

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073758.D
 Acq On : 05 Aug 2022 13:27
 Operator : JC\MD
 Sample : N4029-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0822DL

Quant Time: Aug 07 20:49:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

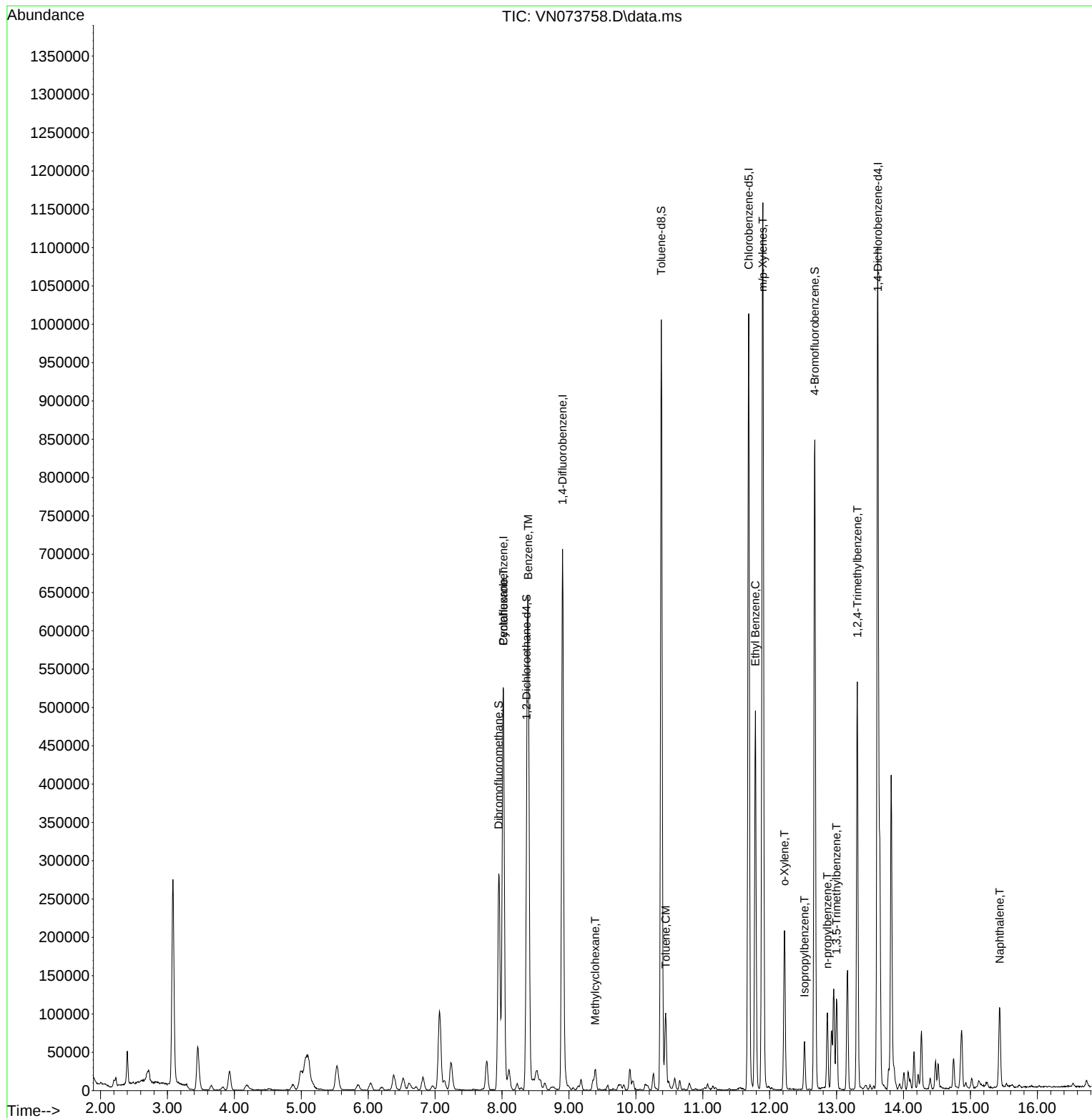
Internal Standards						
1) Pentafluorobenzene	8.022	168	396612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	632168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	596051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	312549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227916	47.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.300%			
35) Dibromofluoromethane	7.951	113	209935	52.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	10.381	98	712481	45.611	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.220%			
62) 4-Bromofluorobenzene	12.675	95	280927	53.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.340%			
Target Compounds						Qvalue
31) Cyclohexane	8.022	56	32697	4.544	ug/l #	87
39) Methylcyclohexane	9.393	83	11112	1.644	ug/l	94
40) Benzene	8.393	78	546324	29.737	ug/l	100
52) Toluene	10.445	92	42125	3.754	ug/l	97
67) Ethyl Benzene	11.787	91	348590	16.320	ug/l	99
68) m/p-Xylenes	11.898	106	388480	47.688	ug/l	99
69) o-Xylene	12.222	106	58311	7.342	ug/l	96
73) Isopropylbenzene	12.522	105	39118	1.710	ug/l	99
78) n-propylbenzene	12.863	91	79405	3.084	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	62162	3.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	295883	15.982	ug/l	100
95) Naphthalene	15.439	128	101321	5.705	ug/l	99

