

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073144.D
 Acq On : 26 Jun 2022 06:58
 Operator : JC\MD
 Sample : N3426-04 40X
 Misc : 6.11g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2202-30

Quant Time: Jun 27 03:58:57 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)

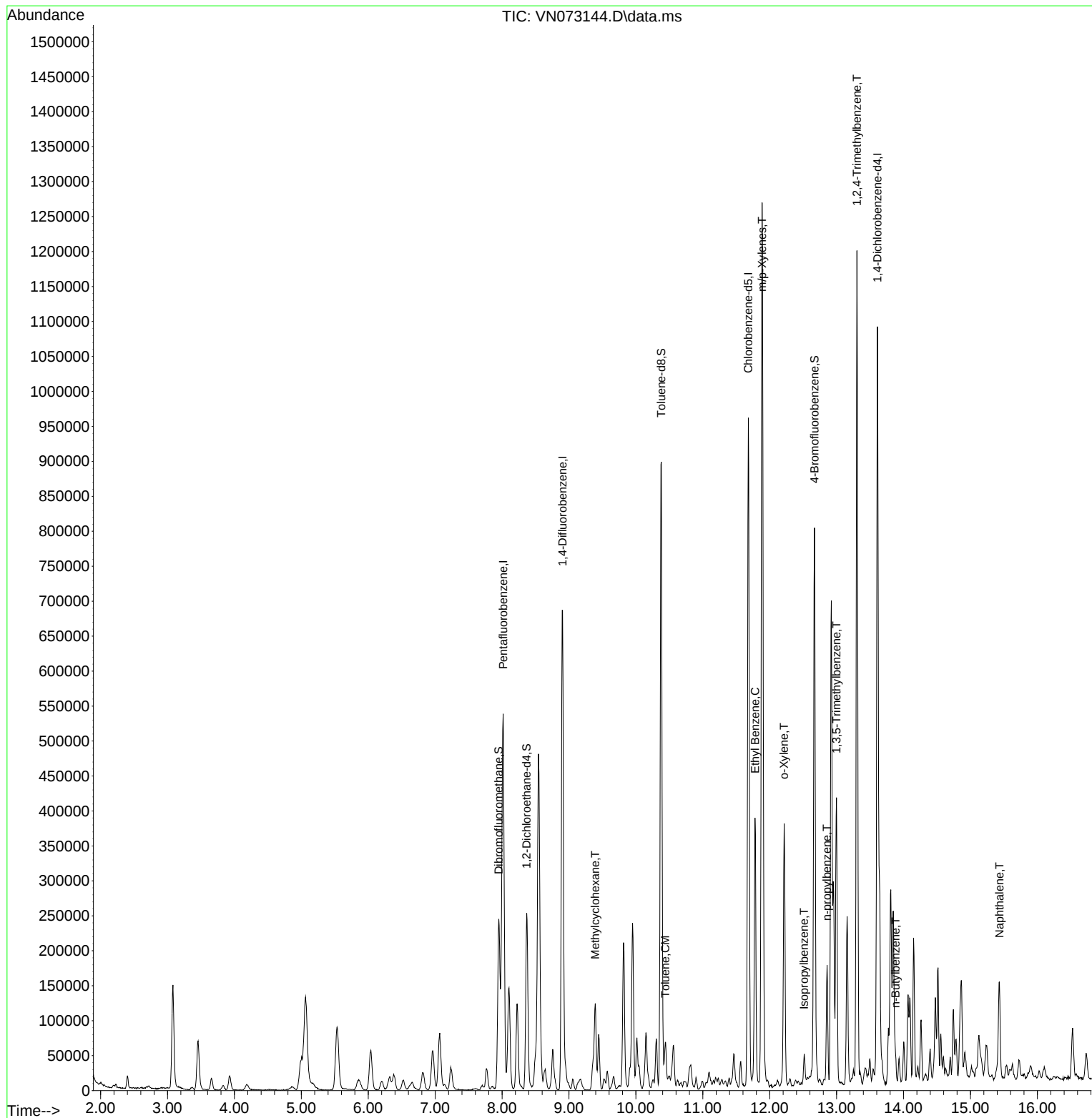
Internal Standards						
1) Pentafluorobenzene	8.016	168	366111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	582864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	550556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	286807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	214433	43.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.640%
35) Dibromofluoromethane	7.951	113	178912	49.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	10.380	98	617641	46.074	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.669	95	281099	58.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.620%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.392	83	32696	5.565	ug/l #	81
52) Toluene	10.439	92	26214	2.787	ug/l	95
67) Ethyl Benzene	11.780	91	269935	14.262	ug/l	98
68) m/p-Xylenes	11.886	106	409448	55.154	ug/l	96
69) o-Xylene	12.216	106	102039	13.756	ug/l	98
73) Isopropylbenzene	12.516	105	30844	1.390	ug/l	97
78) n-propylbenzene	12.857	91	131189	5.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	211893	11.626	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	669981	36.907	ug/l	97
89) n-Butylbenzene	13.880	91	19763	1.343	ug/l #	67
95) Naphthalene	15.433	128	125478	5.663	ug/l	97

