

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073122.D
 Acq On : 25 Jun 2022 19:59
 Operator : JC\MD
 Sample : N3434-05 40X
 Misc : 5.55g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2205-30

Quant Time: Jun 27 03:46:56 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	363439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	568744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	526534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	269805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211982	43.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.280%
35) Dibromofluoromethane	7.951	113	178946	50.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	10.375	98	598890	45.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.669	95	271269	57.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.340%

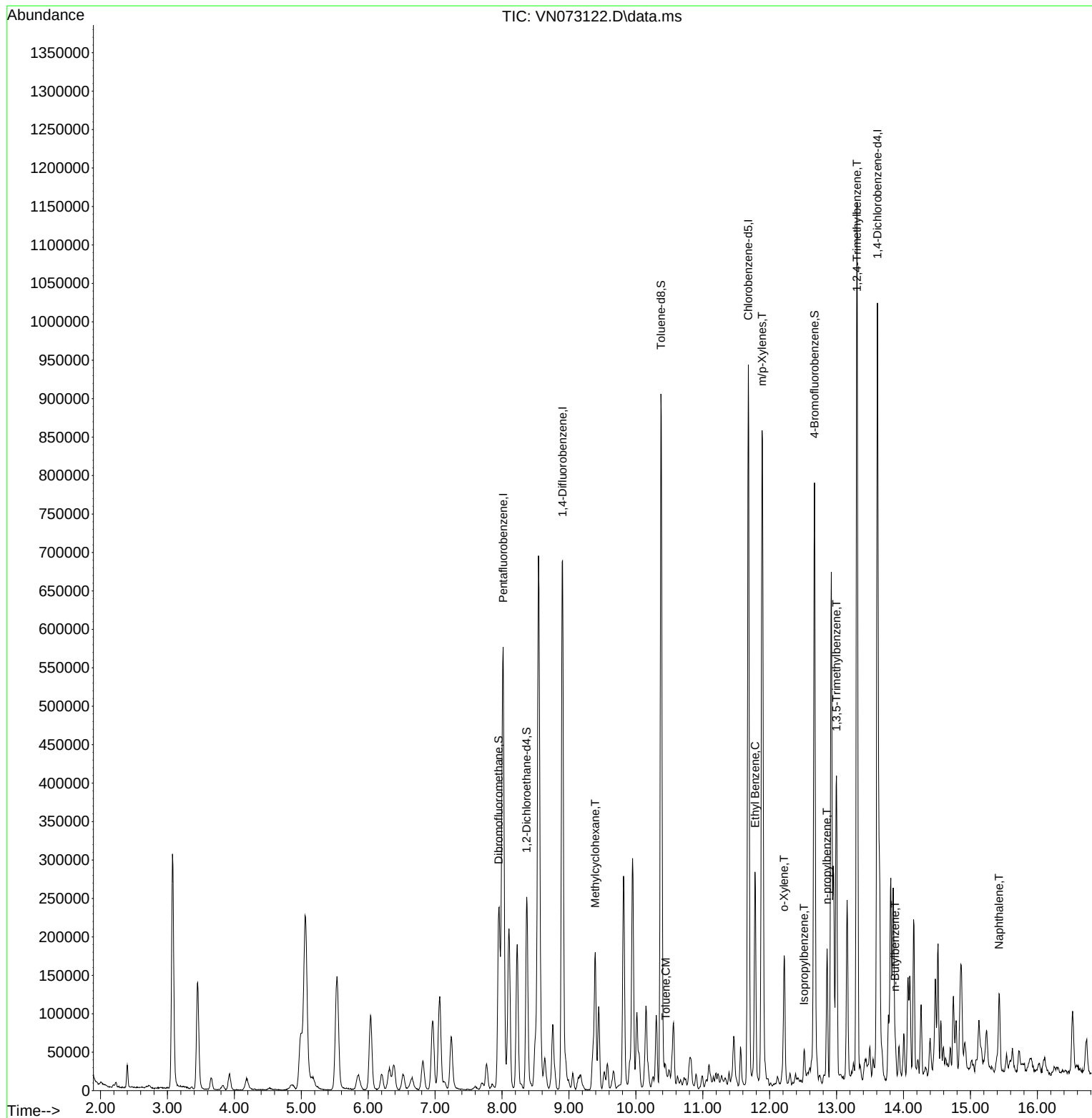
Target Compounds					Qvalue	
39) Methylcyclohexane	9.392	83	44785	7.811	ug/l	# 78
52) Toluene	10.445	92	10404	1.134	ug/l	97
67) Ethyl Benzene	11.780	91	193151	10.670	ug/l	99
68) m/p-Xylenes	11.886	106	275974	38.871	ug/l	97
69) o-Xylene	12.216	106	46406	6.541	ug/l	97
73) Isopropylbenzene	12.516	105	28573	1.369	ug/l	96
78) n-propylbenzene	12.857	91	131178	5.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	210067	12.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	645689	37.810	ug/l	98
89) n-Butylbenzene	13.874	91	20053	1.448	ug/l	# 67
95) Naphthalene	15.427	128	87111	4.179	ug/l	98

