

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074267.D
 Acq On : 02 Sep 2022 02:06
 Operator : JC\MD
 Sample : N4376-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18R

Quant Time: Sep 02 05:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	219733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	408594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	382922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	191685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166618	48.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	7.951	113	139221	52.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.380	98	488551	46.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.668	95	185590	58.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.560%

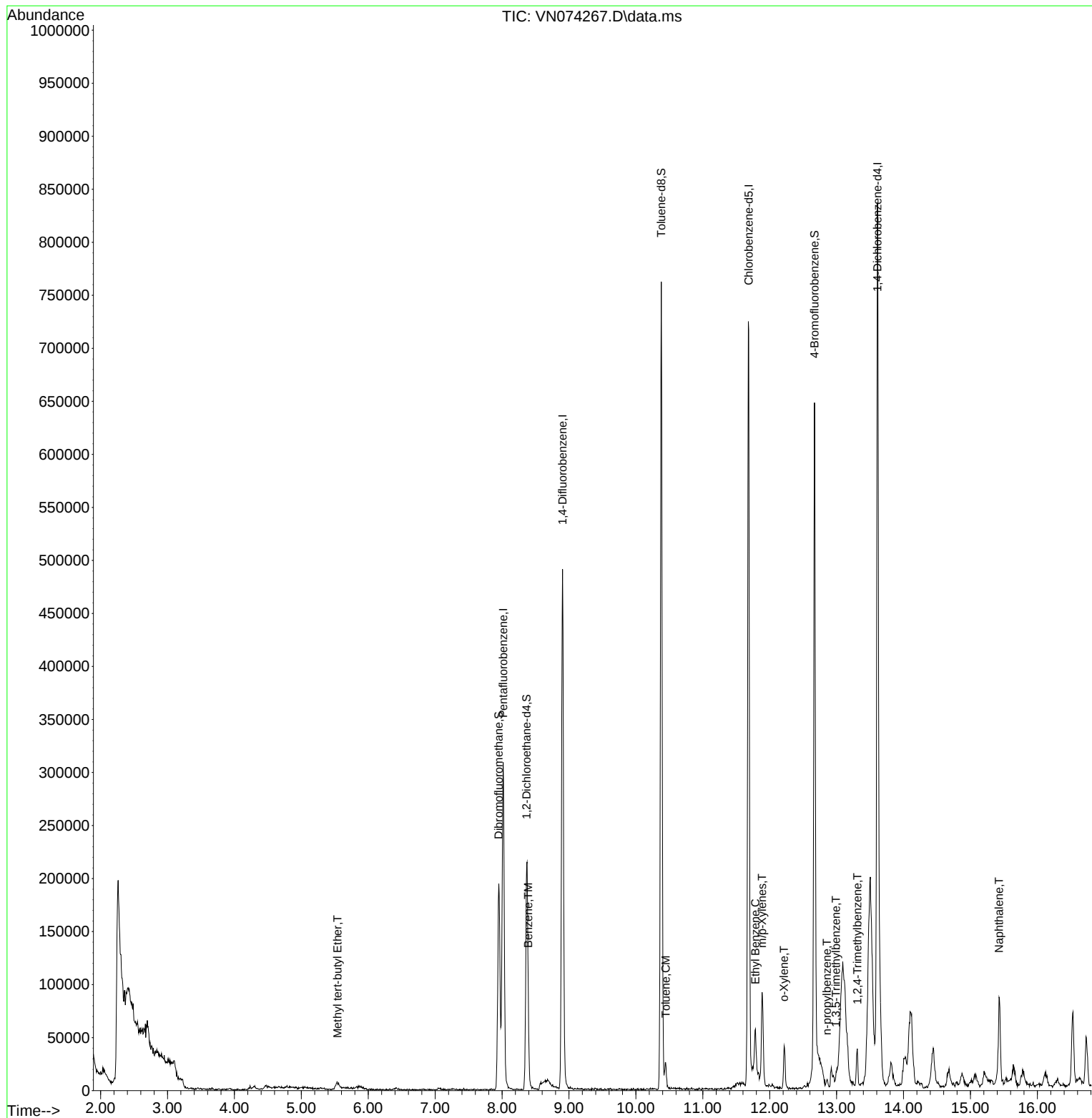
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	5.540	73	9176	0.963	ug/l	# 88
40) Benzene	8.392	78	7682	0.567	ug/l	# 70
52) Toluene	10.445	92	9088	1.138	ug/l	90
67) Ethyl Benzene	11.786	91	24603	1.591	ug/l	89
68) m/p-Xylenes	11.886	106	27976	4.870	ug/l	94
69) o-Xylene	12.216	106	10772	1.882	ug/l	92
78) n-propylbenzene	12.857	91	6390	0.341	ug/l	91
80) 1,3,5-Trimethylbenzene	12.992	105	3621	0.271	ug/l	77
84) 1,2,4-Trimethylbenzene	13.310	105	18485	1.435	ug/l	93
95) Naphthalene	15.427	128	76980	6.322	ug/l	98

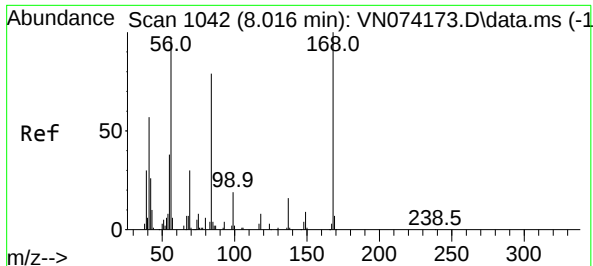
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