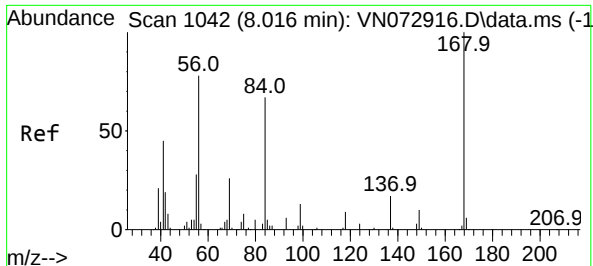
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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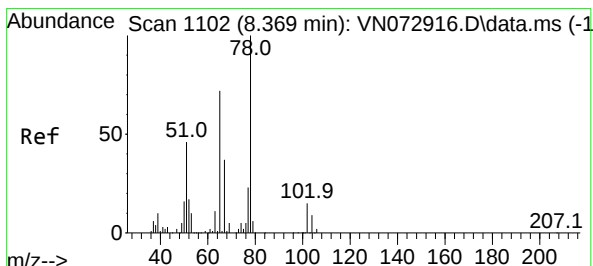
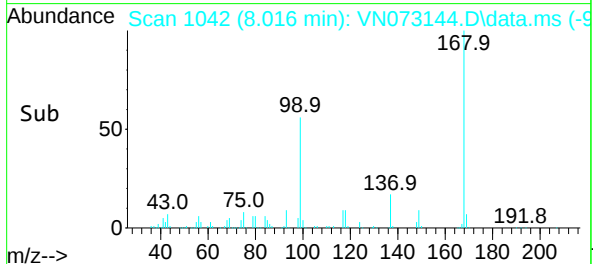
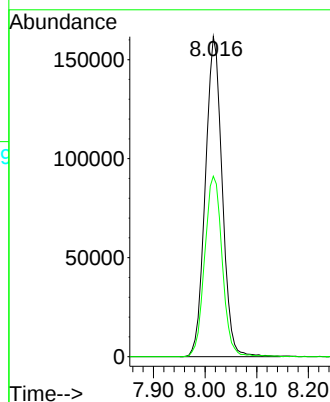
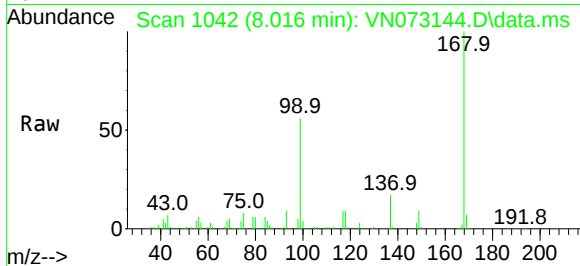




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

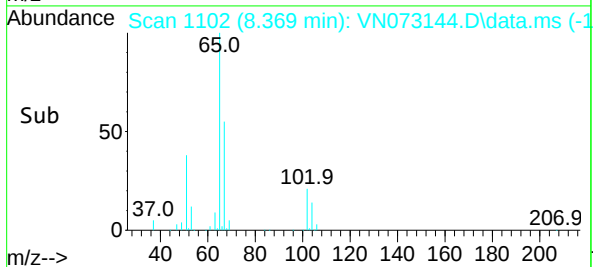
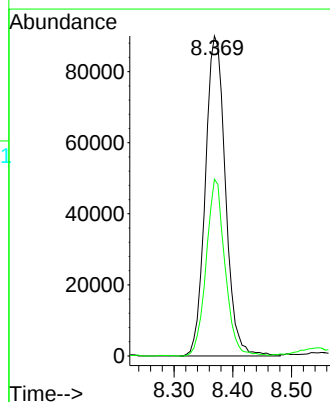
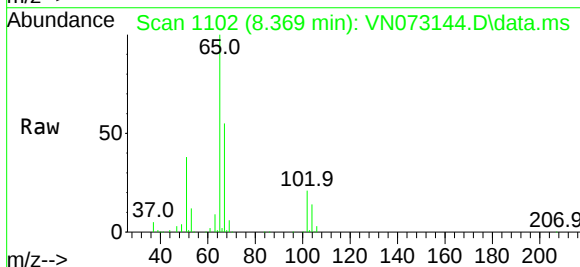
Instrument :
MSVOA_N
ClientSampleId :
B2202-30

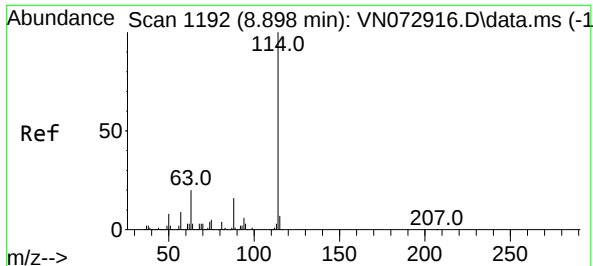
Tgt Ion:168 Resp: 366111
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.322 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

Tgt Ion: 65 Resp: 214433
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

B2202-30

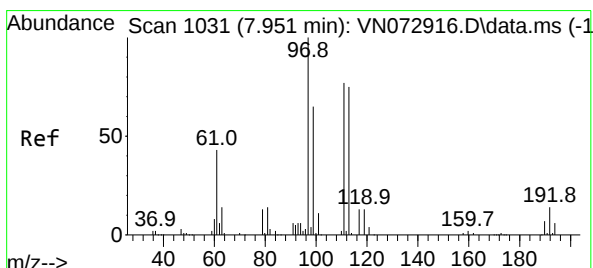
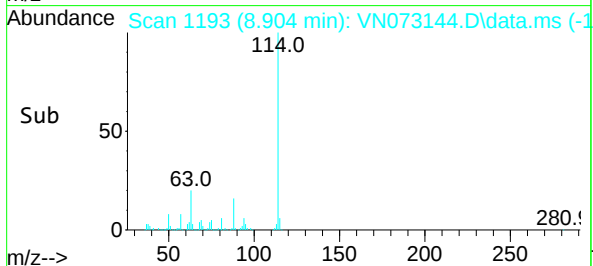
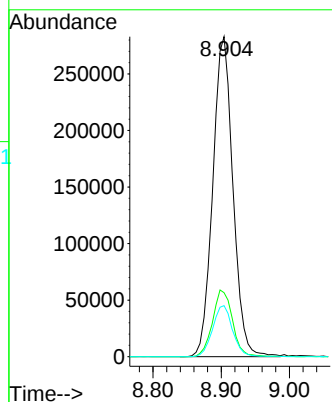
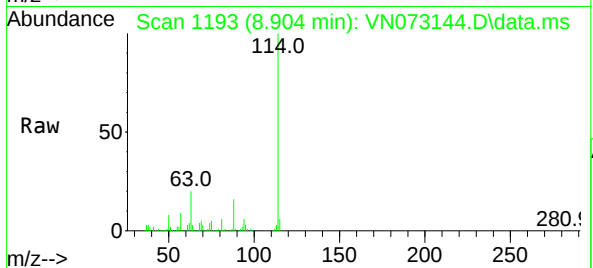
Tgt Ion:114 Resp: 582864