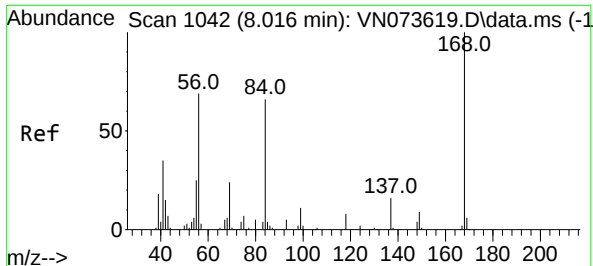
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

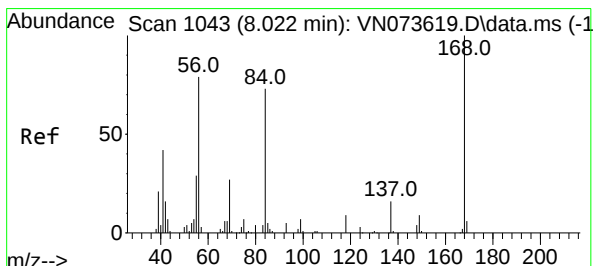
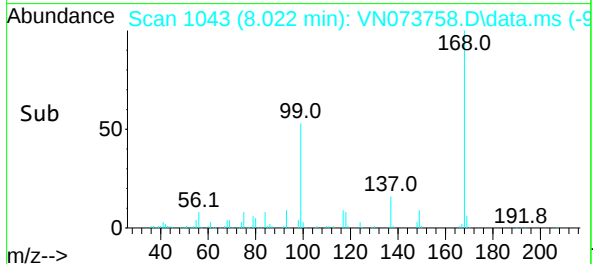
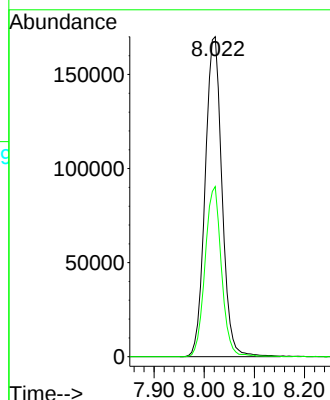
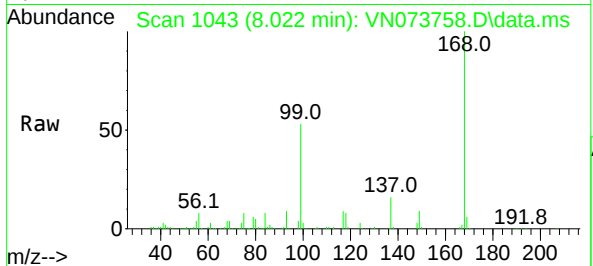




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

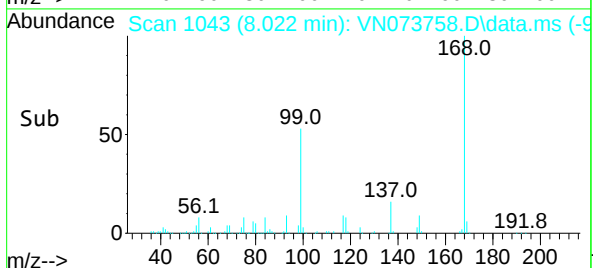
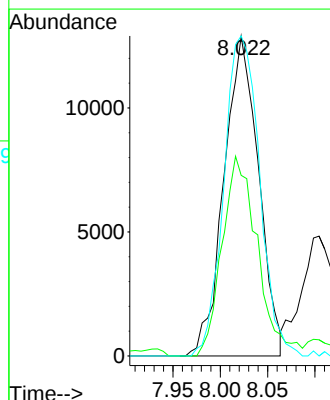
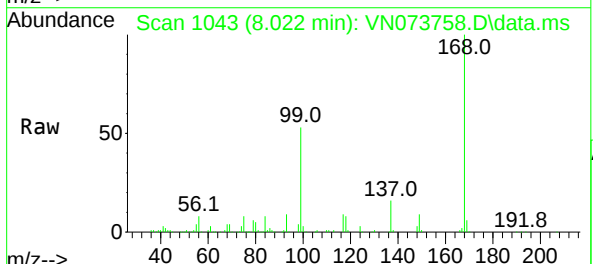
Instrument :
MSVOA_N
ClientSampleId :
INF0822DL

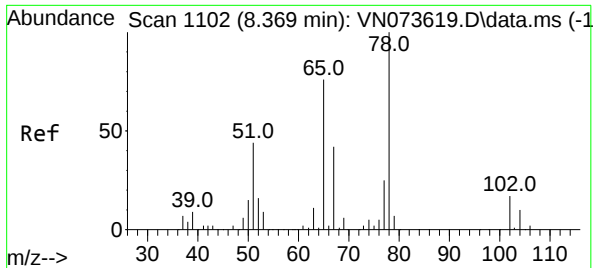
Tgt Ion:168 Resp: 396612
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#31
Cyclohexane
Concen: 4.544 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Tgt Ion: 56 Resp: 32697
Ion Ratio Lower Upper
56 100
69 56.5 27.8 41.8#
84 100.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.155 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073758.D