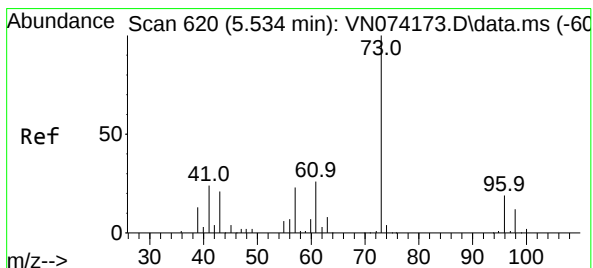
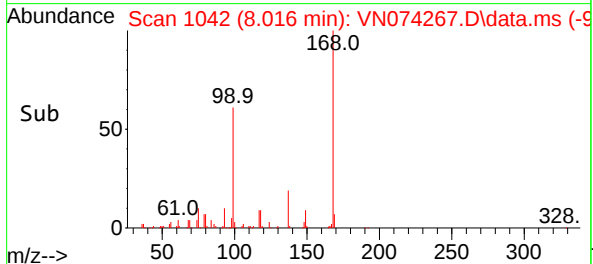
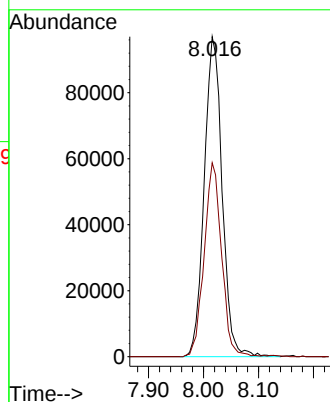
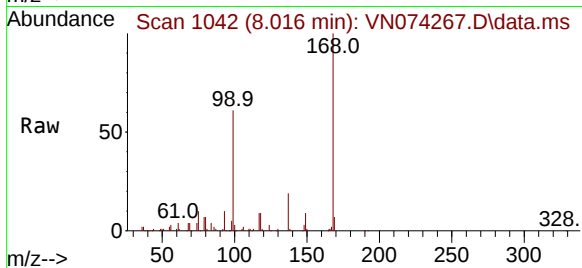




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

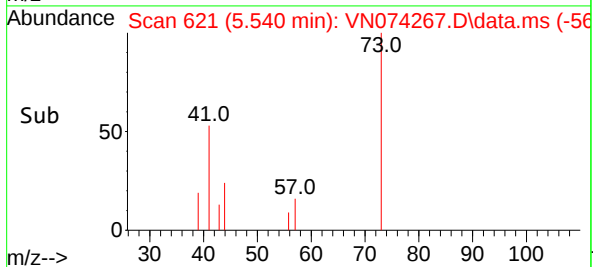
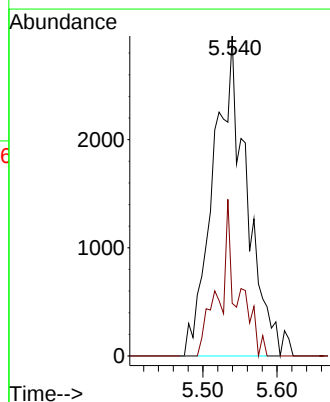
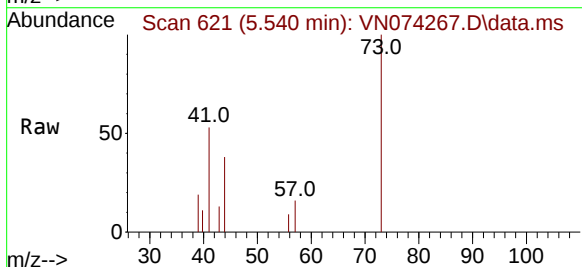
Instrument :
MSVOA_N
ClientSampleId :
MW-18R

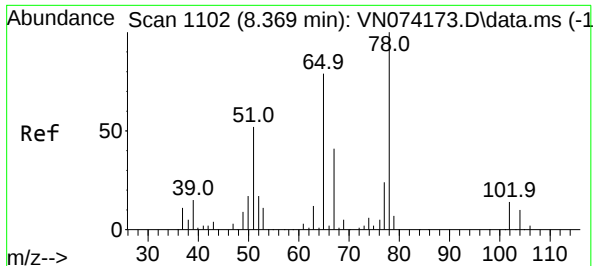
Tgt Ion:168 Resp: 219733
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 0.963 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

Tgt Ion: 73 Resp: 9176
Ion Ratio Lower Upper
73 100
57 16.4 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 48.882 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

Instrument :

MSVOA_N

ClientSampleId :

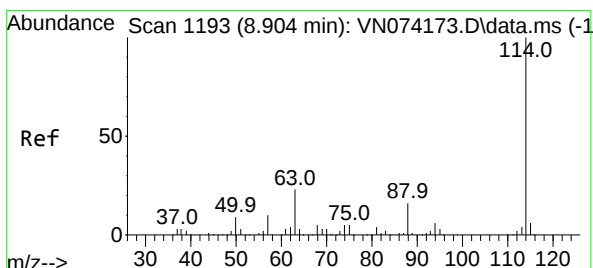
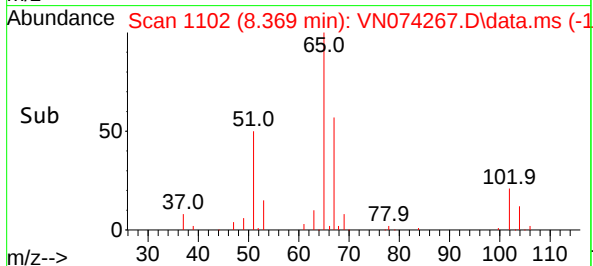
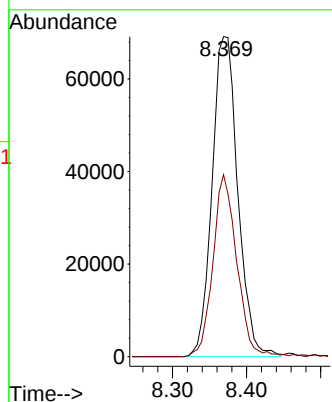
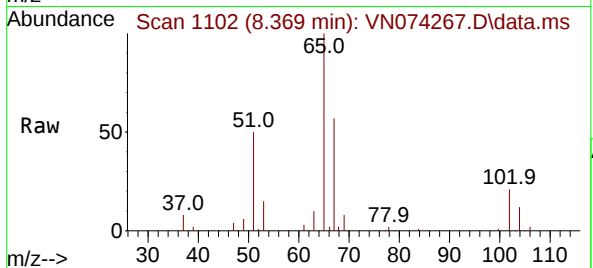
MW-18R

