

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073141.D
 Acq On : 26 Jun 2022 05:45
 Operator : JC\MD
 Sample : N3426-01ME 40X
 Misc : 6.26g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2201-27.5ME

Quant Time: Jun 27 03:57:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

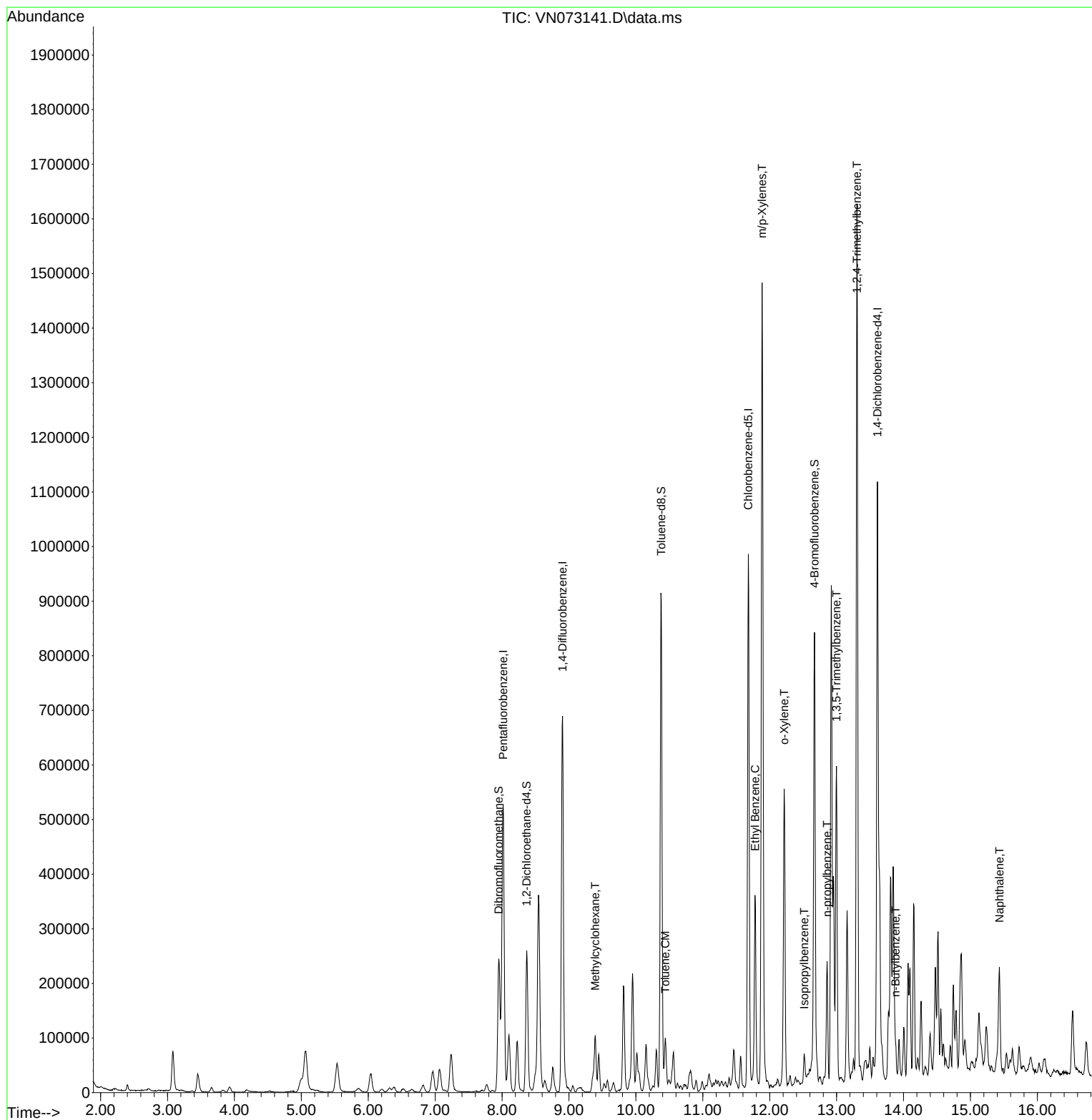
Internal Standards						
1) Pentafluorobenzene	8.016	168	377452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	599055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	557121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	285522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216042	42.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.680%
35) Dibromofluoromethane	7.951	113	182823	49.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	10.380	98	628953	45.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.300%
62) 4-Bromofluorobenzene	12.668	95	282568	57.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.060%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.392	83	26552	4.397	ug/l	91
52) Toluene	10.439	92	38619	3.995	ug/l	98
67) Ethyl Benzene	11.780	91	246545	12.872	ug/l	99
68) m/p-Xylenes	11.886	106	460894	61.353	ug/l	98
69) o-Xylene	12.215	106	151463	20.178	ug/l	97
73) Isopropylbenzene	12.515	105	38444	1.740	ug/l	99
78) n-propylbenzene	12.857	91	176168	7.251	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	292858	16.141	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	907411	50.212	ug/l	98
89) n-Butylbenzene	13.880	91	31427	2.145	ug/l #	65
95) Naphthalene	15.433	128	170507	7.730	ug/l	98