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

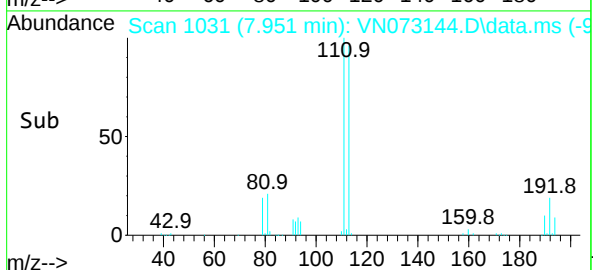
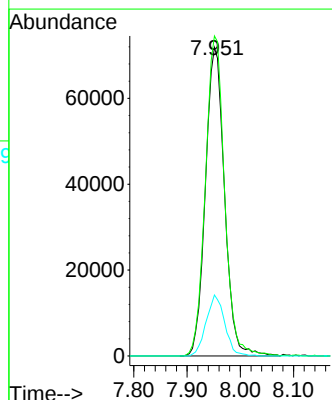
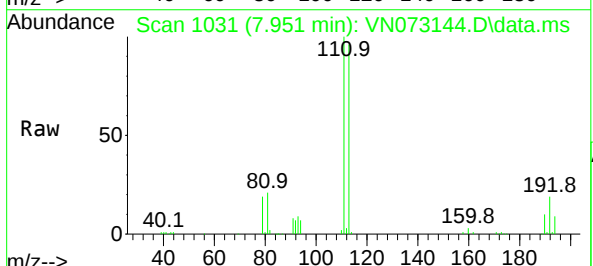
Tgt Ion:113 Resp: 178912

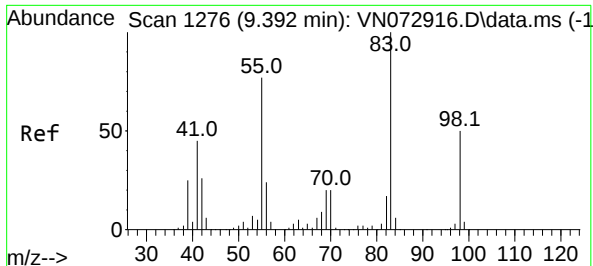
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 19.2 17.0 25.6





#39

Methylcyclohexane

Concen: 5.565 ug/l

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

B2202-30

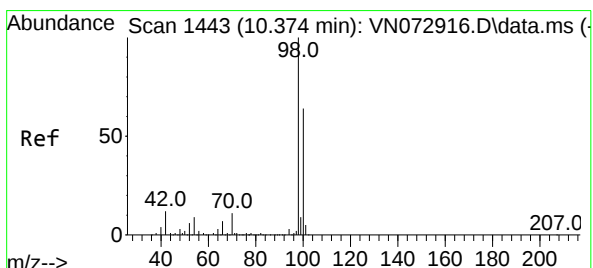
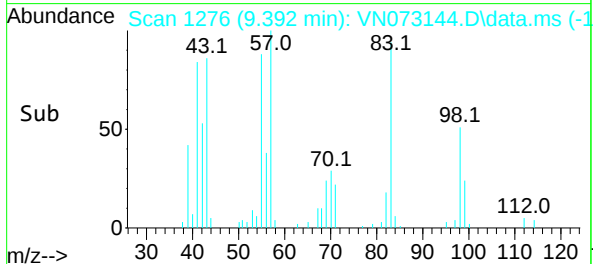
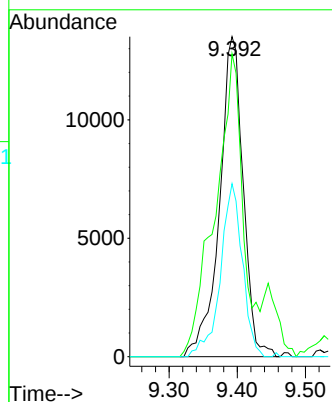
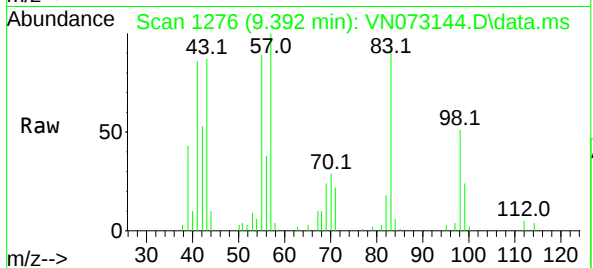
Tgt Ion: 83 Resp: 32696

Ion Ratio Lower Upper

83 100

55 94.6 57.8 86.8#

98 54.1 39.4 59.2



#50

Toluene-d8

Concen: 46.074 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073144.D

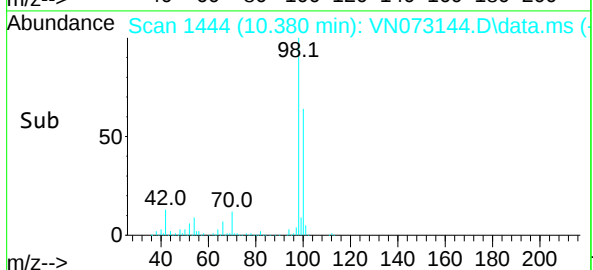
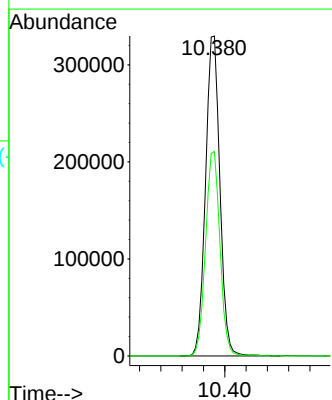
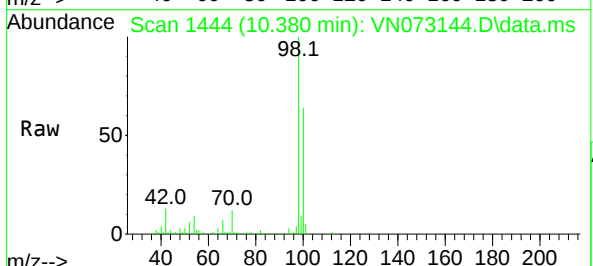
Acq: 26 Jun 2022 06:58