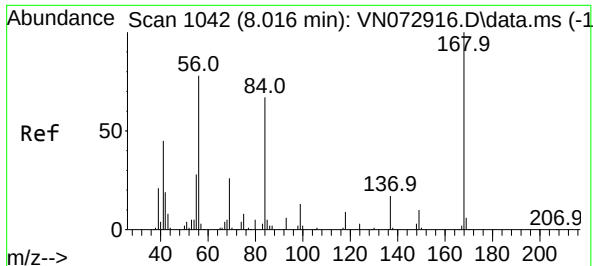
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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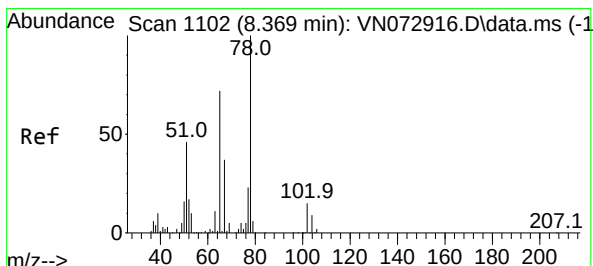
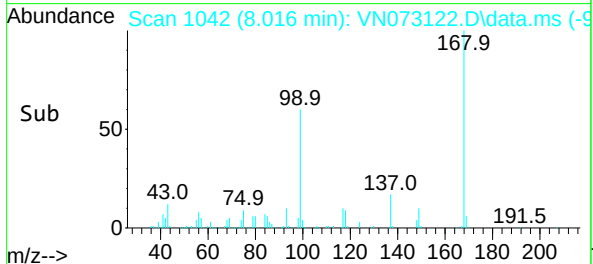
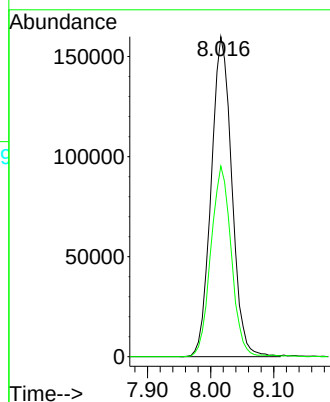
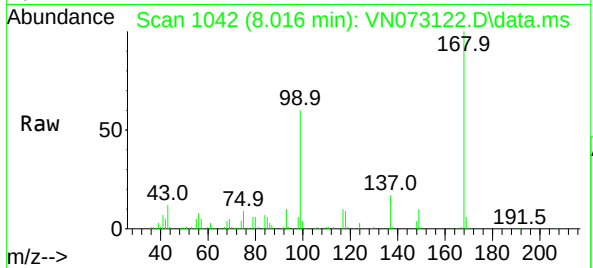




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

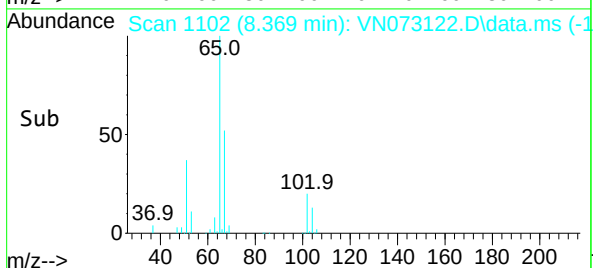
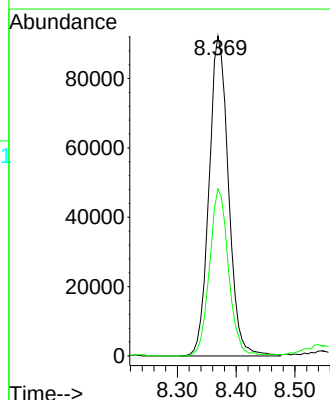
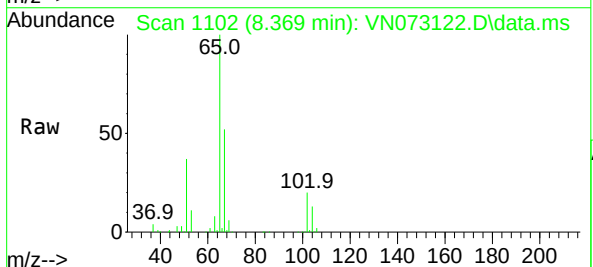
Instrument :
MSVOA_N
ClientSampleId :
B2205-30

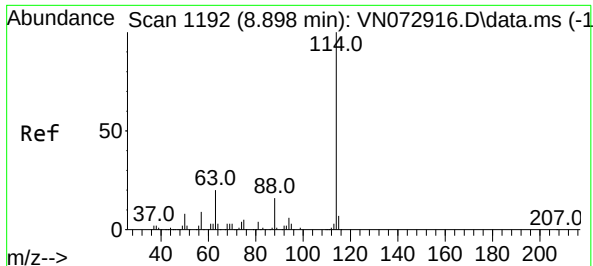
Tgt Ion:168 Resp: 363439
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.142 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

Tgt Ion: 65 Resp: 211982
Ion Ratio Lower Upper
65 100
67 51.3 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: VN073122.D

Acq: 25 Jun 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

B2205-30

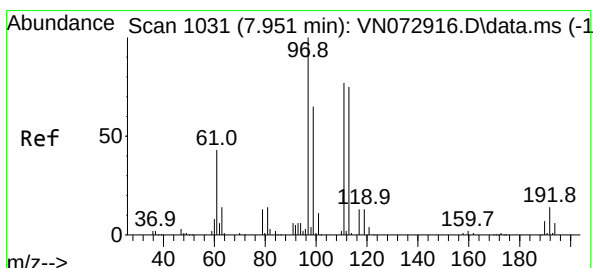
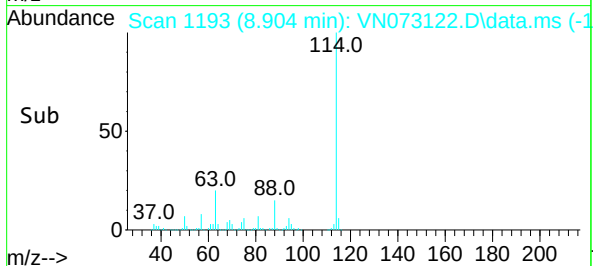
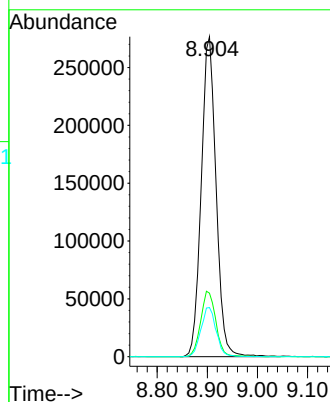
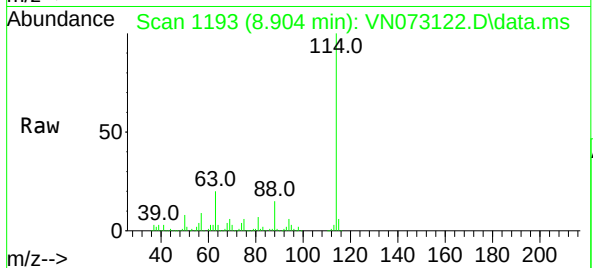
Tgt Ion:114 Resp: 568744