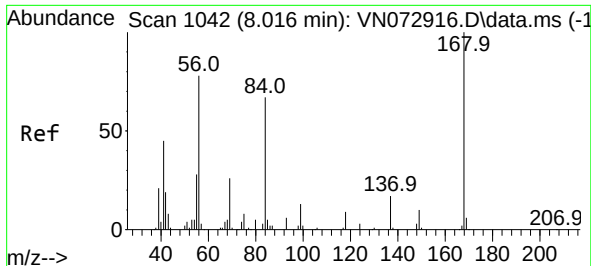
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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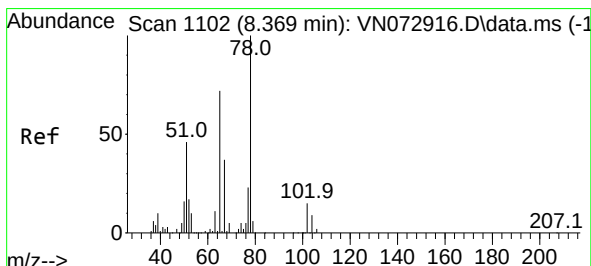
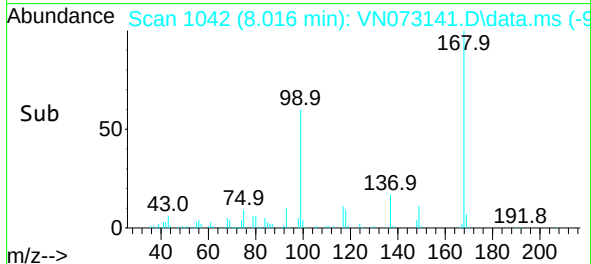
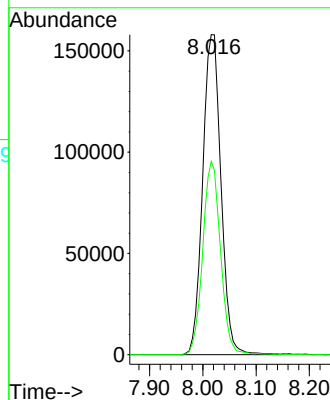
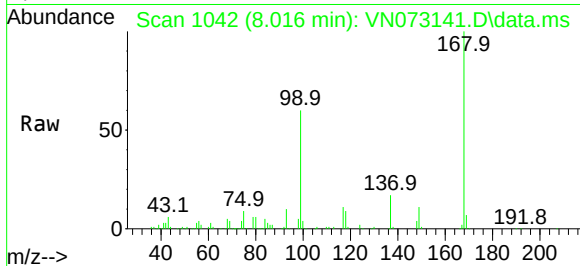




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

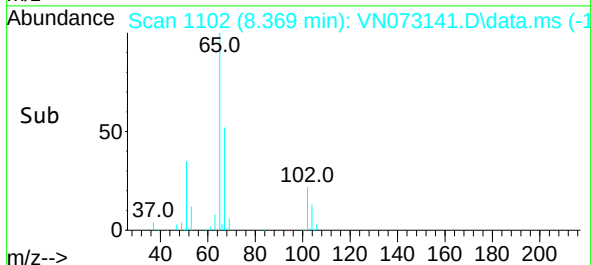
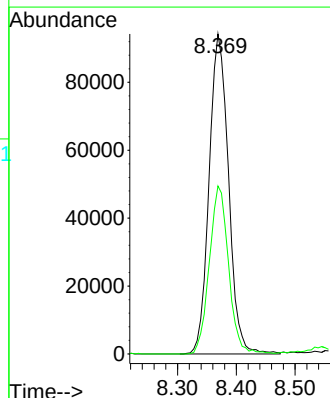
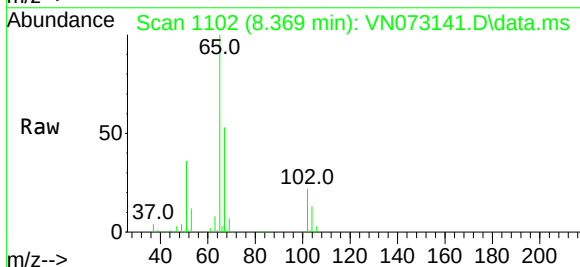
Instrument :
MSVOA_N
ClientSampleId :
B2201-27.5ME

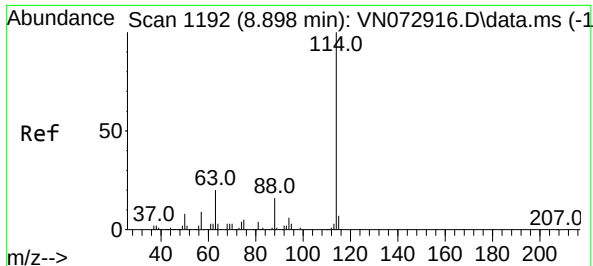
Tgt Ion:168 Resp: 377452
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.336 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

Tgt Ion: 65 Resp: 216042
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

B2201-27.5ME

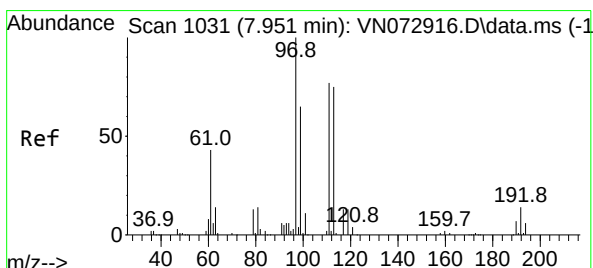
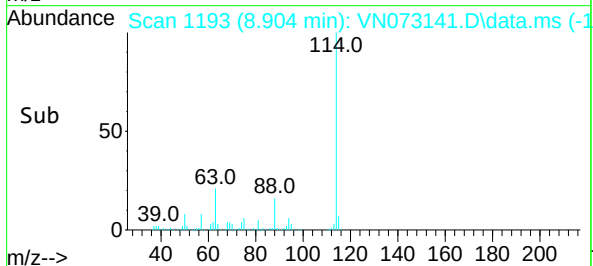
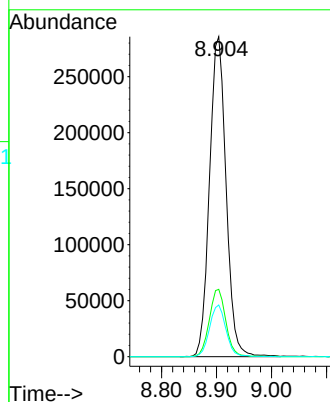
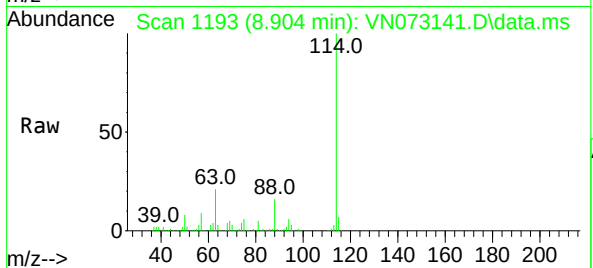
Tgt Ion:114 Resp: 599055