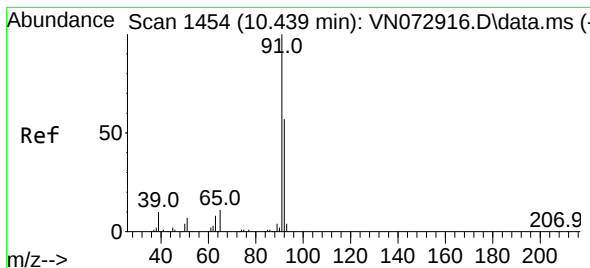
Tgt Ion: 98 Resp: 617641

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8





#52

Toluene

Concen: 2.787 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

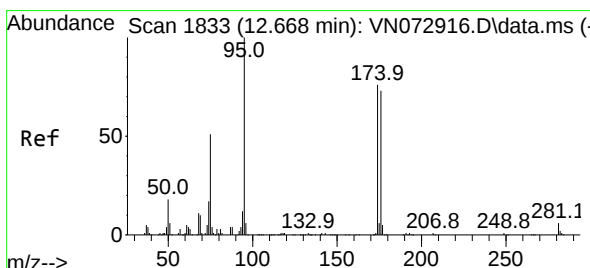
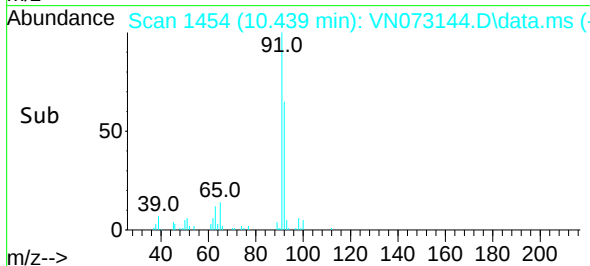
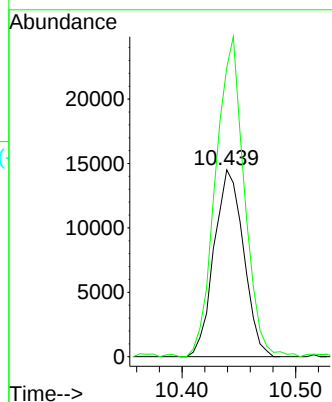
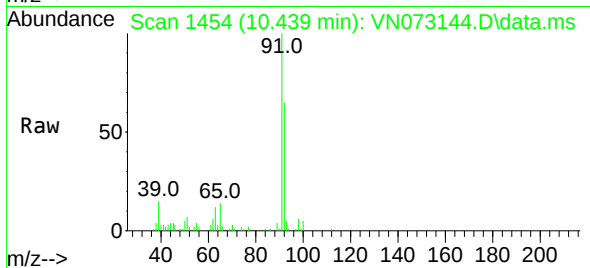
B2202-30

Tgt Ion: 92 Resp: 26214

Ion Ratio Lower Upper

92 100

91 166.1 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 58.314 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

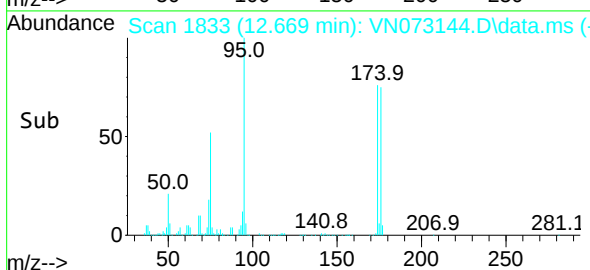
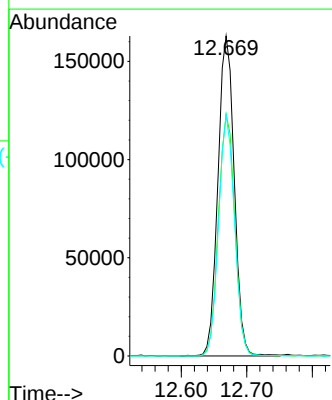
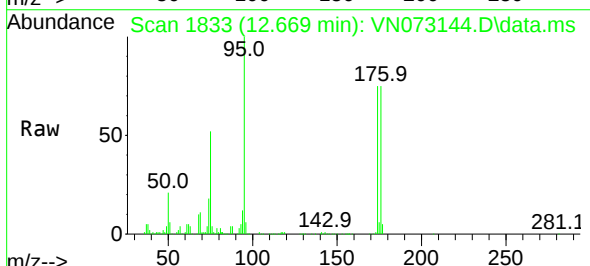
Tgt Ion: 95 Resp: 281099