Tgt Ion: 65 Resp: 166618

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

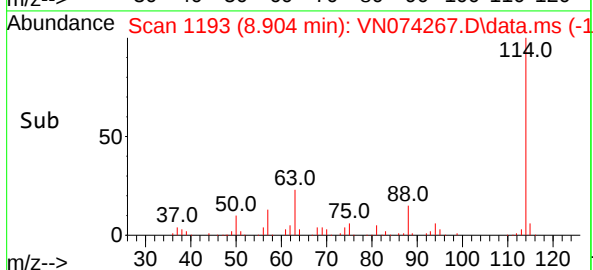
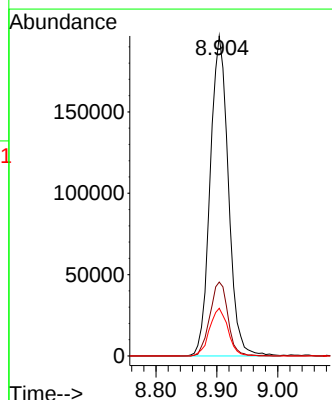
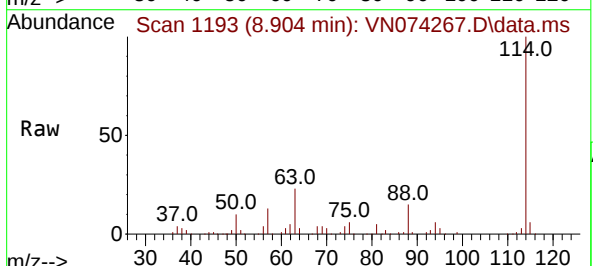
Tgt Ion: 114 Resp: 408594

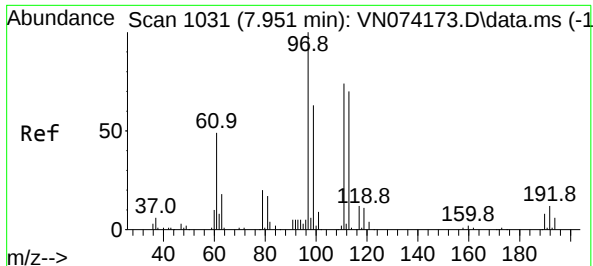
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.362 ug/l

RT: 7.951 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

Instrument :

MSVOA_N

ClientSampleId :

MW-18R

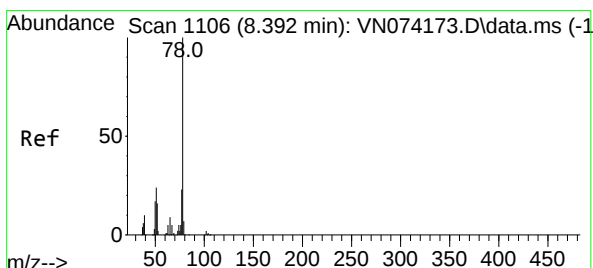
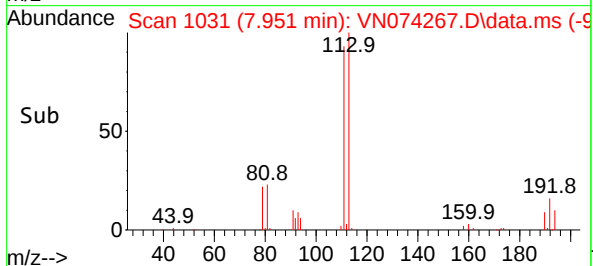
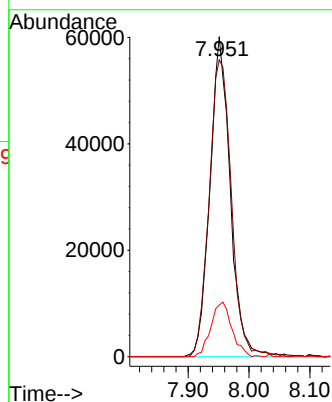
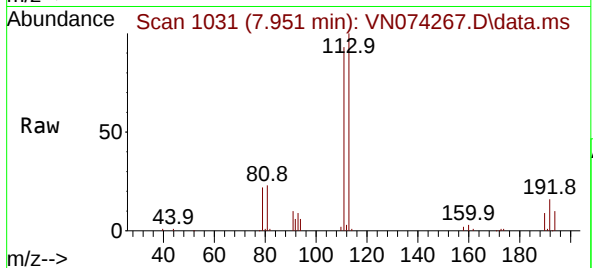
Tgt Ion:113 Resp: 139221