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.376 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

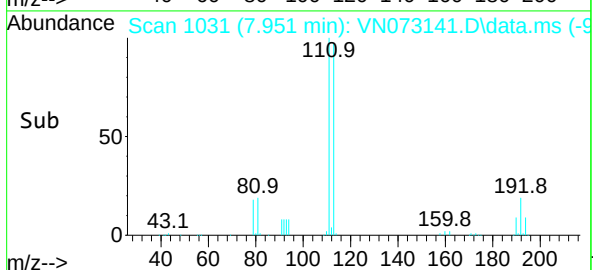
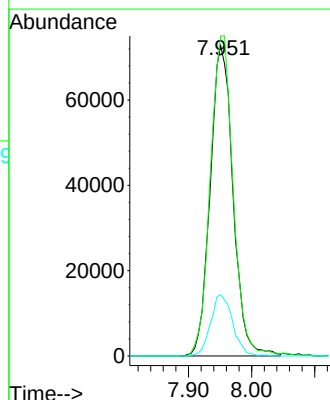
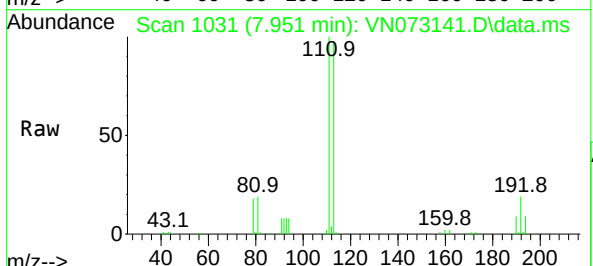
Tgt Ion:113 Resp: 182823

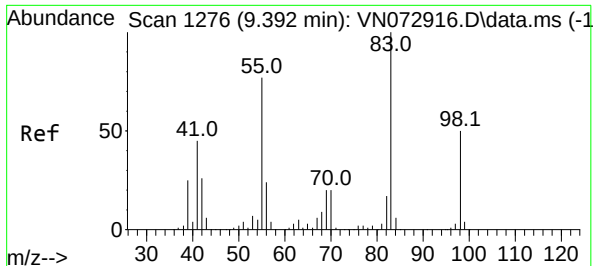
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 19.1 17.0 25.6





#39

Methylcyclohexane

Concen: 4.397 ug/l

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

B2201-27.5ME

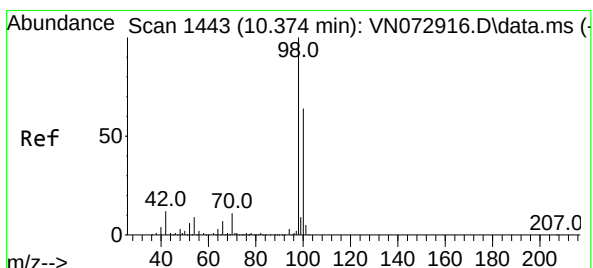
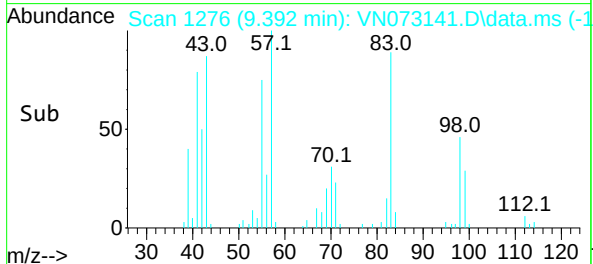
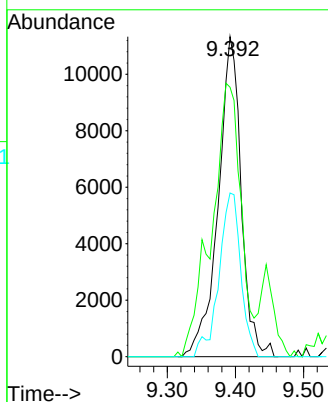
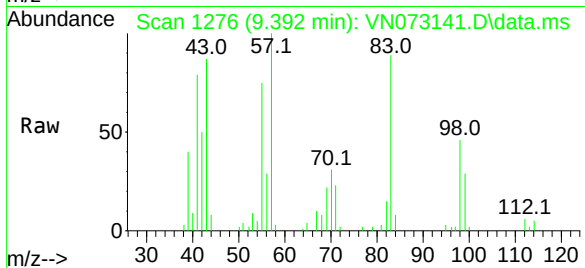
Tgt Ion: 83 Resp: 26552