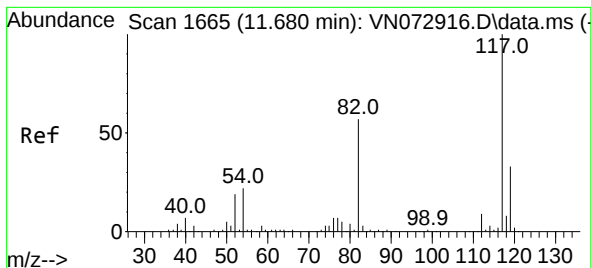
Ion Ratio Lower Upper

95 100

174 75.5 0.0 167.6

176 73.3 0.0 163.4

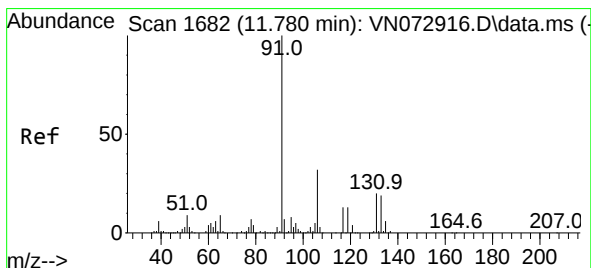
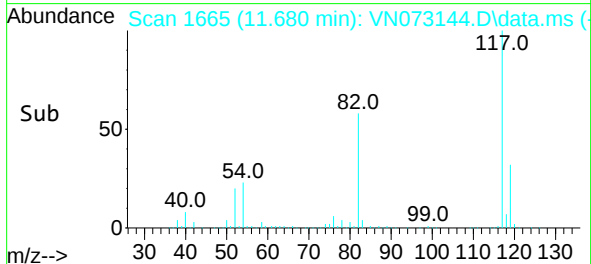
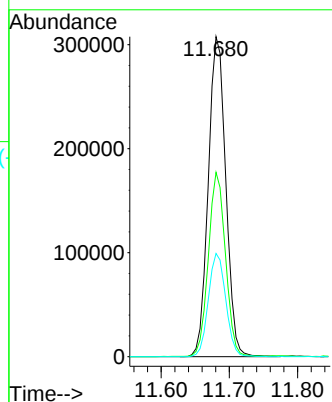
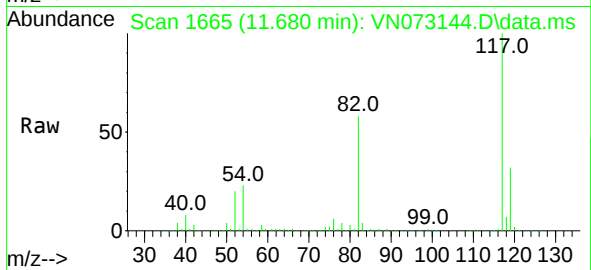




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

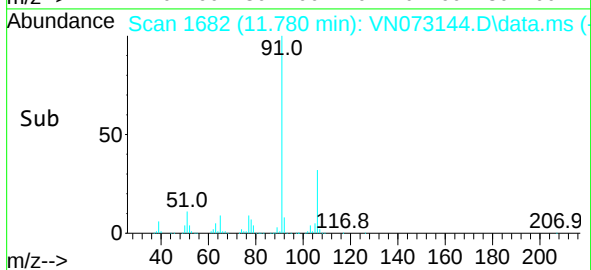
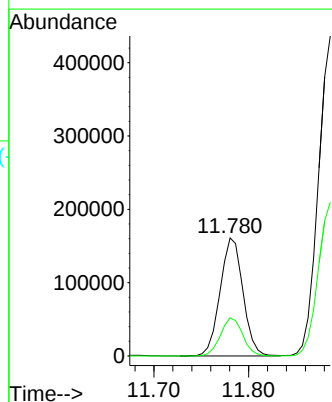
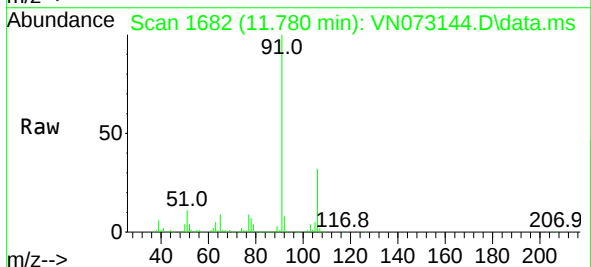
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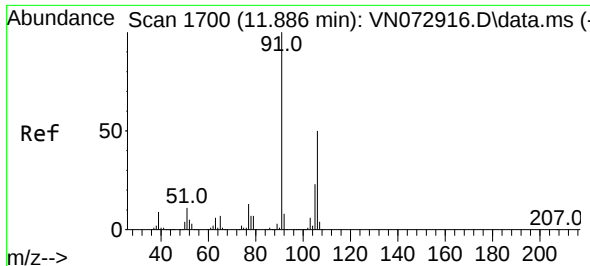
Tgt Ion:117 Resp: 550556
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 14.262 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

Tgt Ion: 91 Resp: 269935
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

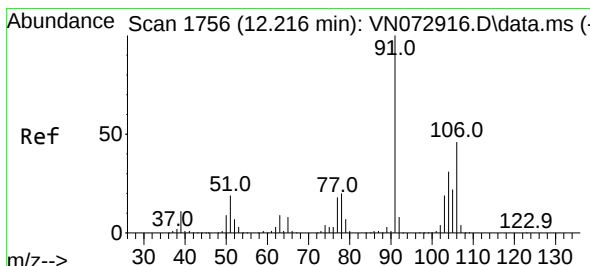
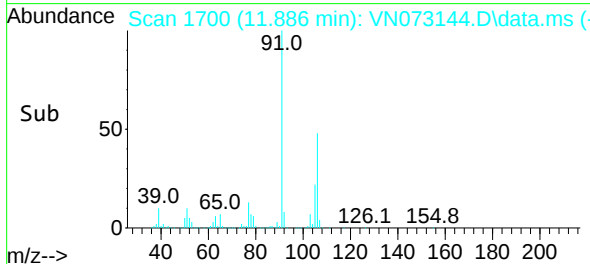
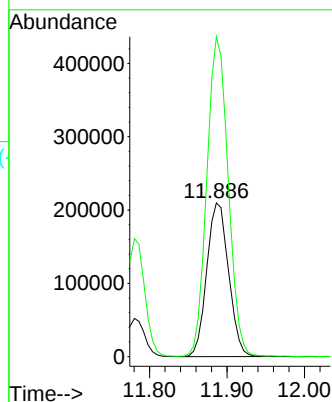
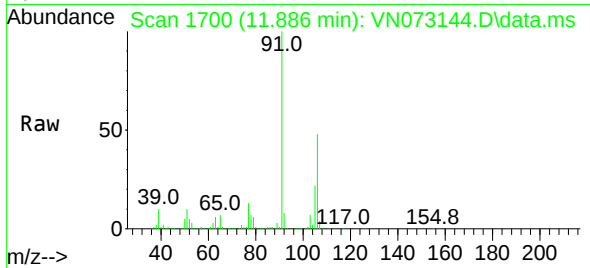