Acq: 05 Aug 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

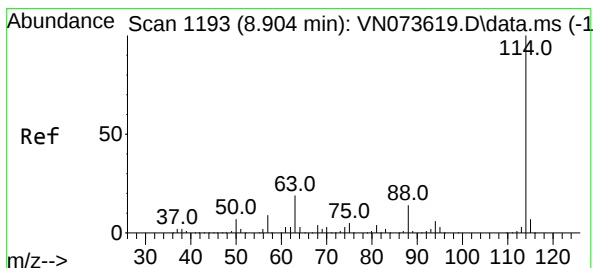
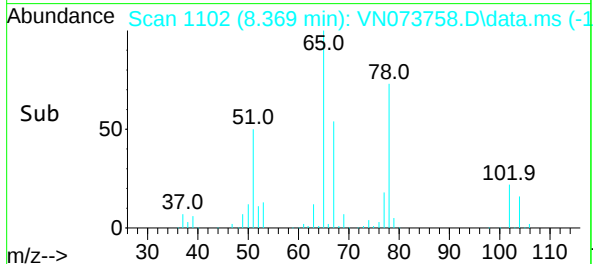
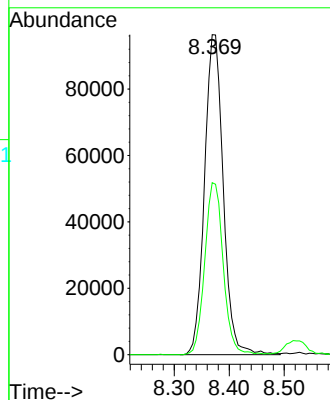
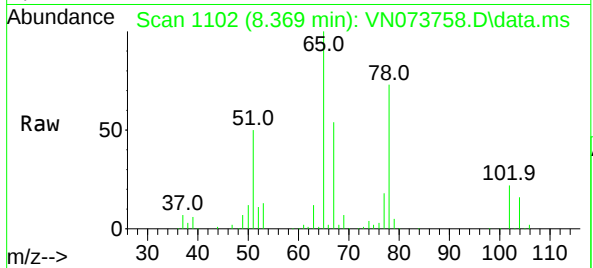
INF0822DL

Tgt Ion: 65 Resp: 227916

Ion Ratio Lower Upper

65 100

67 53.0 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: VN073758.D

Acq: 05 Aug 2022 13:27

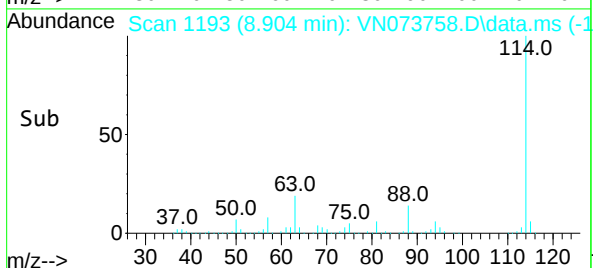
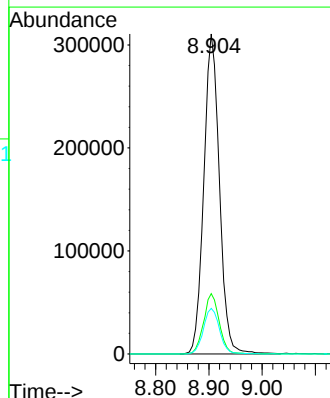
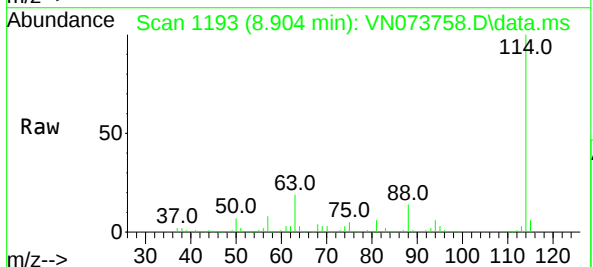
Tgt Ion: 114 Resp: 632168

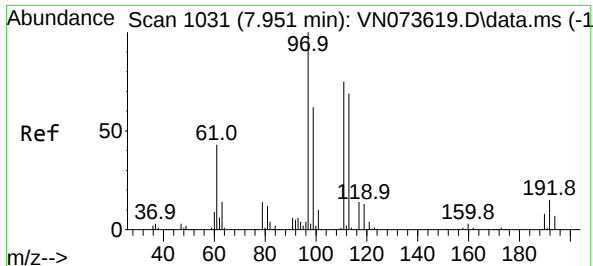
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