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 17.7 17.0 25.6



#40

Benzene

Concen: 0.567 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074267.D

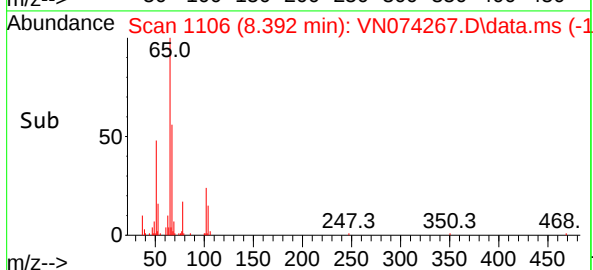
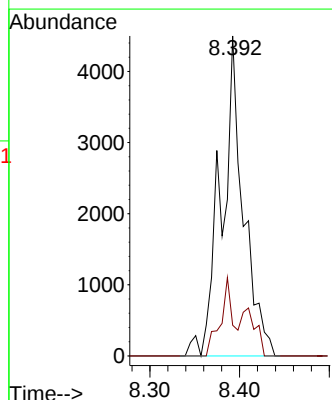
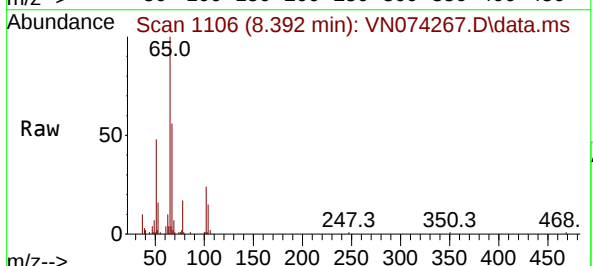
Acq: 02 Sep 2022 02:06

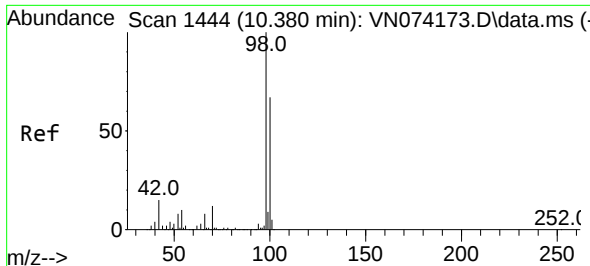
Tgt Ion: 78 Resp: 7682

Ion Ratio Lower Upper

78 100

77 9.6 19.4 29.0#

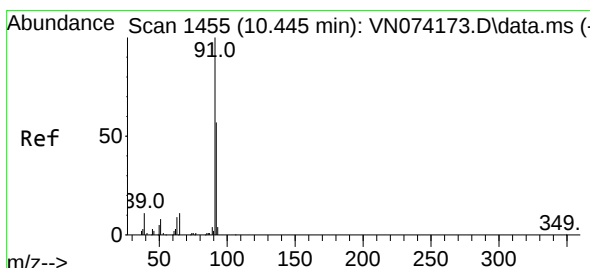
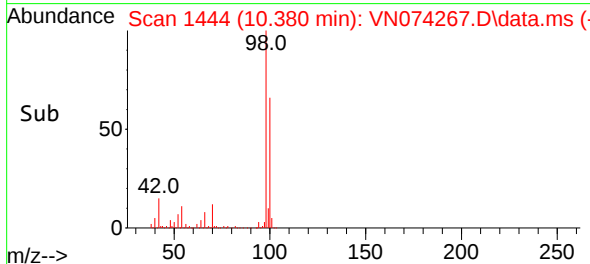
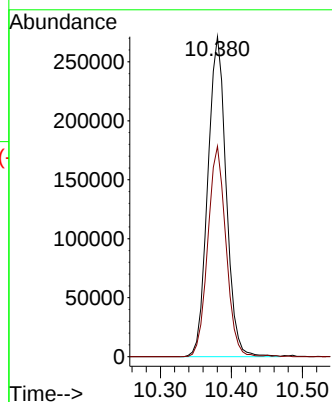
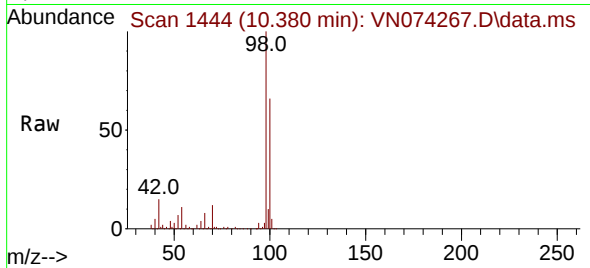




#50
Toluene-d8
Concen: 46.659 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