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.904 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073122.D

Acq: 25 Jun 2022 19:59

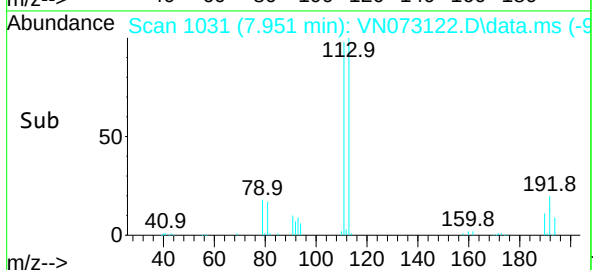
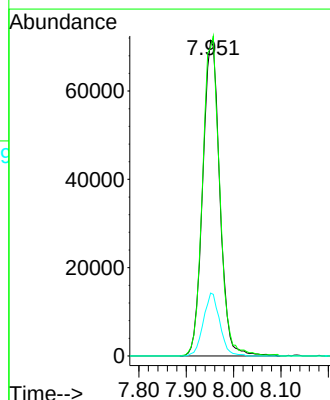
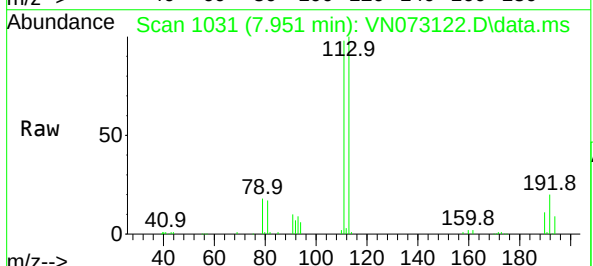
Tgt Ion:113 Resp: 178946

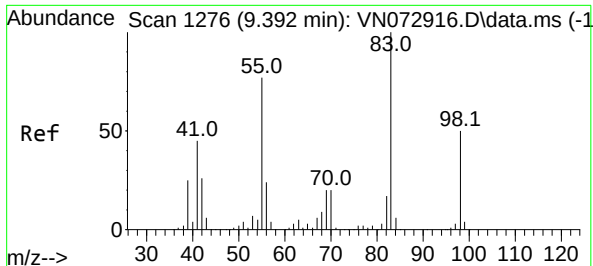
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 19.2 17.0 25.6





#39

Methylcyclohexane

Concen: 7.811 ug/l

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073122.D

Acq: 25 Jun 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

B2205-30

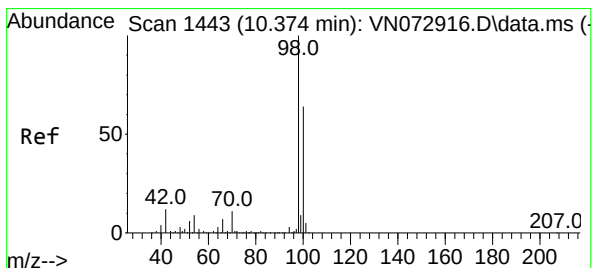
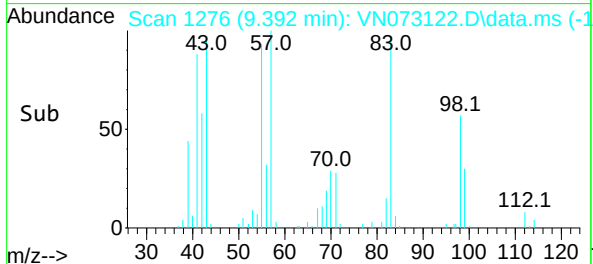
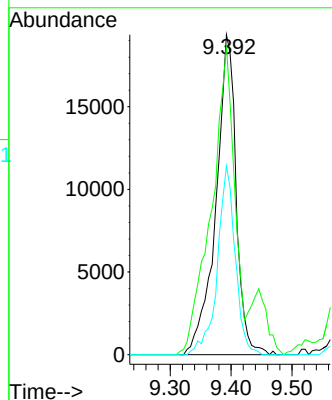
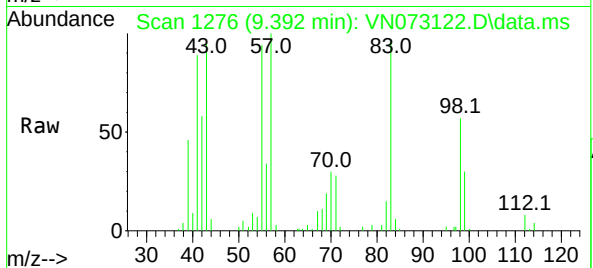
Tgt Ion: 83 Resp: 44785