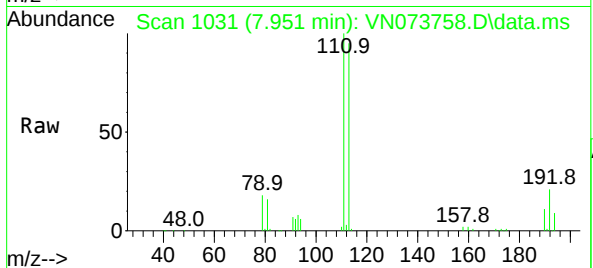
88 14.3 0.0 32.6



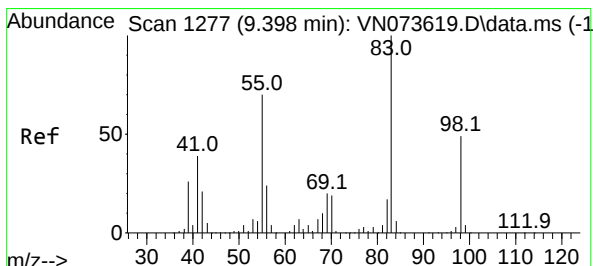
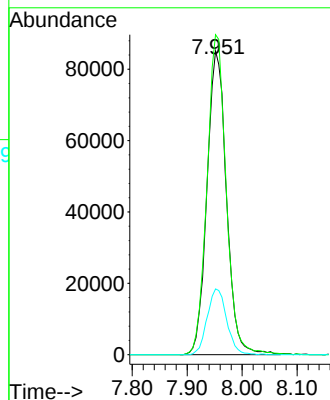
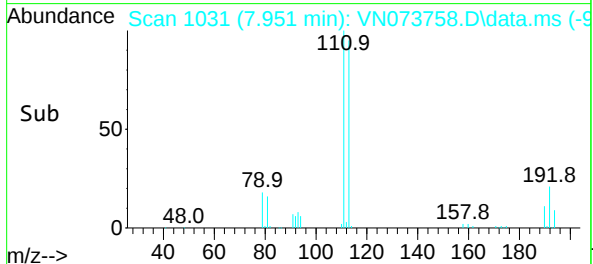


#35
Dibromofluoromethane
Concen: 52.885 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
INF0822DL

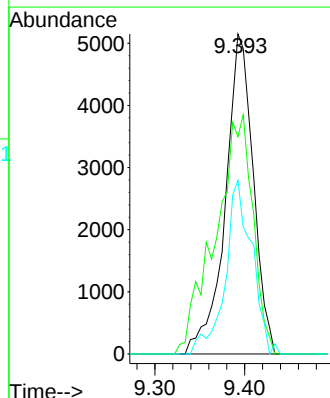
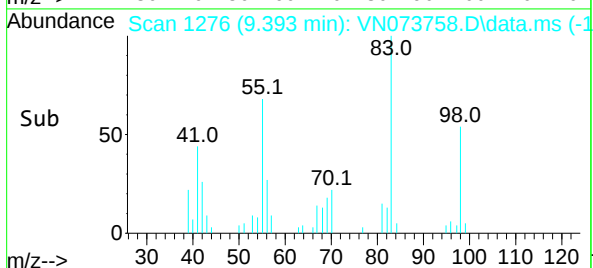
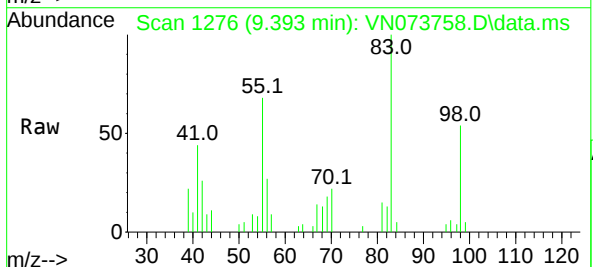


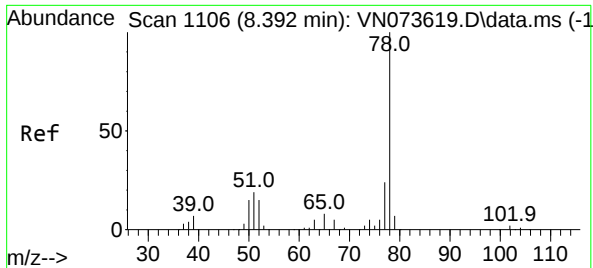
Tgt Ion:113 Resp: 209935
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 21.6 17.0 25.6



#39
Methylcyclohexane
Concen: 1.644 ug/l
RT: 9.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Tgt Ion: 83 Resp: 11112
Ion Ratio Lower Upper
83 100
55 67.9 57.8 86.8
98 54.2 39.4 59.2

