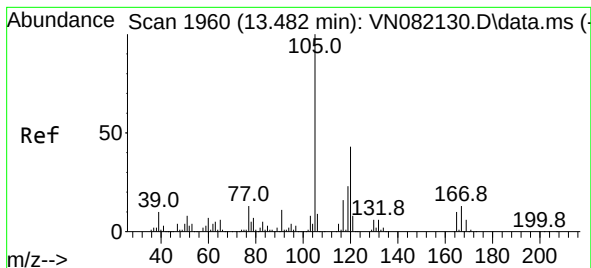
Tgt Ion:105 Resp: 62944

Ion Ratio Lower Upper

105 100

120 47.4 24.8 74.3





#84

1,2,4-Trimethylbenzene

Concen: 13.582 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082262.D

Acq: 22 May 2024 00:44

Instrument :

MSVOA_N

ClientSampleId :

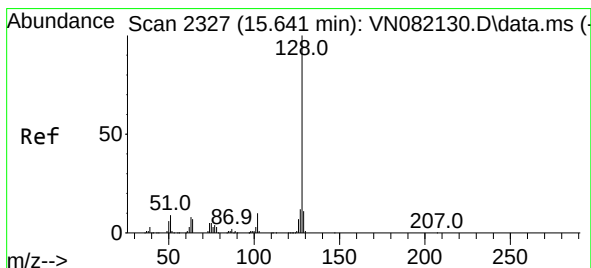
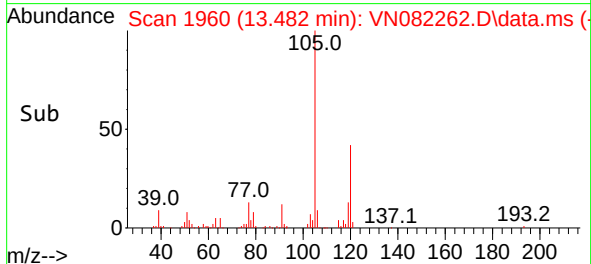
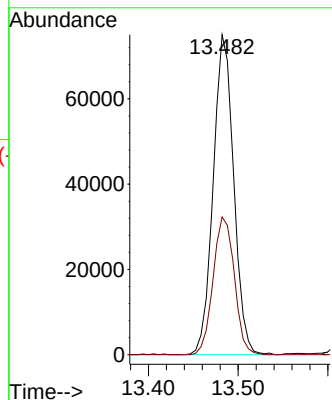
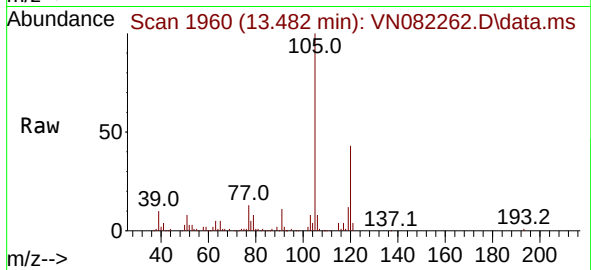
2

Tgt Ion:105 Resp: 118928

Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.7



#95

Naphthalene

Concen: 218.383 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082262.D

Acq: 22 May 2024 00:44

Tgt Ion:128 Resp: 1659456

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.9 8.9 13.3