Ion Ratio Lower Upper

83 100

55 95.6 57.8 86.8#

98 58.9 39.4 59.2



#50

Toluene-d8

Concen: 45.784 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073122.D

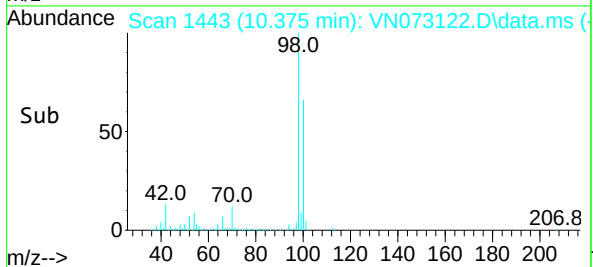
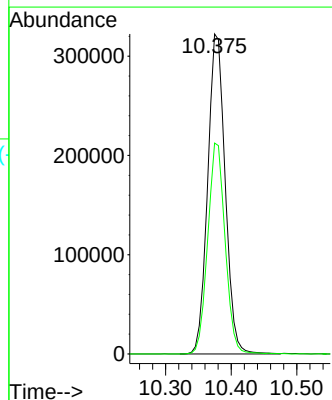
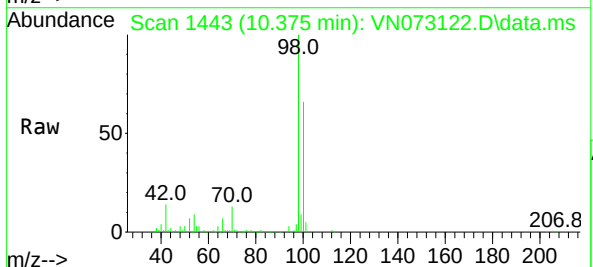
Acq: 25 Jun 2022 19:59

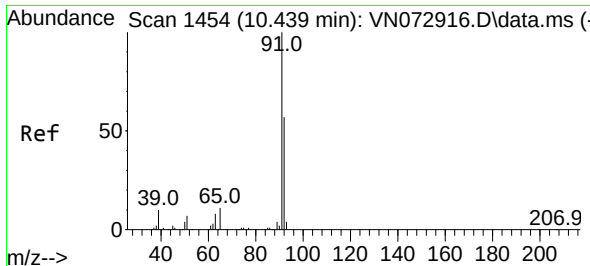
Tgt Ion: 98 Resp: 598890

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

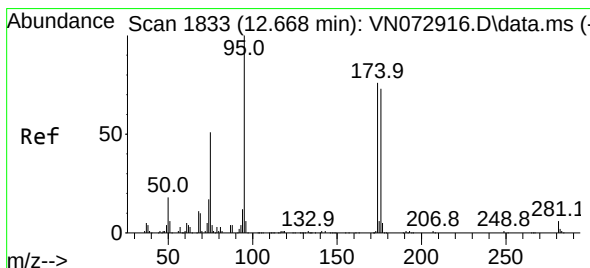
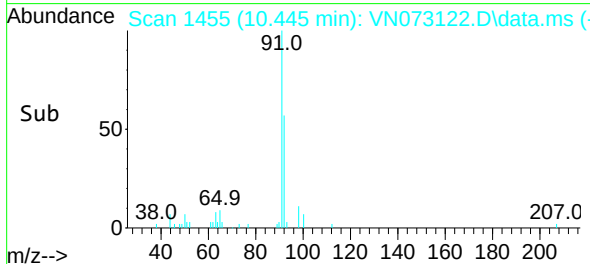
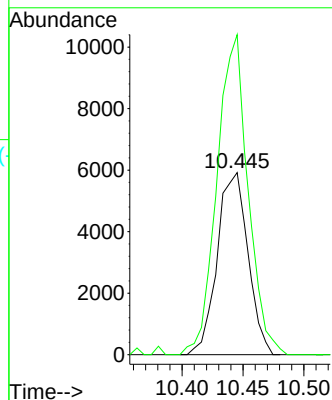
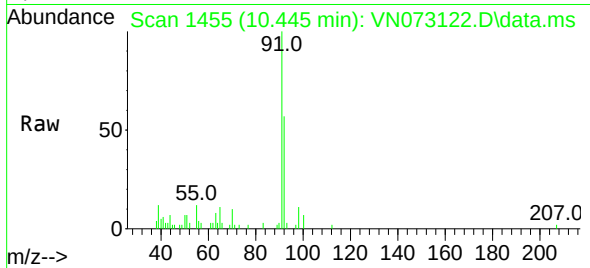




#52
Toluene
Concen: 1.134 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

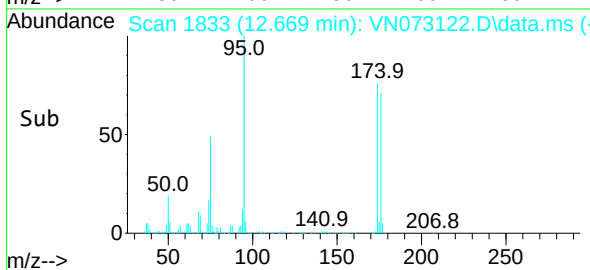
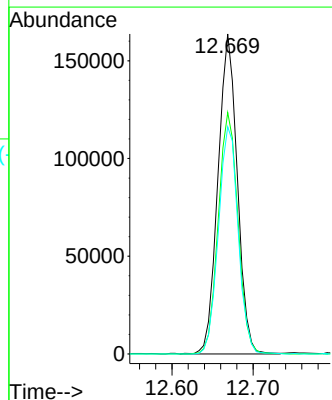
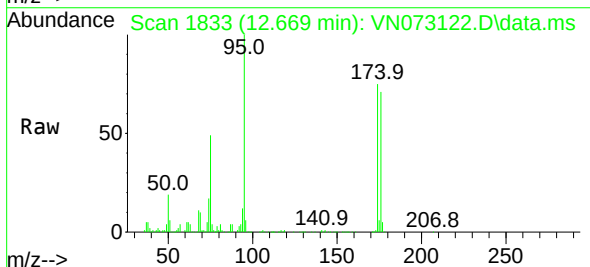
Instrument :
MSVOA_N
ClientSampleId :
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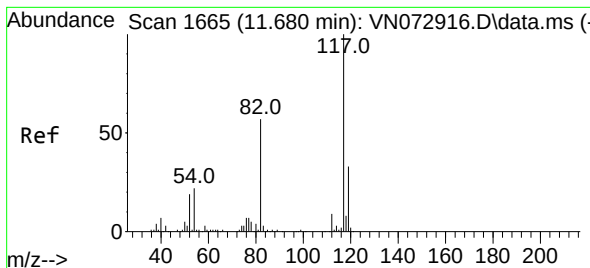
Tgt Ion: 92 Resp: 10404
Ion Ratio Lower Upper
92 100
91 177.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 57.672 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