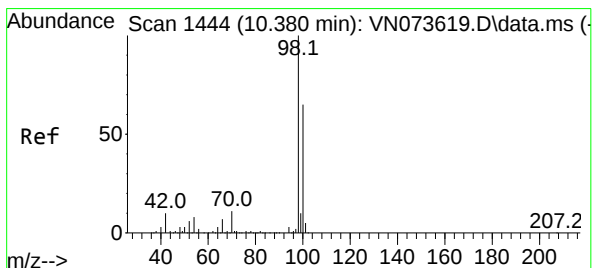
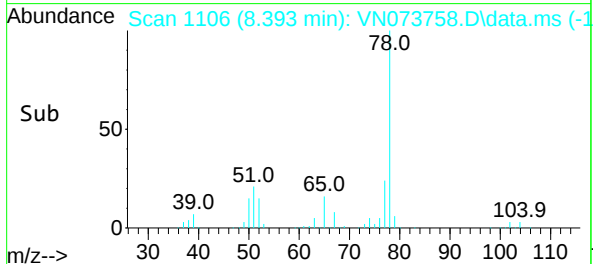
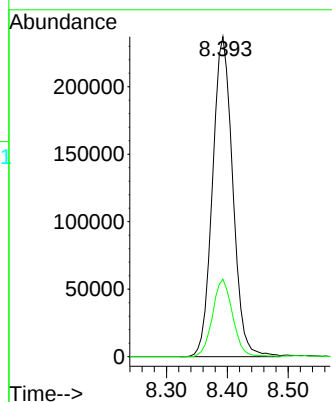
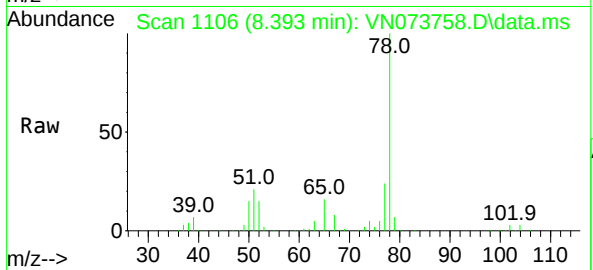




#40
Benzene
Concen: 29.737 ug/l
RT: 8.393 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

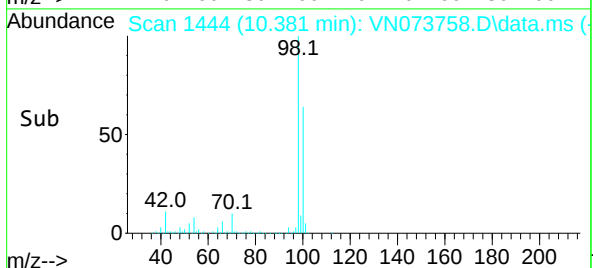
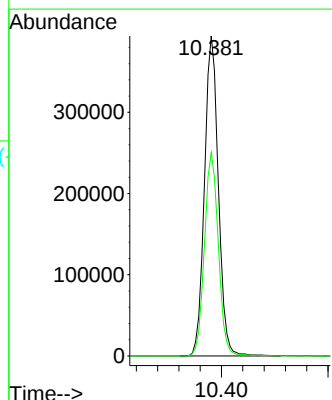
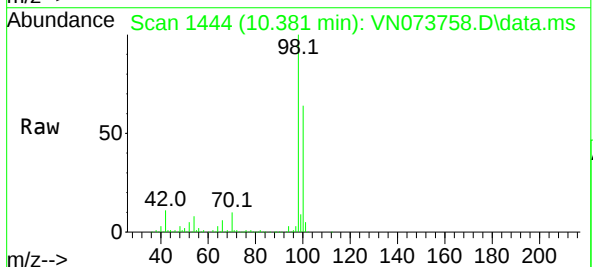
Instrument :
MSVOA_N
ClientSampleId :
INF0822DL

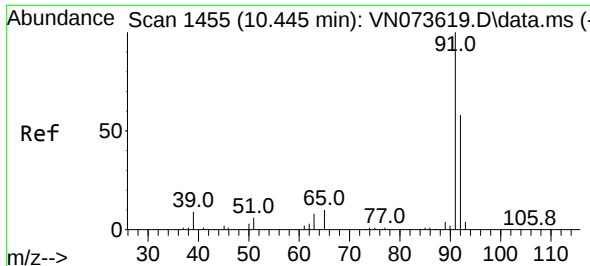
Tgt Ion: 78 Resp: 546324
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0



#50
Toluene-d8
Concen: 45.611 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Tgt Ion: 98 Resp: 712481
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8

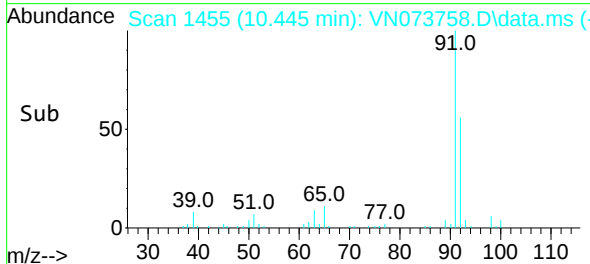
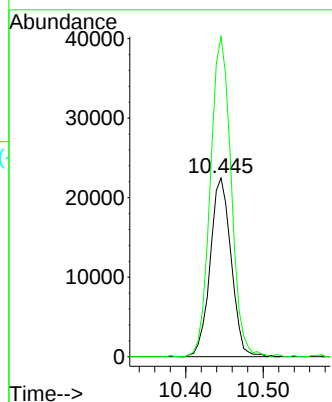
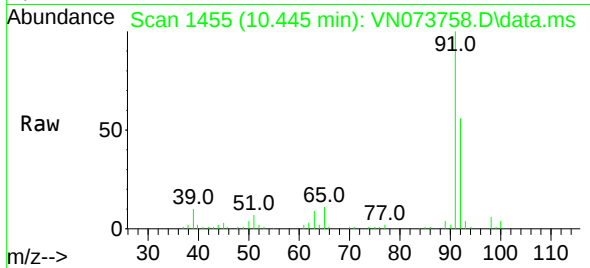