#68
m/p-Xylenes
Concen: 55.154 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

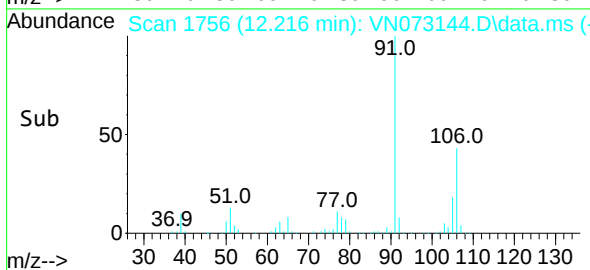
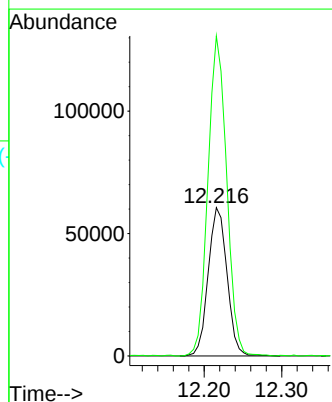
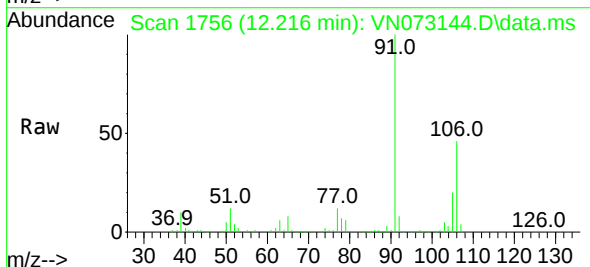
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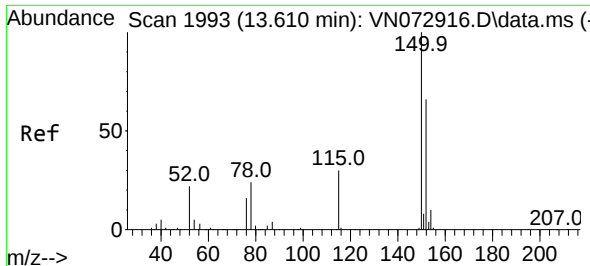
Tgt Ion:106 Resp: 409448
Ion Ratio Lower Upper
106 100
91 204.0 158.9 238.3



#69
o-Xylene
Concen: 13.756 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

Tgt Ion:106 Resp: 102039
Ion Ratio Lower Upper
106 100
91 214.5 106.0 318.0

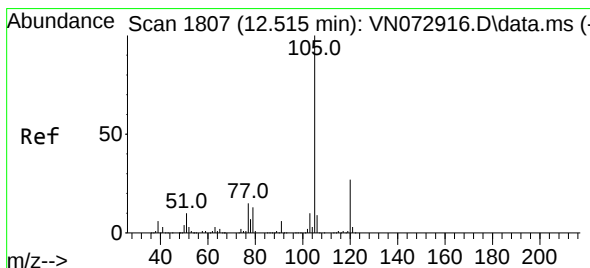
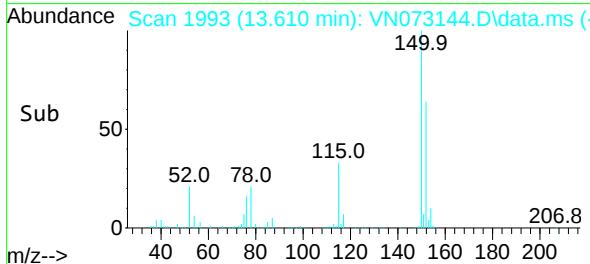
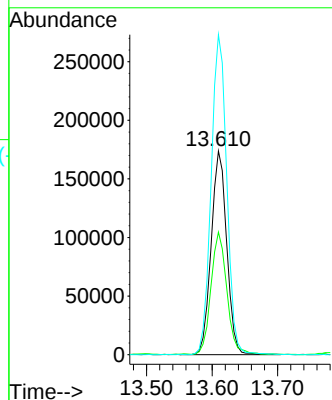
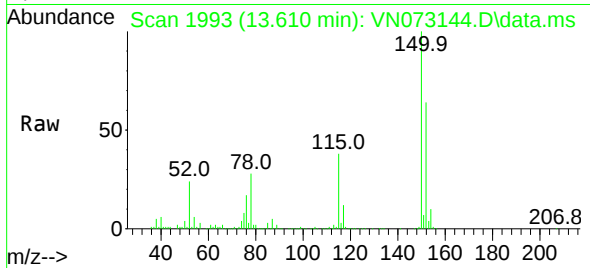