Tgt Ion: 95 Resp: 271269
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 72.2 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: VN073122.D

Acq: 25 Jun 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

B2205-30

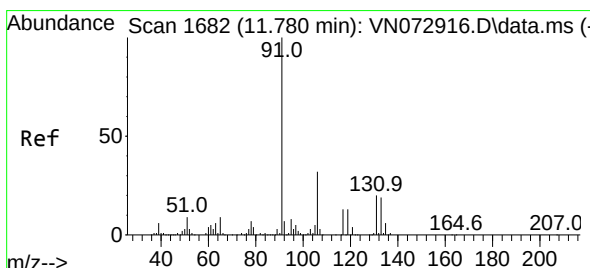
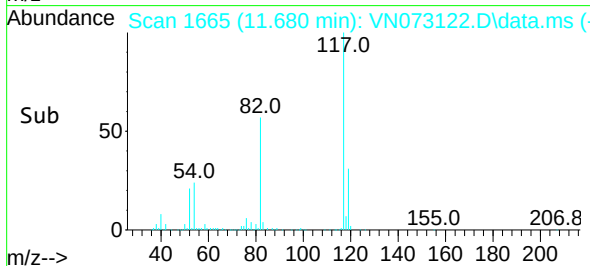
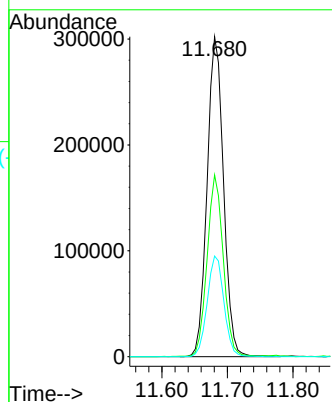
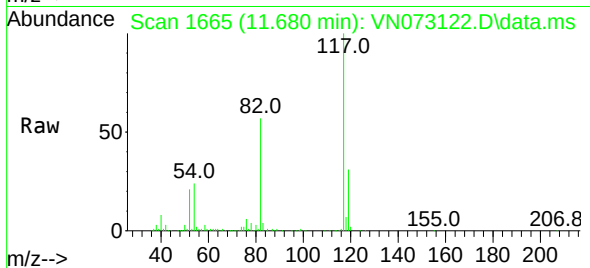
Tgt Ion:117 Resp: 526534

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

119 31.5 25.4 38.0



#67

Ethyl Benzene

Concen: 10.670 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073122.D

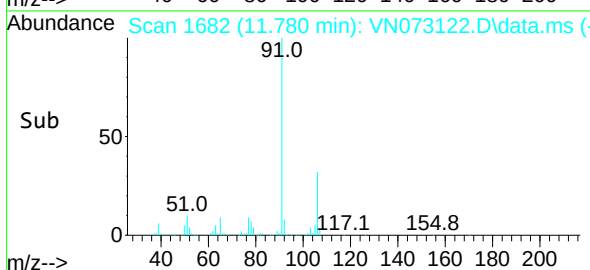
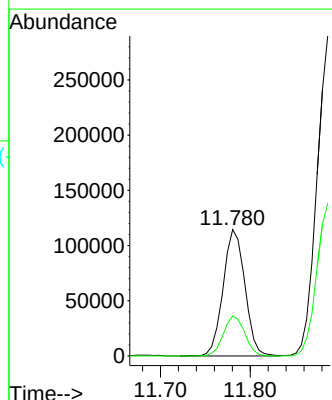
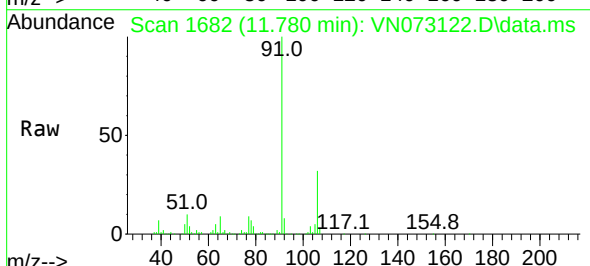
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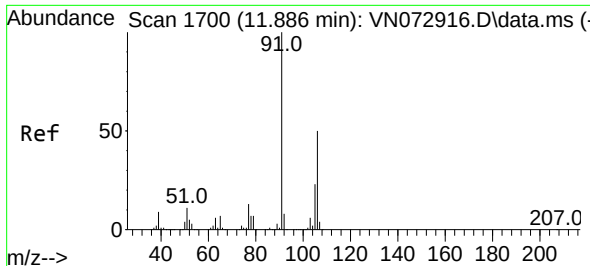
Tgt Ion: 91 Resp: 193151

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3

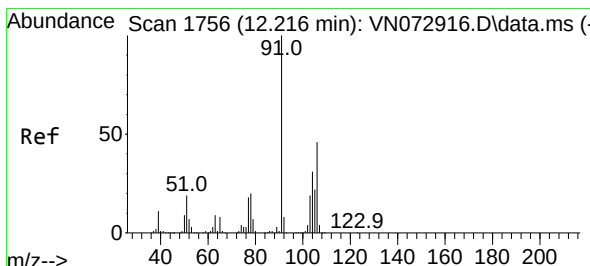
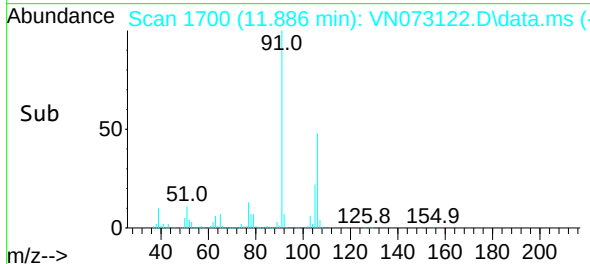
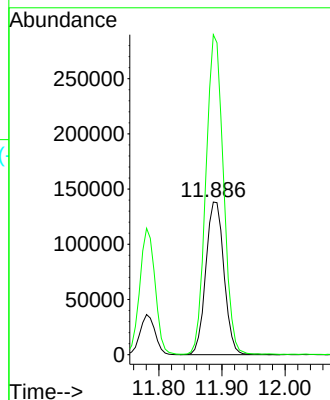
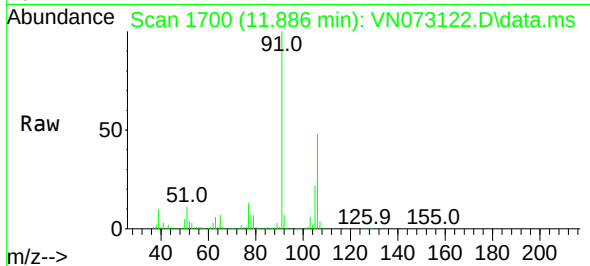