#52
Toluene
Concen: 3.754 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

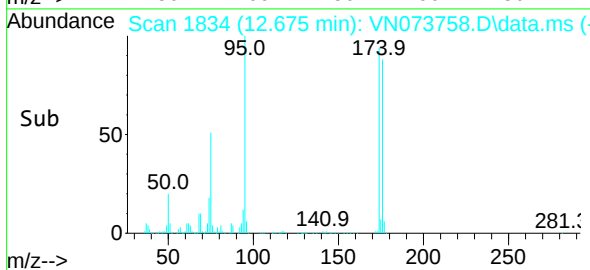
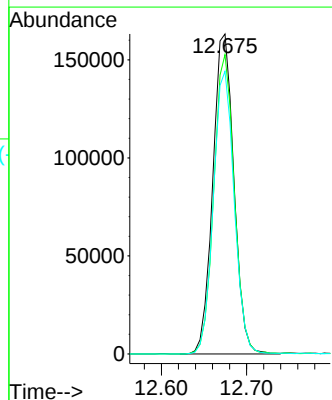
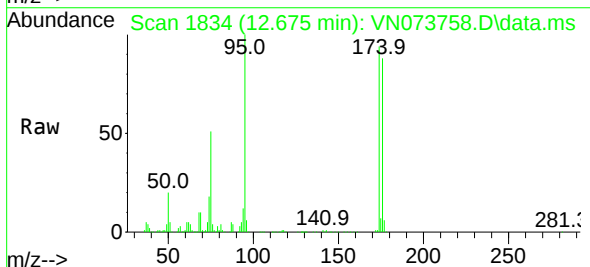
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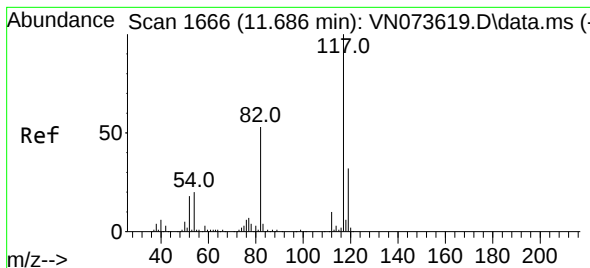
Tgt Ion: 92 Resp: 42125
Ion Ratio Lower Upper
92 100
91 177.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.174 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Tgt Ion: 95 Resp: 280927
Ion Ratio Lower Upper
95 100
174 90.9 0.0 167.6
176 87.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.687 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073758.D

Acq: 05 Aug 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

INF0822DL

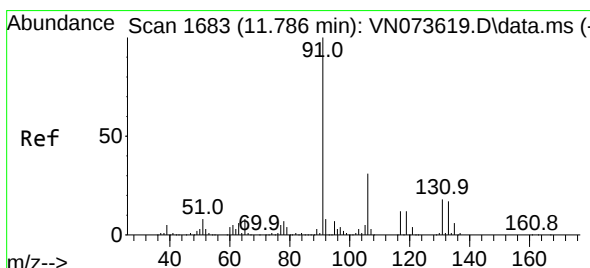
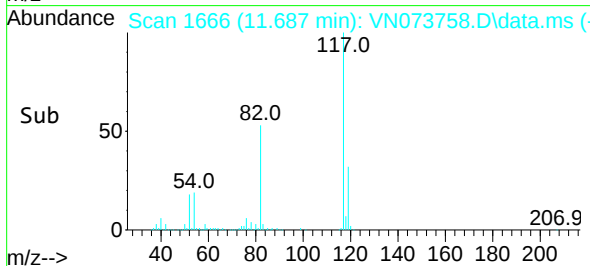
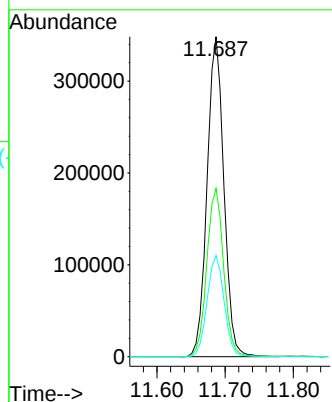
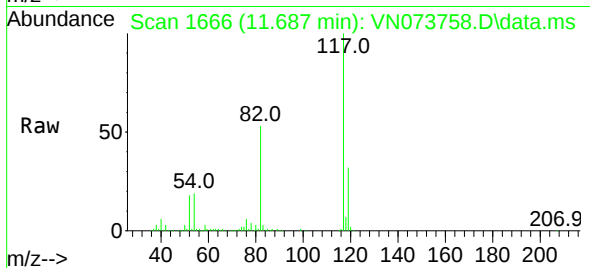
Tgt Ion:117 Resp: 596051