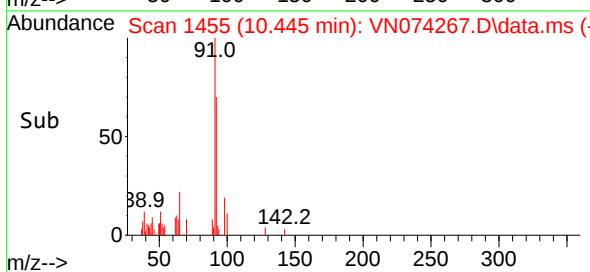
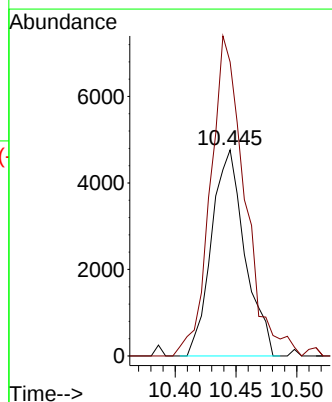
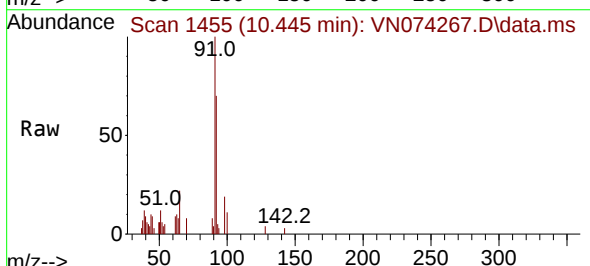
Instrument :
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ClientSampleId :
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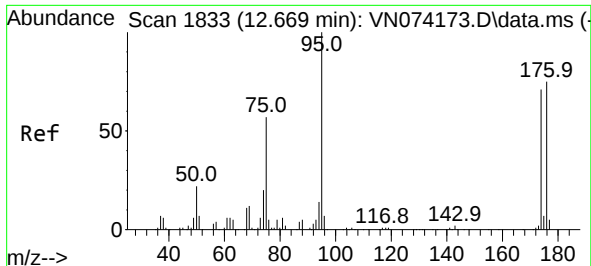
Tgt Ion: 98 Resp: 488551
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 1.138 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

Tgt Ion: 92 Resp: 9088
Ion Ratio Lower Upper
92 100
91 159.6 138.6 207.8

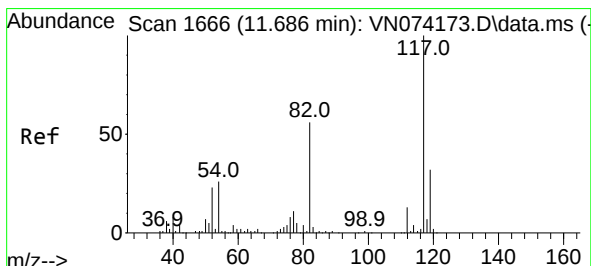
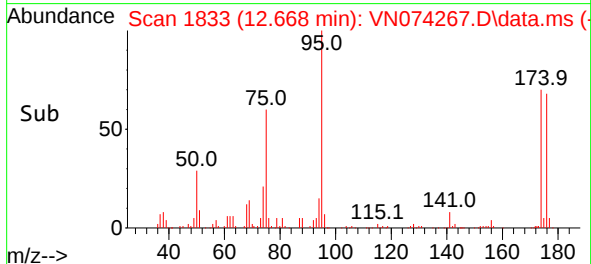
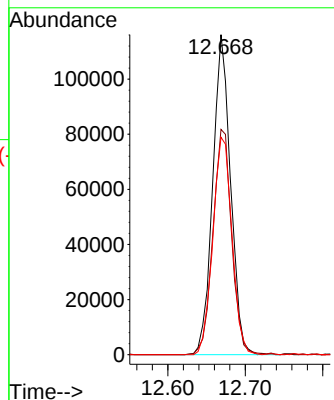
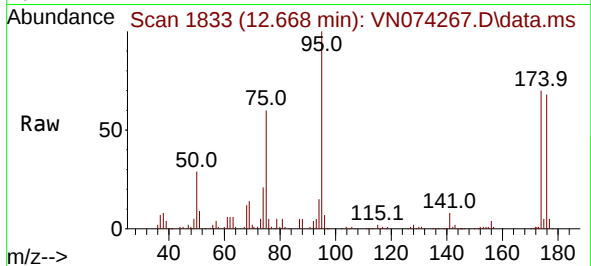




#62
4-Bromofluorobenzene
Concen: 58.285 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

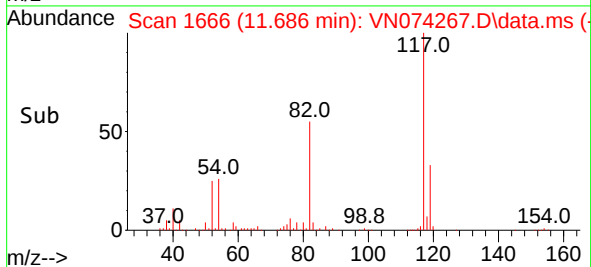
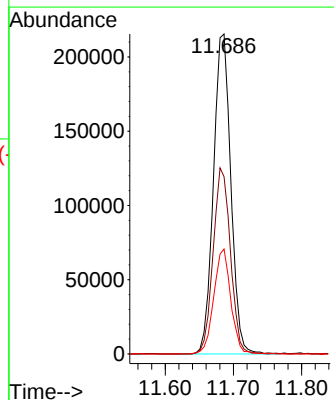
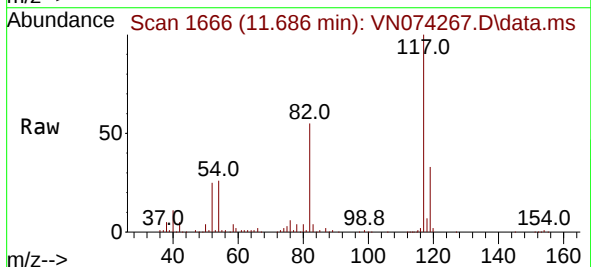
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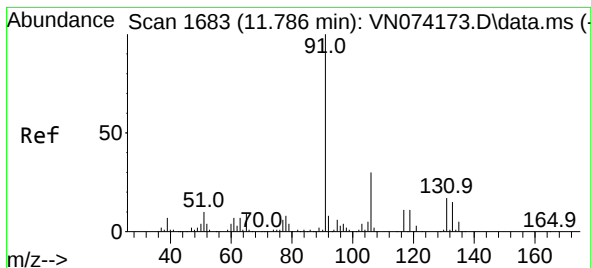
Tgt Ion: 95 Resp: 185590
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 72.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