#68
m/p-Xylenes
Concen: 38.871 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

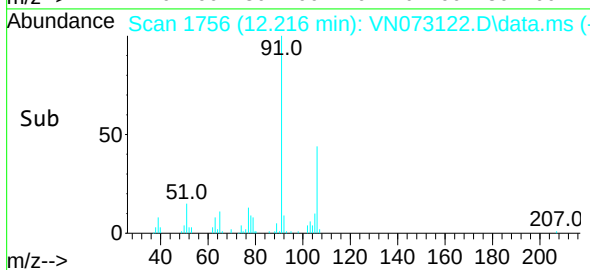
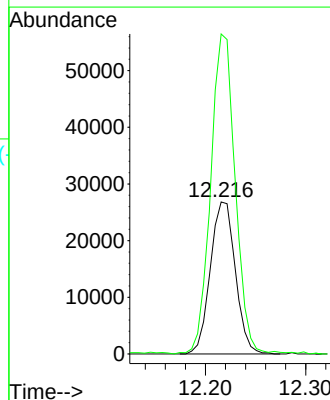
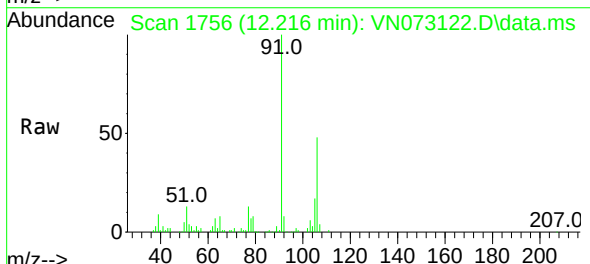
Instrument :
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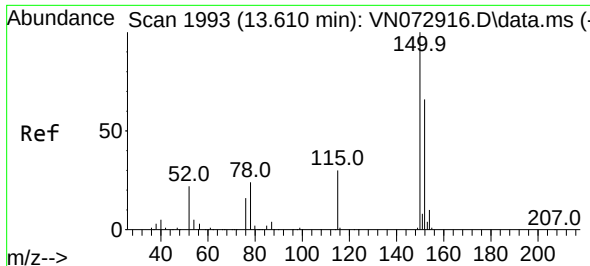
Tgt Ion:106 Resp: 275974
Ion Ratio Lower Upper
106 100
91 202.5 158.9 238.3



#69
o-Xylene
Concen: 6.541 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

Tgt Ion:106 Resp: 46406
Ion Ratio Lower Upper
106 100
91 207.3 106.0 318.0

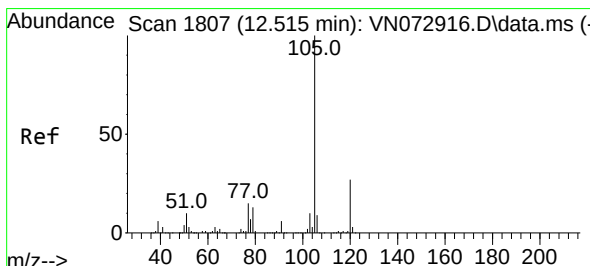
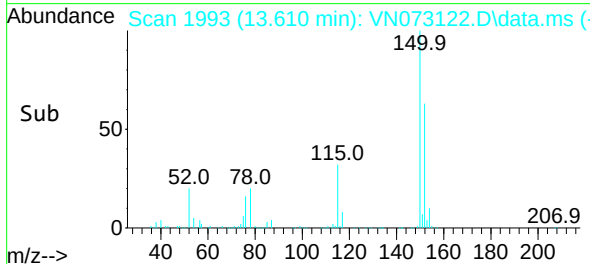
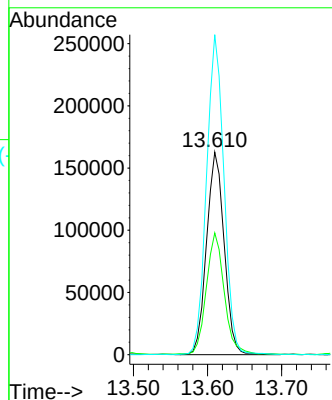
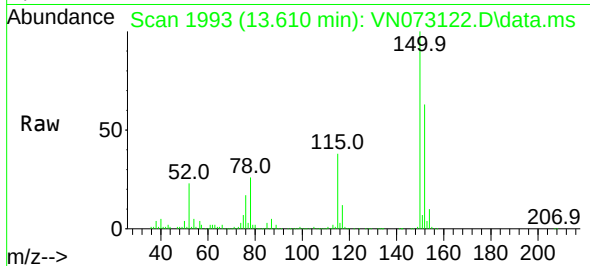




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073122.D
 Acq: 25 Jun 2022 19:59