Ion Ratio Lower Upper

117 100

82 52.6 44.2 66.2

119 31.6 25.4 38.0



#67

Ethyl Benzene

Concen: 16.320 ug/l

RT: 11.787 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VN073758.D

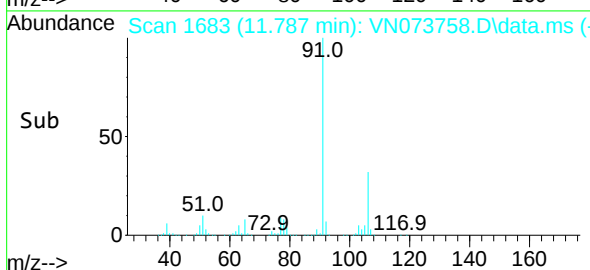
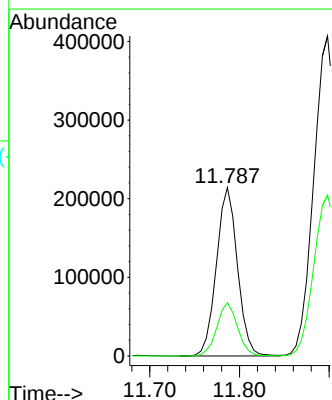
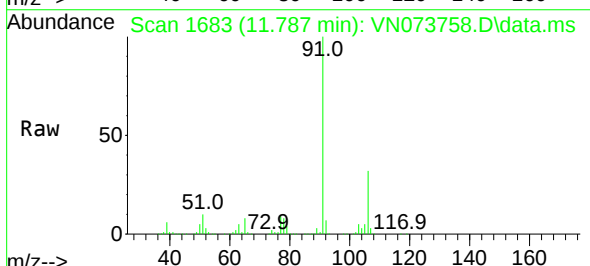
Acq: 05 Aug 2022 13:27

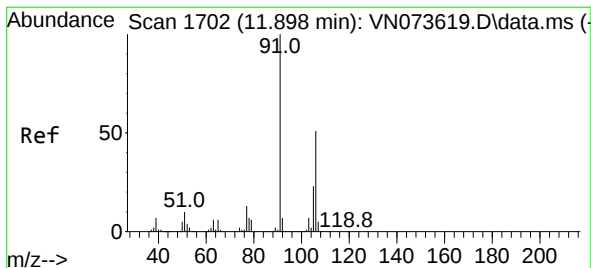
Tgt Ion: 91 Resp: 348590

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3

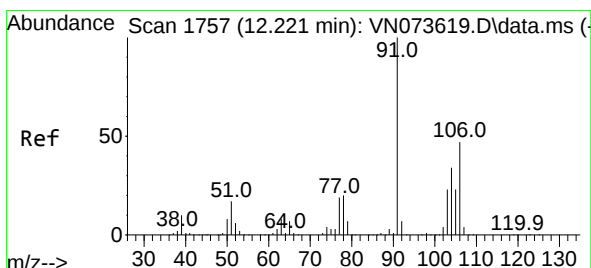
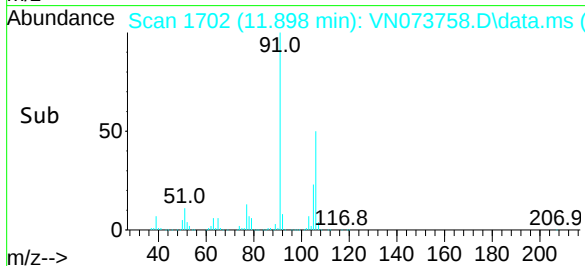
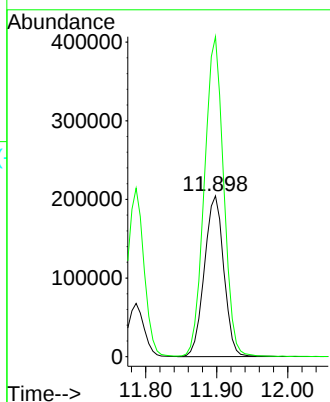
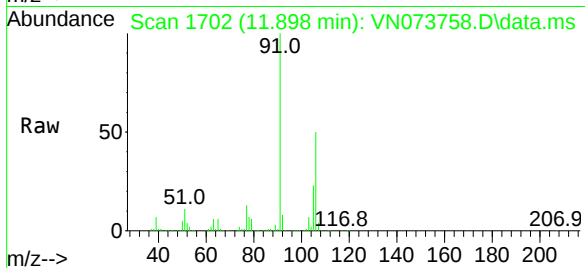




#68
m/p-Xylenes
Concen: 47.688 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