Ion Ratio Lower Upper

83 100

55 82.7 57.8 86.8

98 51.2 39.4 59.2



#50

Toluene-d8

Concen: 45.650 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073141.D

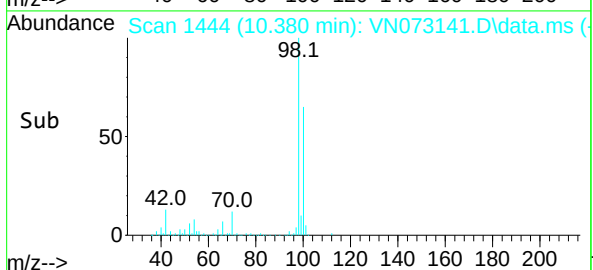
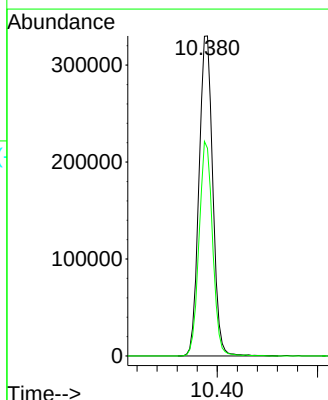
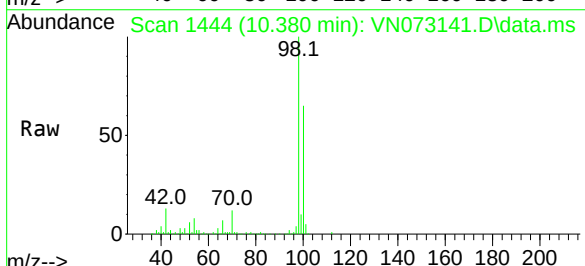
Acq: 26 Jun 2022 05:45

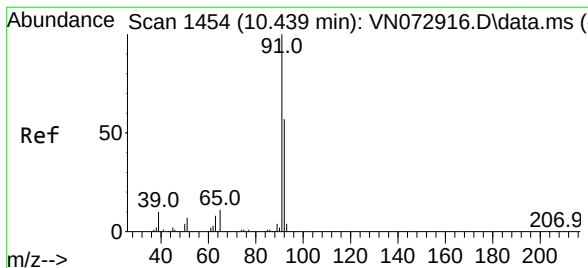
Tgt Ion: 98 Resp: 628953

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8





#52

Toluene

Concen: 3.995 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

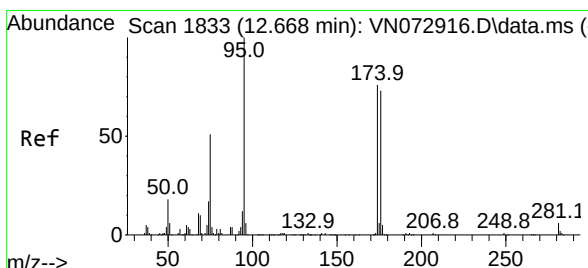
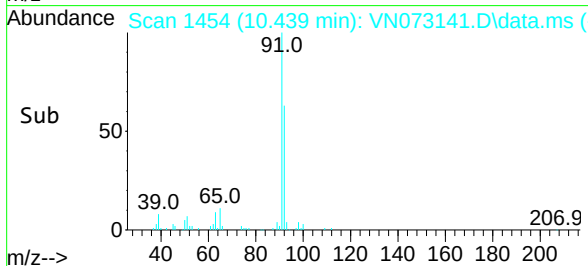
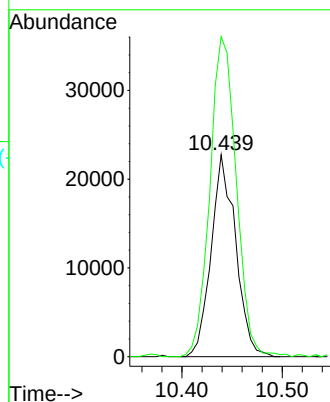
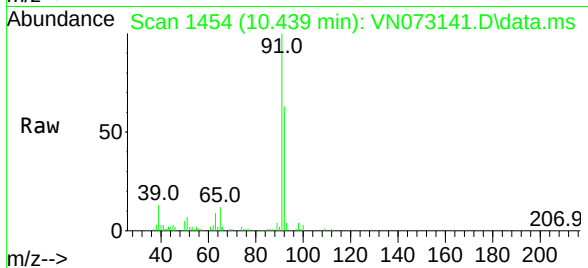
B2201-27.5ME

Tgt Ion: 92 Resp: 38619

Ion Ratio Lower Upper

92 100

91 170.9 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 57.035 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

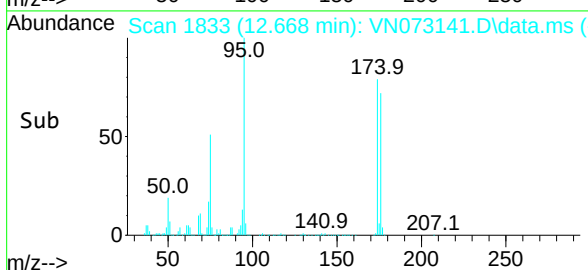
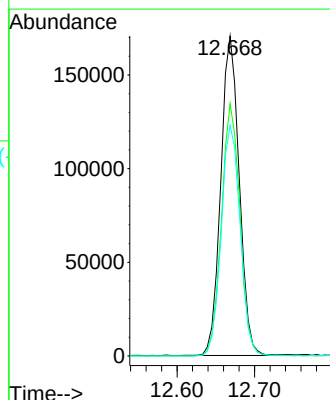
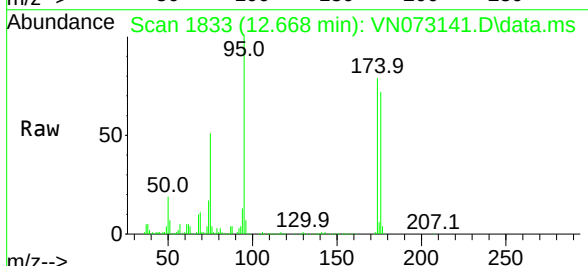
Tgt Ion: 95 Resp: 282568