Tgt Ion: 117 Resp: 382922
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.8 25.4 38.0





#67

Ethyl Benzene

Concen: 1.591 ug/l

RT: 11.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

Instrument :

MSVOA_N

ClientSampleId :

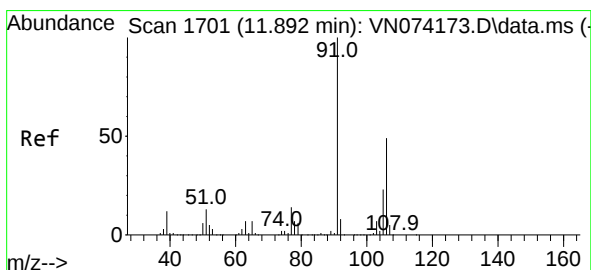
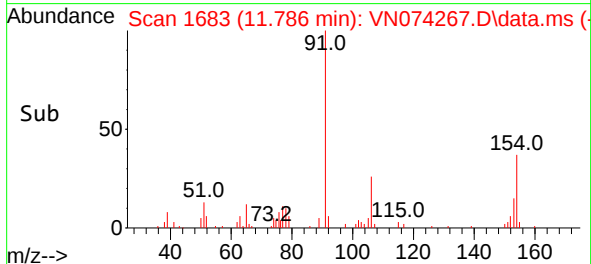
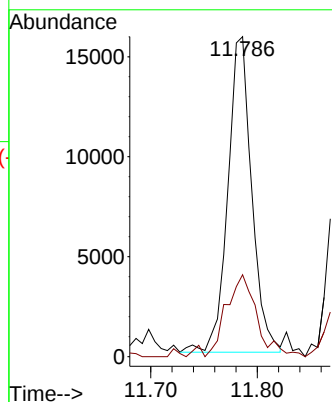
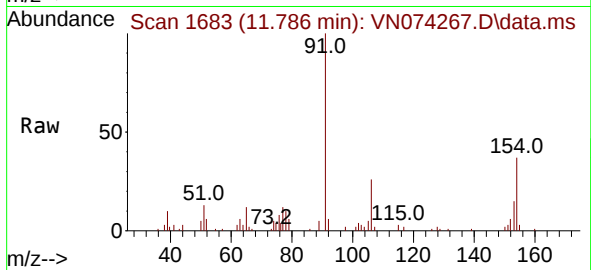
MW-18R

Tgt Ion: 91 Resp: 24603

Ion Ratio Lower Upper

91 100

106 25.0 24.9 37.3



#68

m/p-Xylenes

Concen: 4.870 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN074267.D

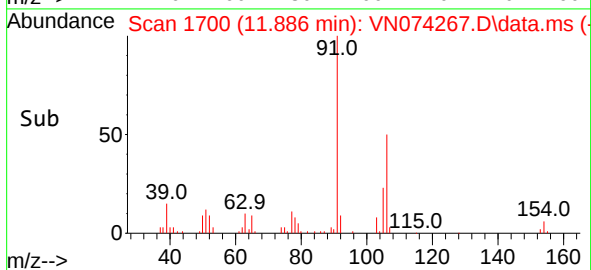
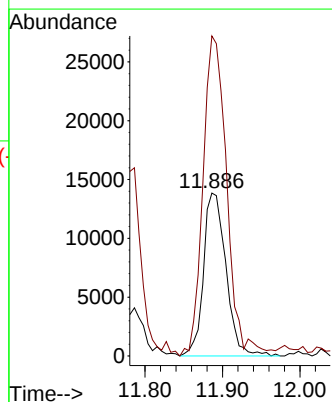
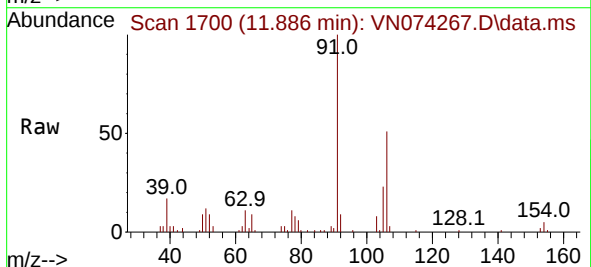
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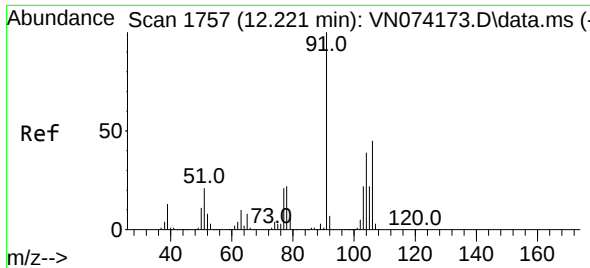
Tgt Ion: 106 Resp: 27976