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

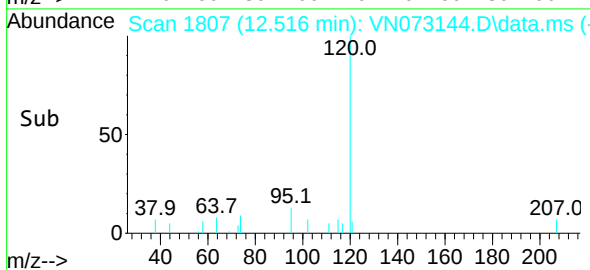
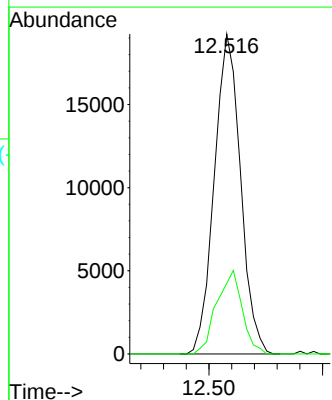
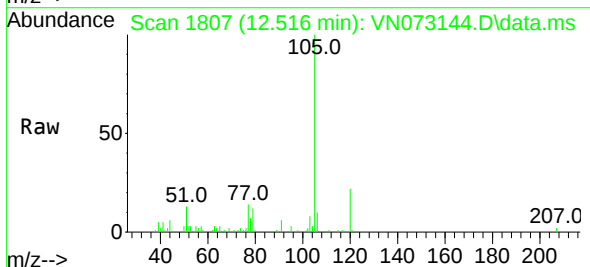
Instrument :
MSVOA_N
ClientSampleId :
B2202-30

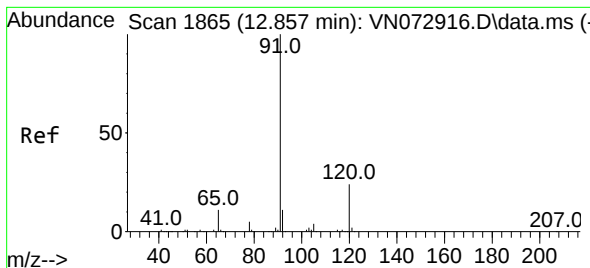
Tgt Ion:152 Resp: 286807
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 157.6 0.0 356.2



#73
Isopropylbenzene
Concen: 1.390 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

Tgt Ion:105 Resp: 30844
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4





#78

n-propylbenzene

Concen: 5.375 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

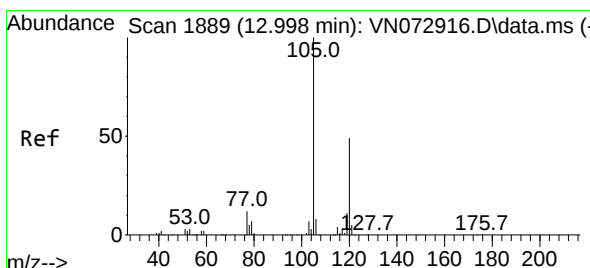
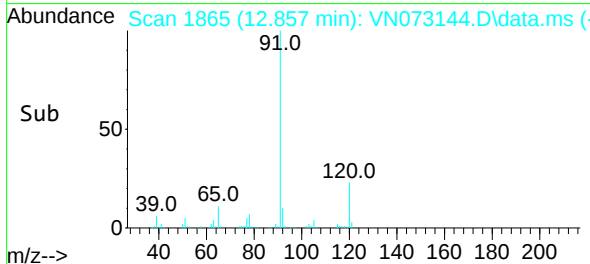
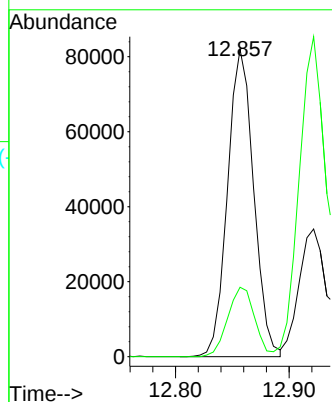
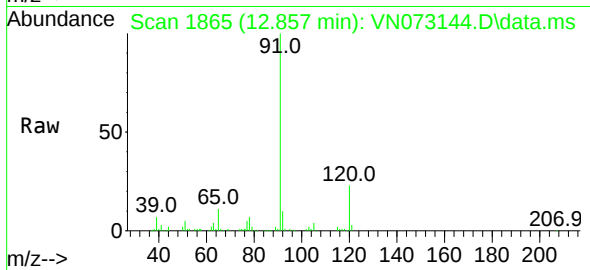
B2202-30

Tgt Ion: 91 Resp: 131189

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 11.626 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073144.D

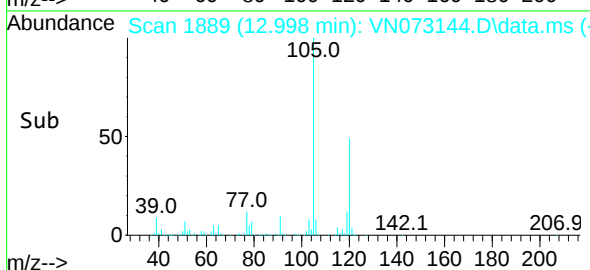
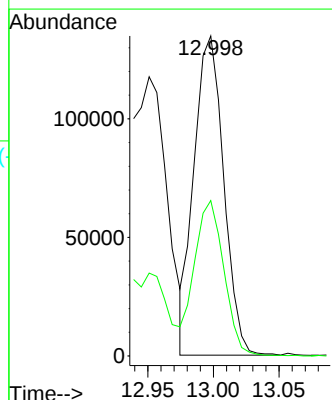
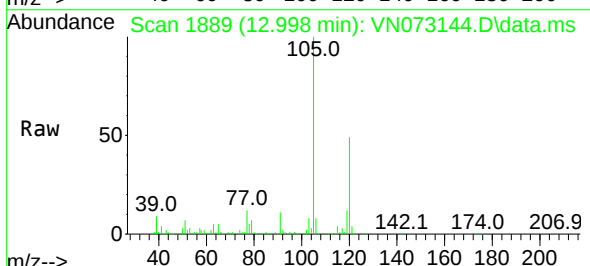
Acq: 26 Jun 2022 06:58