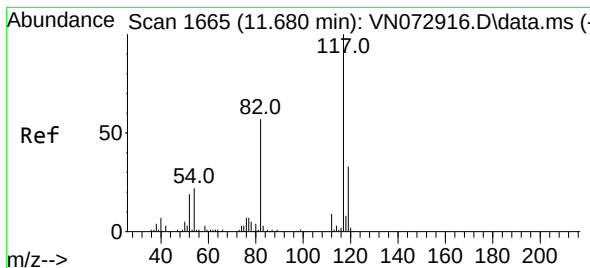
Ion Ratio Lower Upper

95 100

174 79.1 0.0 167.6

176 74.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

B2201-27.5ME

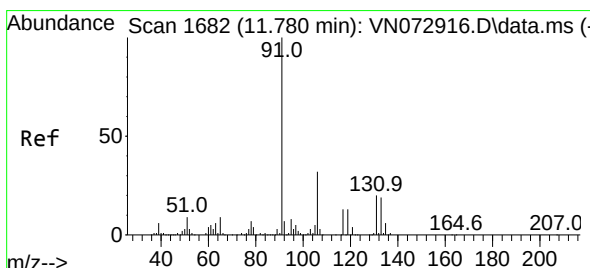
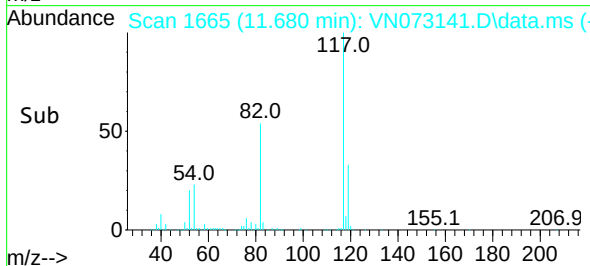
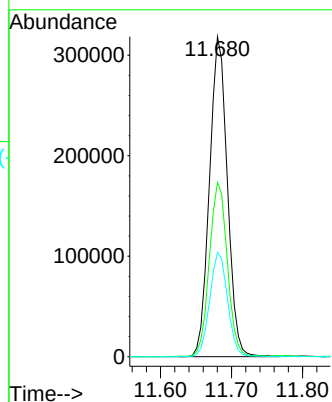
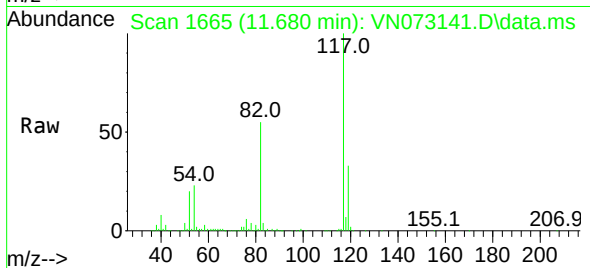
Tgt Ion:117 Resp: 557121

Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.2

119 32.6 25.4 38.0



#67

Ethyl Benzene

Concen: 12.872 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN073141.D

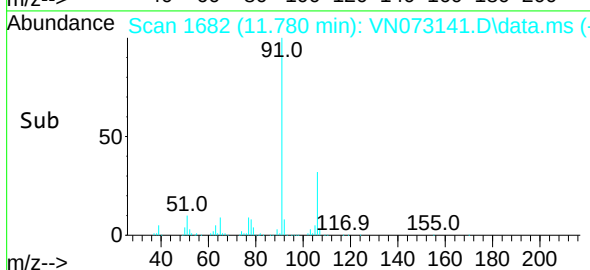
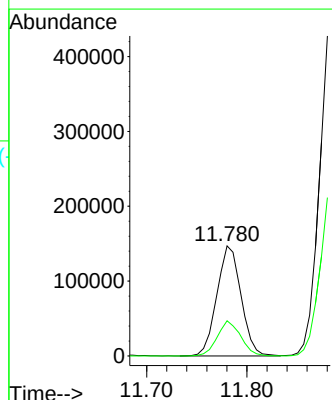
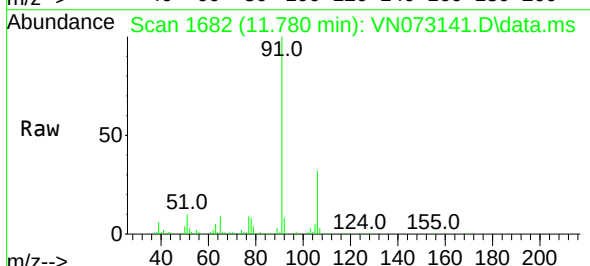
Acq: 26 Jun 2022 05:45

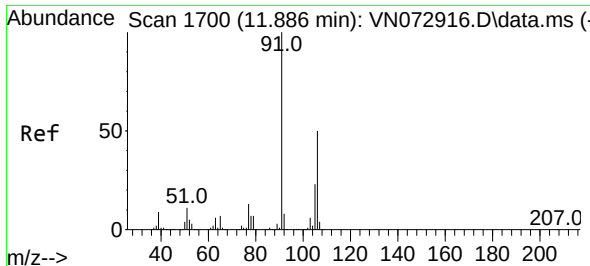
Tgt Ion: 91 Resp: 246545

Ion Ratio Lower Upper

91 100

106 31.9 24.9 37.3

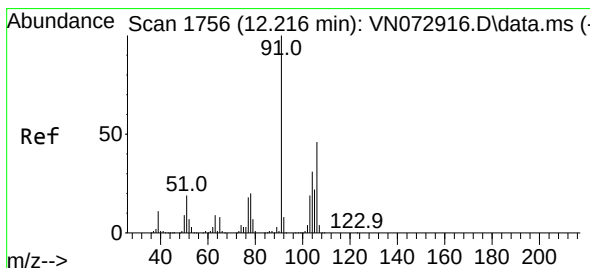
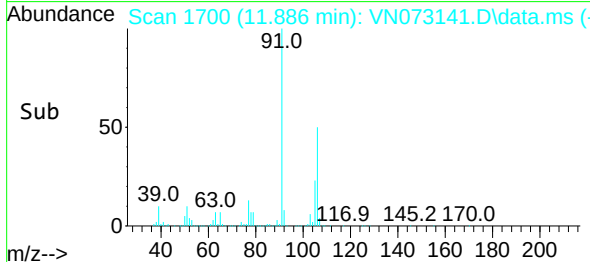
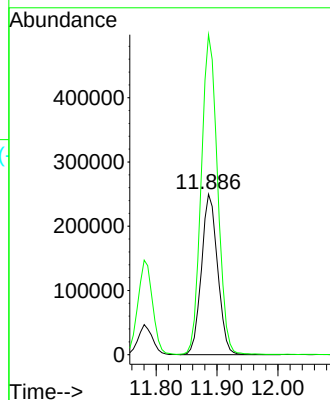
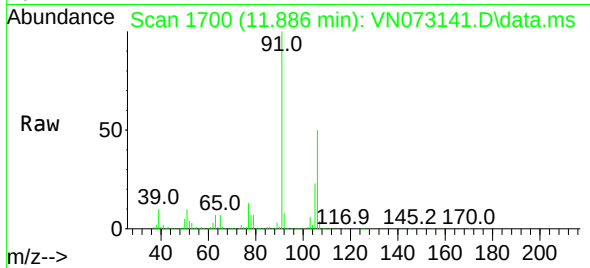