Ion Ratio Lower Upper

106 100

91 207.0 158.9 238.3

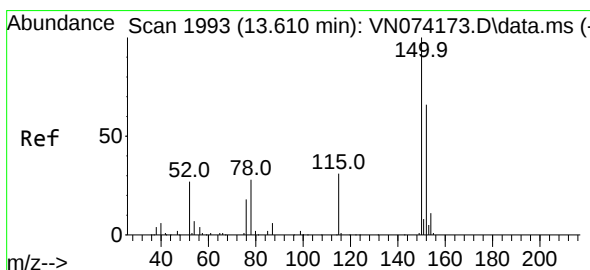
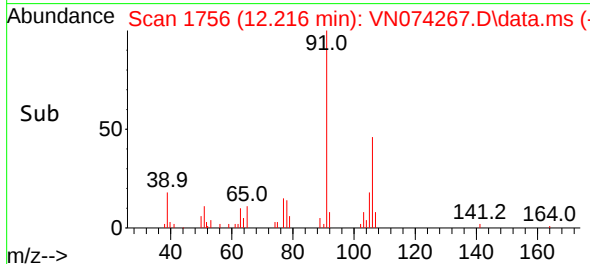
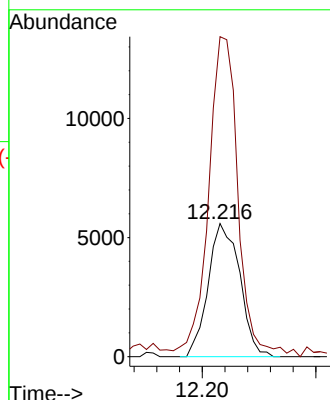
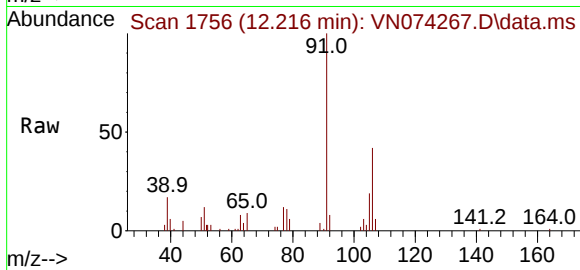




#69
o-Xylene
Concen: 1.882 ug/l
RT: 12.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

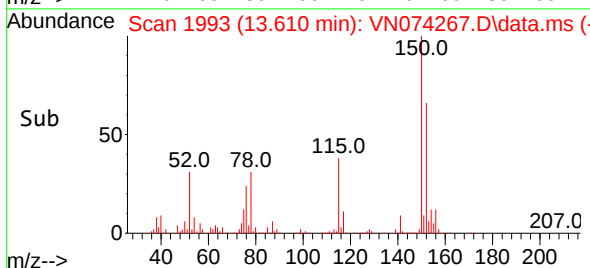
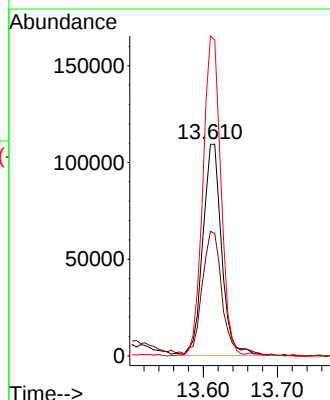
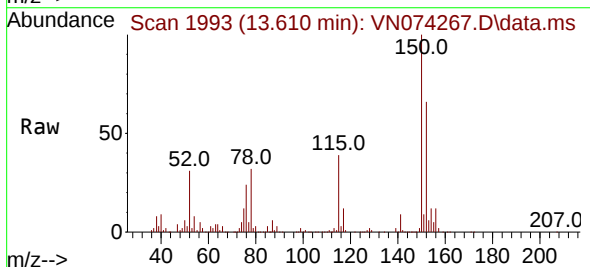
Instrument :
MSVOA_N
ClientSampleId :
MW-18R

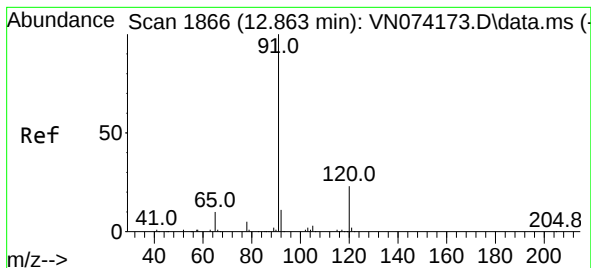
Tgt Ion:106 Resp: 10772
Ion Ratio Lower Upper
106 100
91 225.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074267.D
Acq: 02 Sep 2022 02:06

Tgt Ion:152 Resp: 191685
Ion Ratio Lower Upper
152 100
115 63.5 28.9 86.7
150 145.7 0.0 356.2





#78

n-propylbenzene

Concen: 0.341 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

Instrument :

MSVOA_N

ClientSampleId :

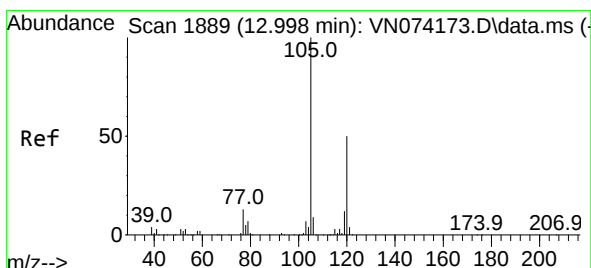
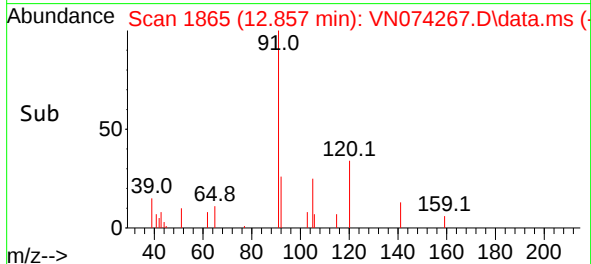
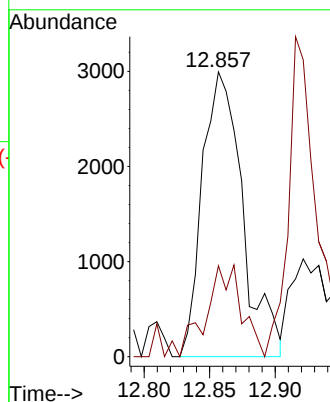
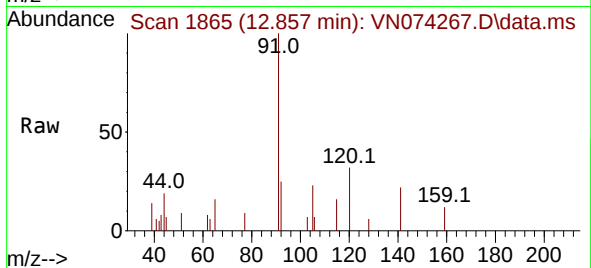
MW-18R