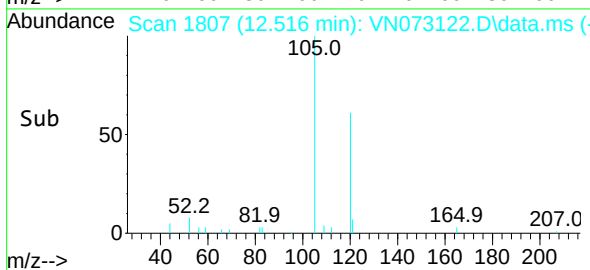
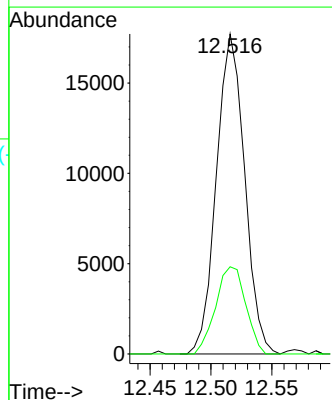
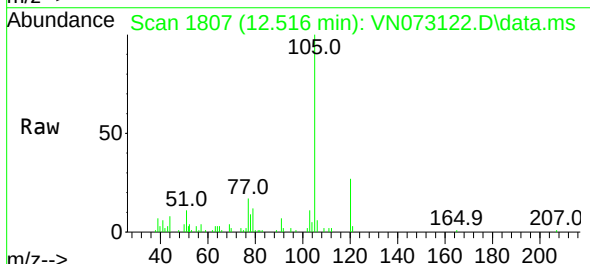
Instrument :
 MSVOA_N
 ClientSampleId :
 B2205-30

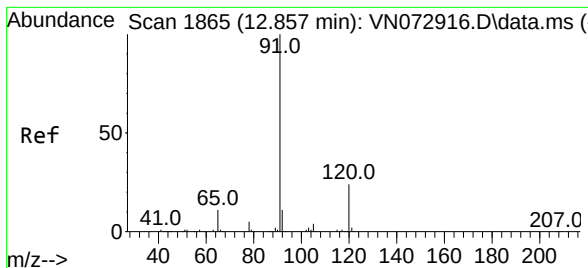
Tgt Ion:152 Resp: 269805
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.9 86.7
 150 156.2 0.0 356.2



#73
 Isopropylbenzene
 Concen: 1.369 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN073122.D
 Acq: 25 Jun 2022 19:59

Tgt Ion:105 Resp: 28573
 Ion Ratio Lower Upper
 105 100
 120 29.0 13.5 40.4





#78

n-propylbenzene

Concen: 5.714 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073122.D

Acq: 25 Jun 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

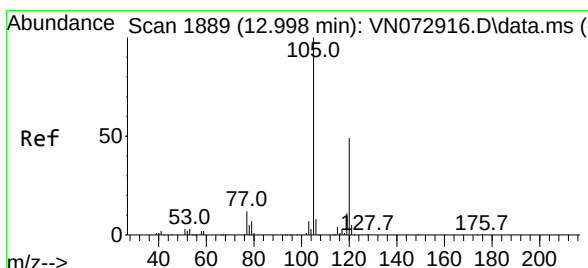
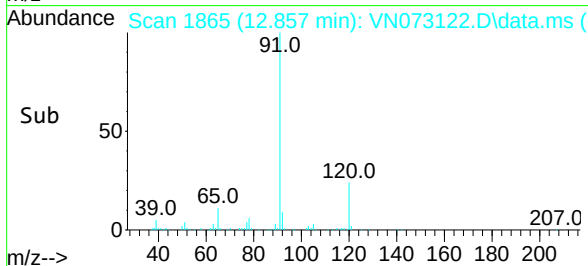
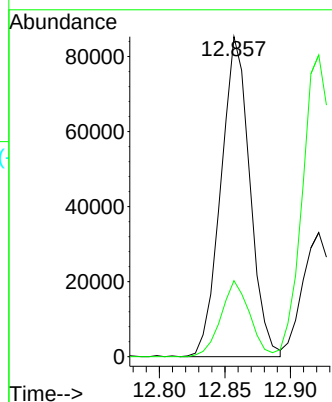
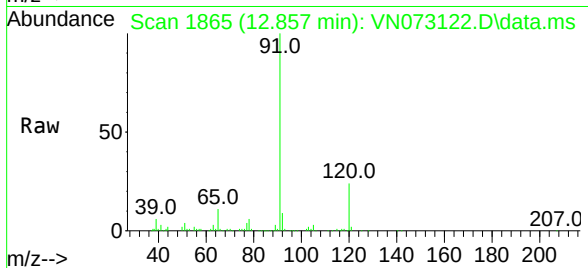
B2205-30

Tgt Ion: 91 Resp: 131178

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 12.252 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073122.D

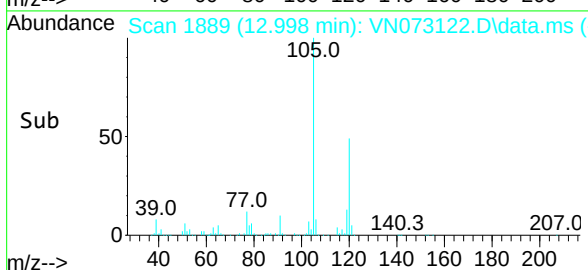
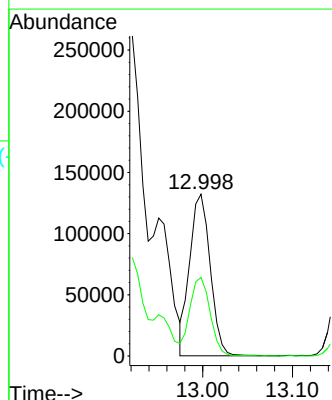
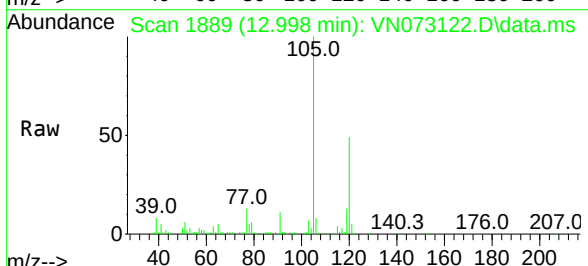
Acq: 25 Jun 2022 19:59