#68
m/p-Xylenes
Concen: 61.353 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

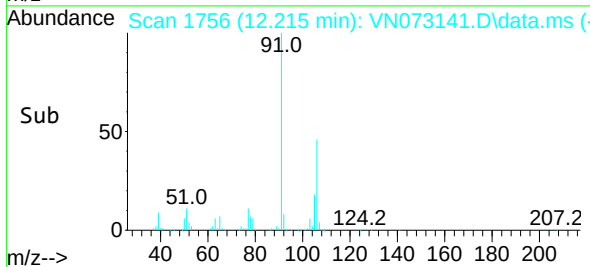
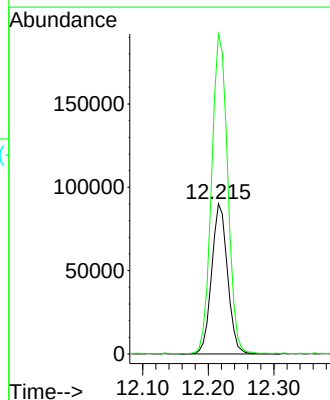
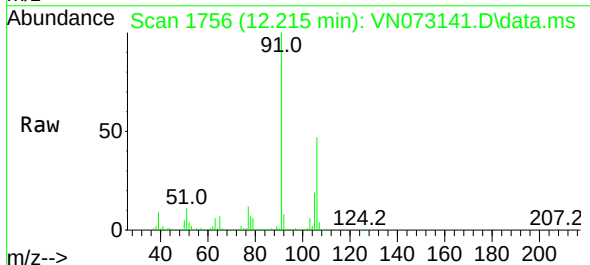
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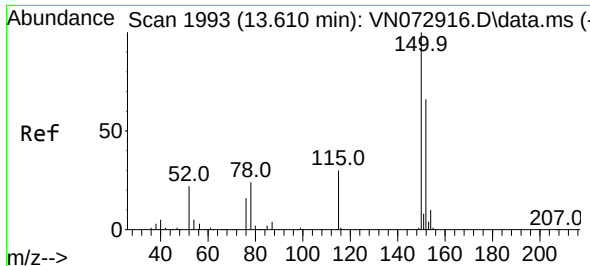
Tgt Ion:106 Resp: 460894
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3



#69
o-Xylene
Concen: 20.178 ug/l
RT: 12.215 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

Tgt Ion:106 Resp: 151463
Ion Ratio Lower Upper
106 100
91 217.1 106.0 318.0

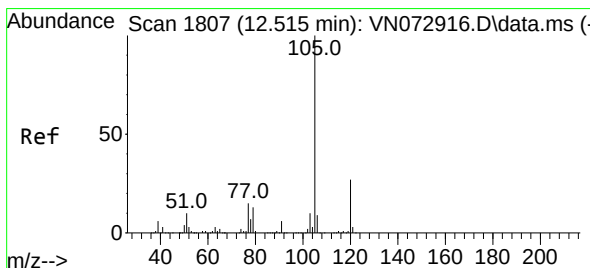
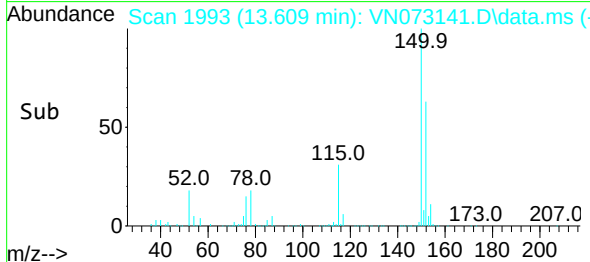
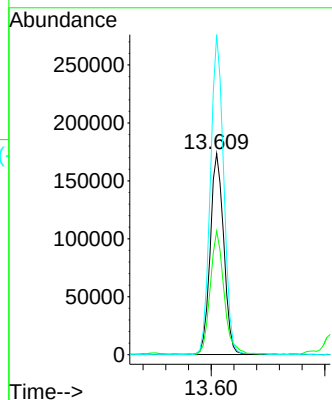
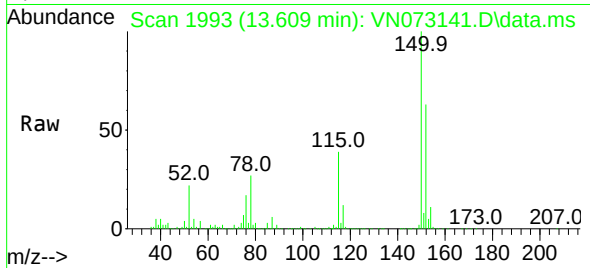