Tgt Ion: 91 Resp: 6390

Ion Ratio Lower Upper

91 100

120 28.1 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 0.271 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN074267.D

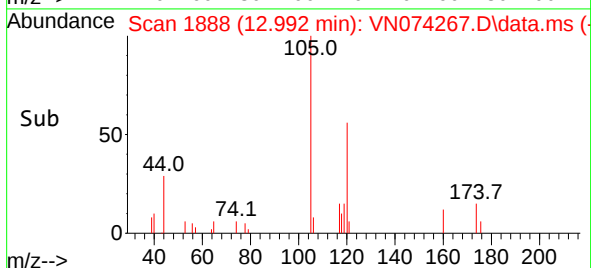
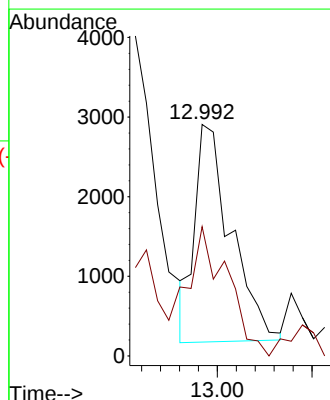
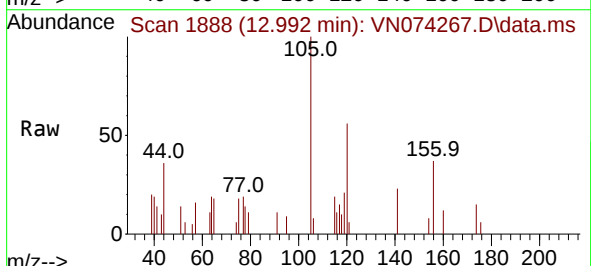
Acq: 02 Sep 2022 02:06

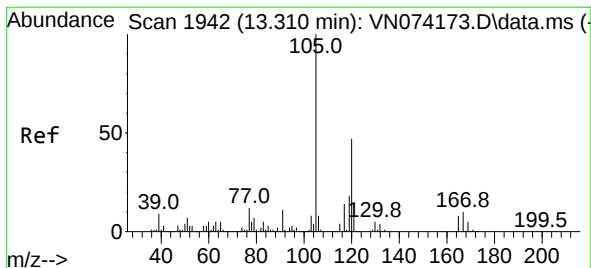
Tgt Ion: 105 Resp: 3621

Ion Ratio Lower Upper

105 100

120 65.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 1.435 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

Instrument :

MSVOA_N

ClientSampleId :

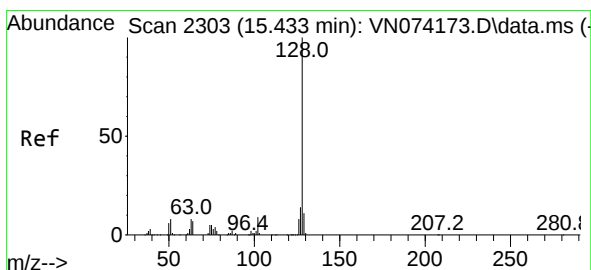
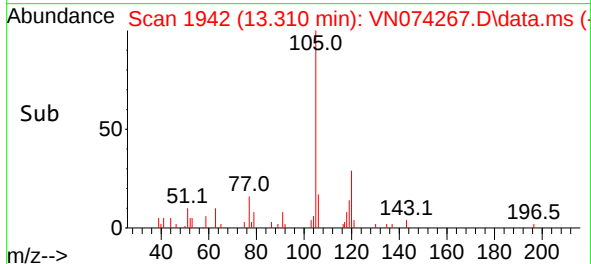
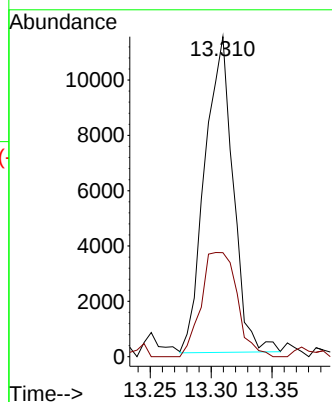
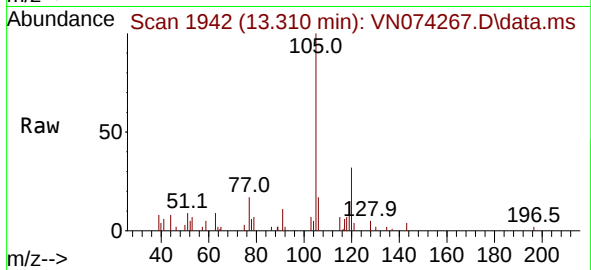
MW-18R

Tgt Ion:105 Resp: 18485

Ion Ratio Lower Upper

105 100

120 41.7 23.3 69.8



#95

Naphthalene

Concen: 6.322 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN074267.D

Acq: 02 Sep 2022 02:06

Tgt Ion:128 Resp: 76980

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 12.0 8.6 13.0