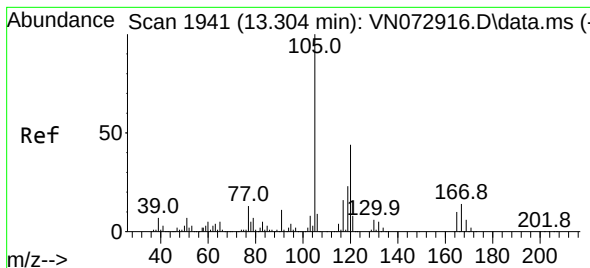
Tgt Ion:105 Resp: 210067

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 37.810 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073122.D

Acq: 25 Jun 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

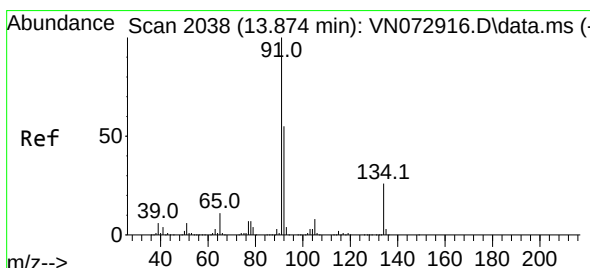
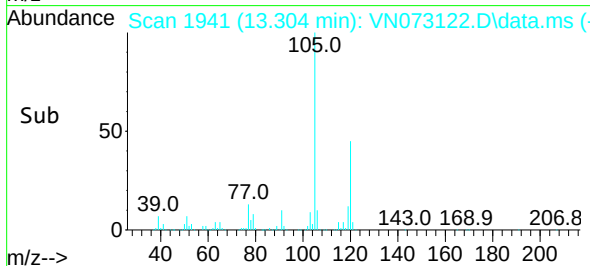
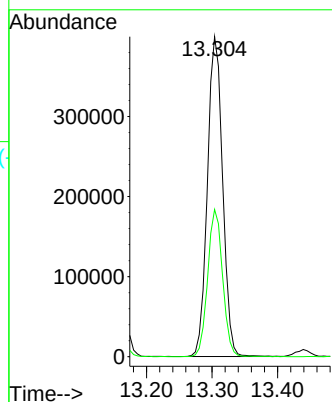
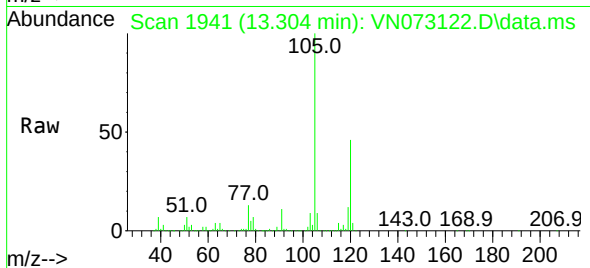
B2205-30

Tgt Ion:105 Resp: 645689

Ion Ratio Lower Upper

105 100

120 45.3 23.3 69.8



#89

n-Butylbenzene

Concen: 1.448 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VN073122.D

Acq: 25 Jun 2022 19:59

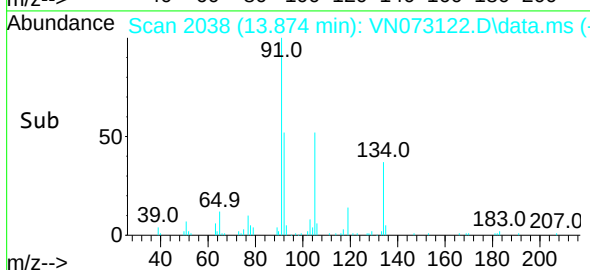
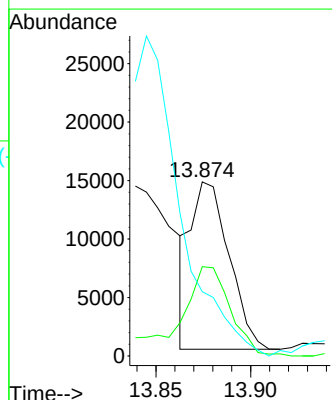
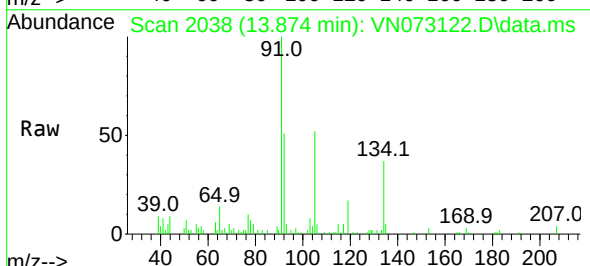
Tgt Ion: 91 Resp: 20053

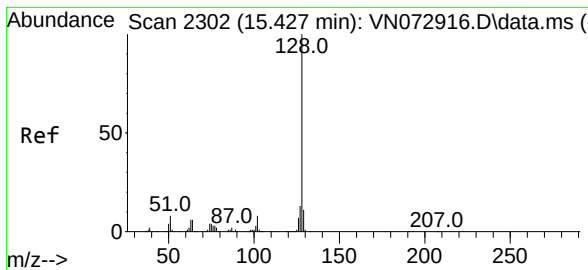
Ion Ratio Lower Upper

91 100

92 70.3 26.9 80.7

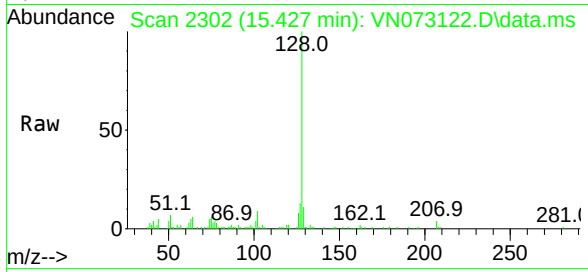
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 4.179 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073122.D
Acq: 25 Jun 2022 19:59

Instrument :
MSVOA_N
ClientSampleId :
B2205-30



Tgt Ion:	128	Resp:	87111
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.5	8.6	13.0