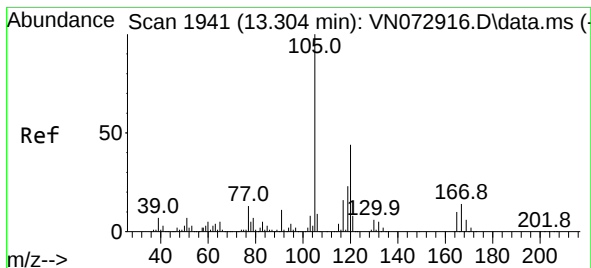
Tgt Ion:105 Resp: 211893

Ion Ratio Lower Upper

105 100

120 48.5 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 36.907 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

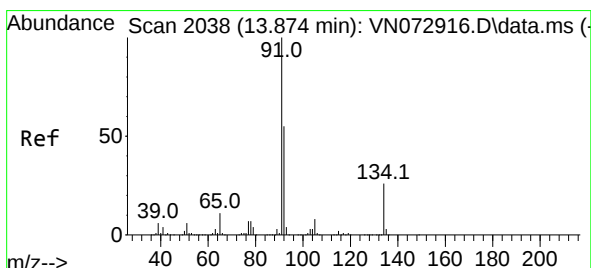
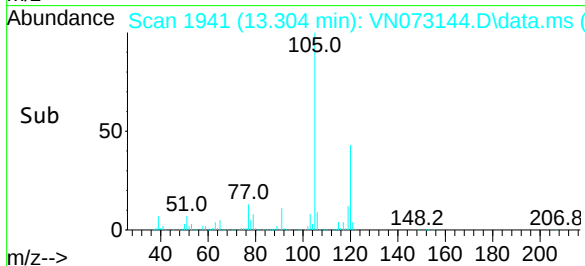
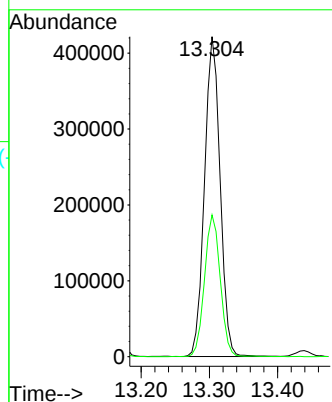
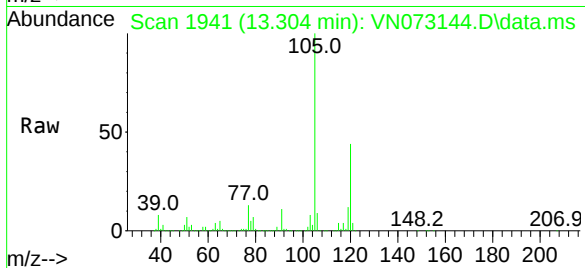
B2202-30

Tgt Ion:105 Resp: 669981

Ion Ratio Lower Upper

105 100

120 44.5 23.3 69.8



#89

n-Butylbenzene

Concen: 1.343 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073144.D

Acq: 26 Jun 2022 06:58

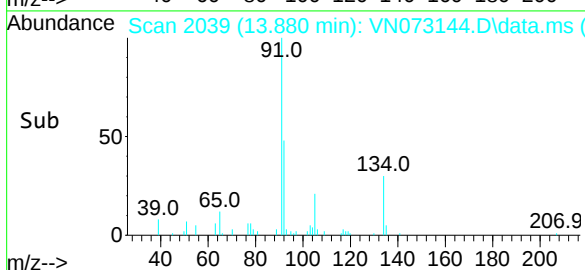
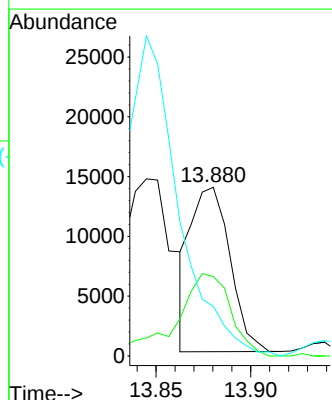
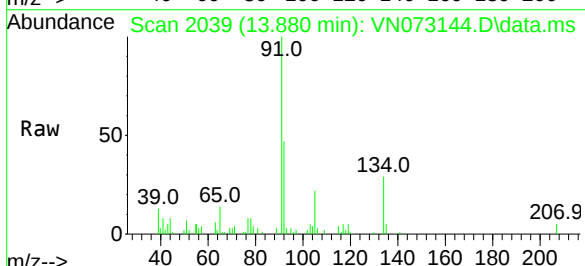
Tgt Ion: 91 Resp: 19763

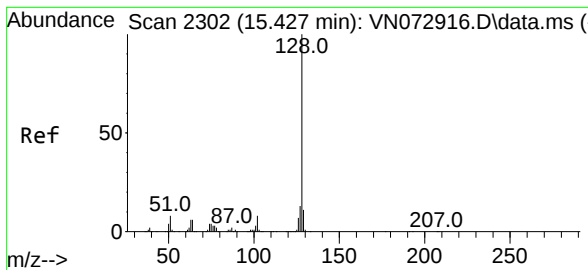
Ion Ratio Lower Upper

91 100

92 69.9 26.9 80.7

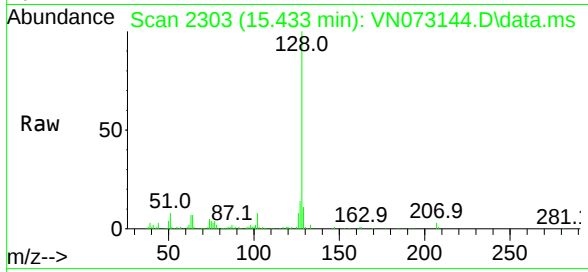
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 5.663 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073144.D
Acq: 26 Jun 2022 06:58

Instrument :
MSVOA_N
ClientSampleId :
B2202-30



Tgt Ion:	128	Resp:	125478
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	11.5	8.6	13.0