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

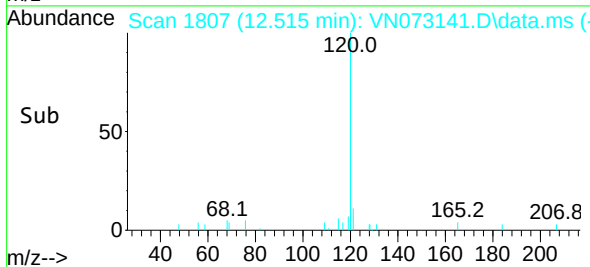
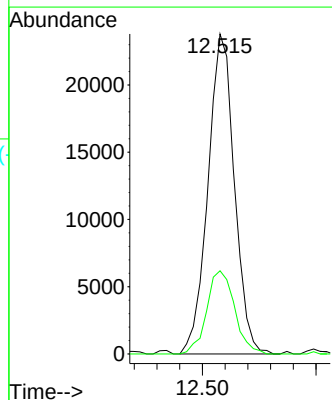
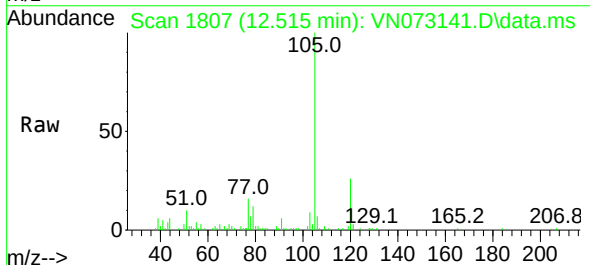
Instrument :
MSVOA_N
ClientSampleId :
B2201-27.5ME

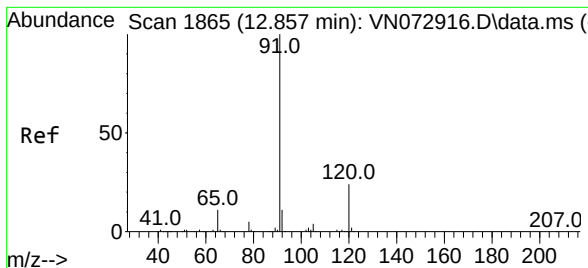
Tgt Ion:152 Resp: 285522
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 157.1 0.0 356.2



#73
Isopropylbenzene
Concen: 1.740 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

Tgt Ion:105 Resp: 38444
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4





#78

n-propylbenzene

Concen: 7.251 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

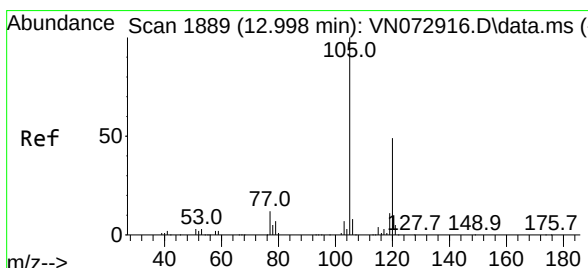
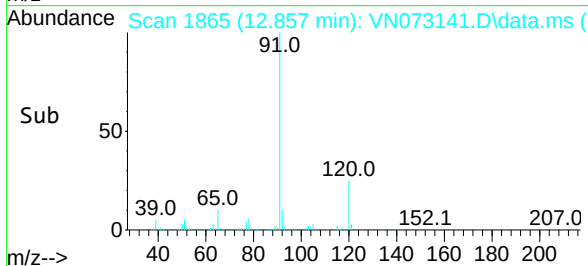
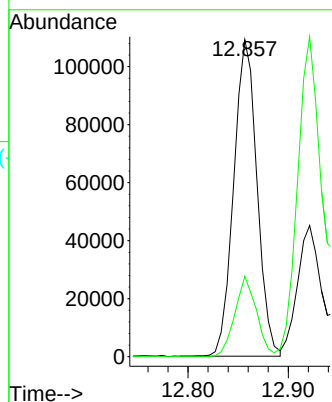
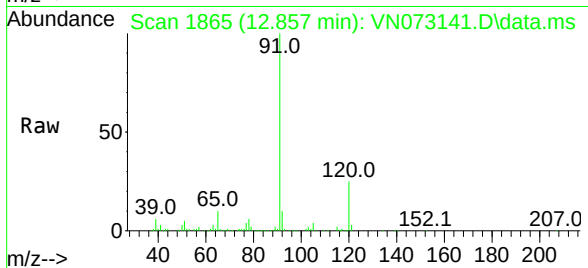
B2201-27.5ME

Tgt Ion: 91 Resp: 176168

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 16.141 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073141.D

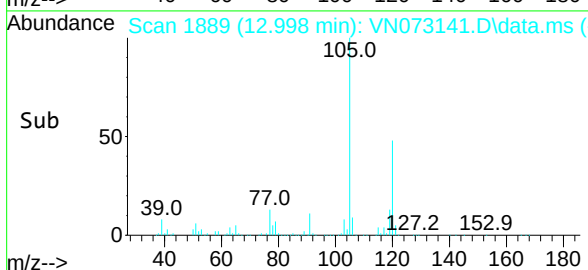
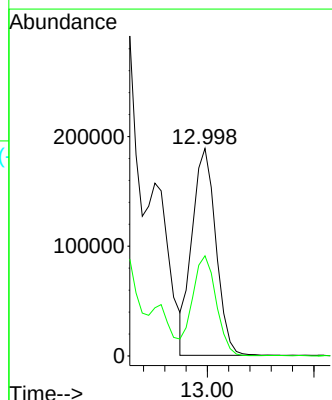
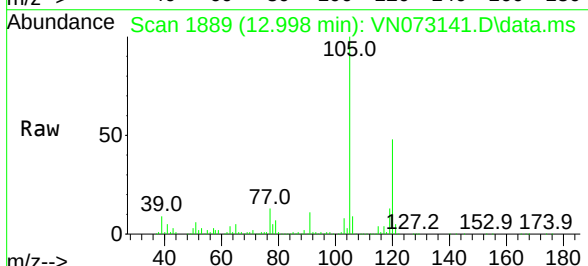
Acq: 26 Jun 2022 05:45

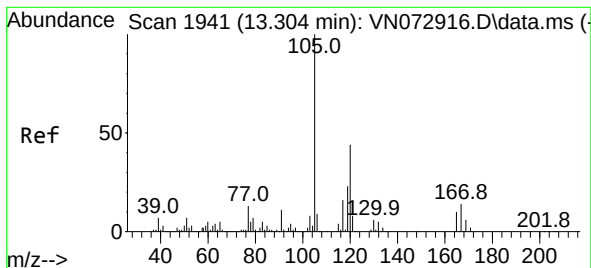
Tgt Ion: 105 Resp: 292858

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 50.212 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

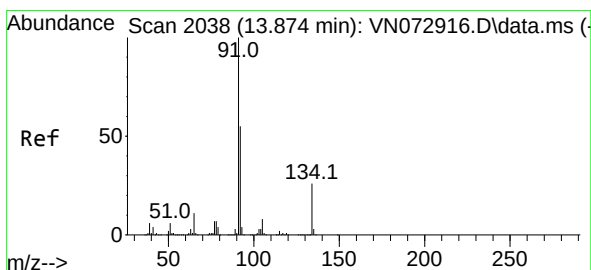
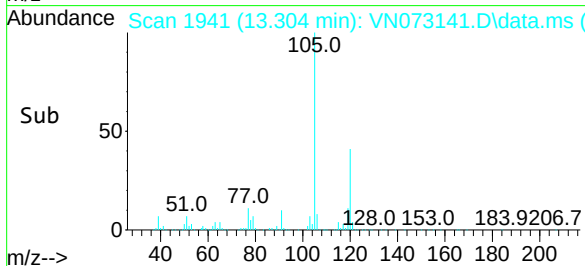
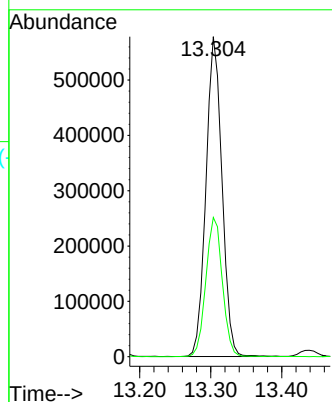
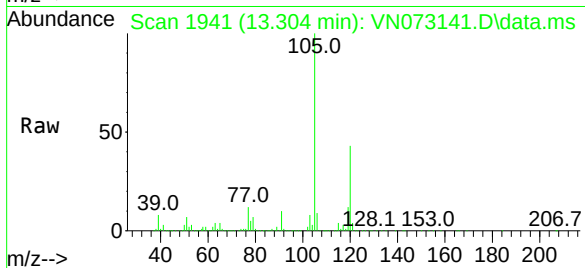
B2201-27.5ME

Tgt Ion:105 Resp: 907411

Ion Ratio Lower Upper

105 100

120 44.9 23.3 69.8



#89

n-Butylbenzene

Concen: 2.145 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073141.D

Acq: 26 Jun 2022 05:45

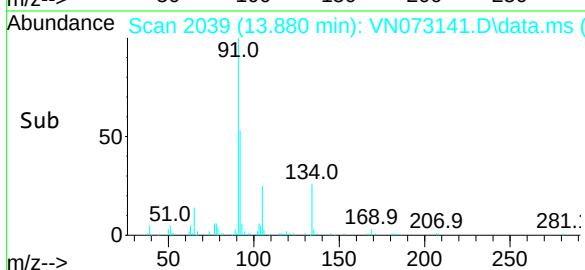
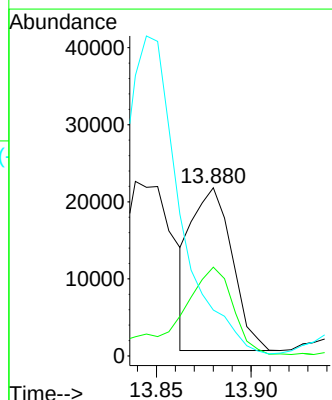
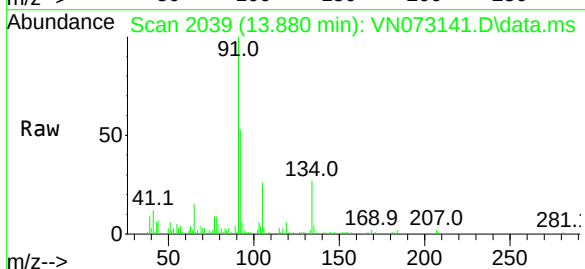
Tgt Ion: 91 Resp: 31427

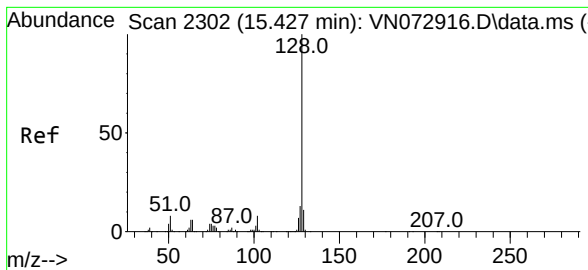
Ion Ratio Lower Upper

91 100

92 72.9 26.9 80.7

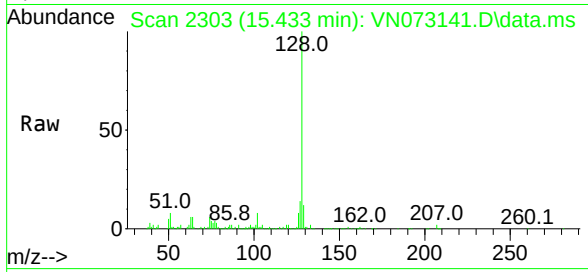
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 7.730 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073141.D
Acq: 26 Jun 2022 05:45

Instrument :
MSVOA_N
ClientSampleId :
B2201-27.5ME



Tgt Ion:	128	Resp:	170507
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.7	8.6	13.0