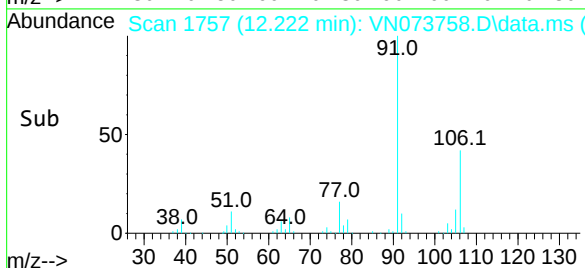
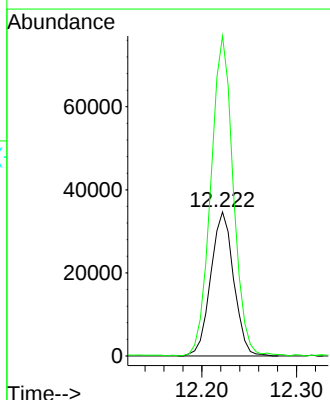
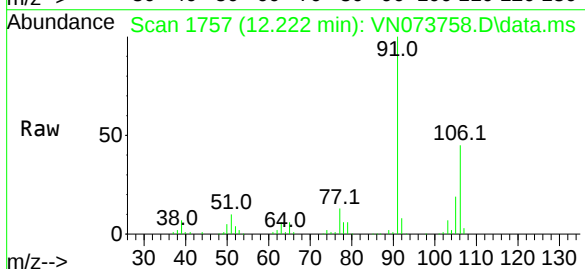
Instrument :
MSVOA_N
ClientSampleId :
INF0822DL

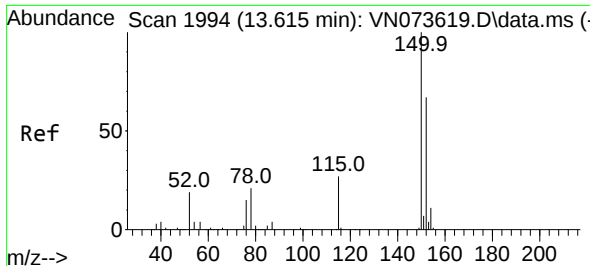
Tgt Ion:106 Resp: 388480
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3



#69
o-Xylene
Concen: 7.342 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Tgt Ion:106 Resp: 58311
Ion Ratio Lower Upper
106 100
91 217.7 106.0 318.0

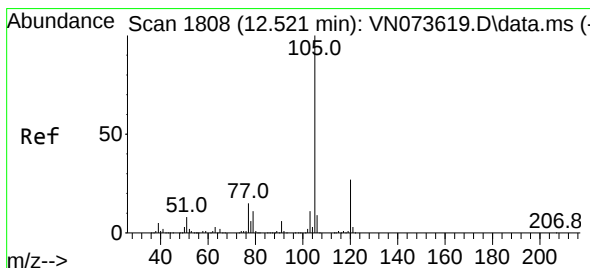
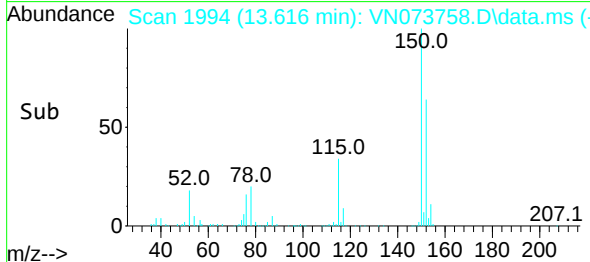
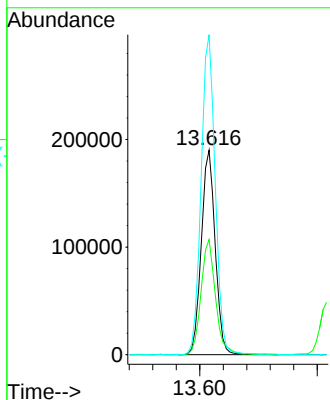
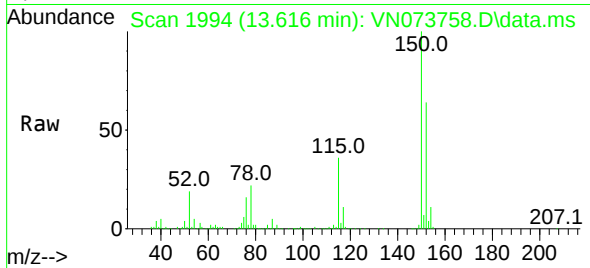




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

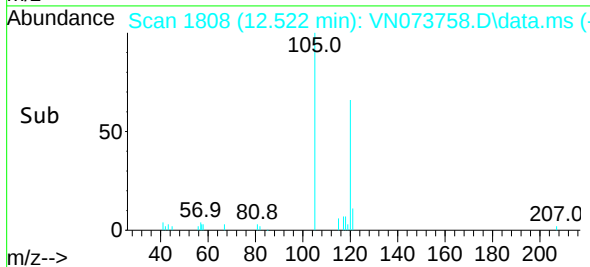
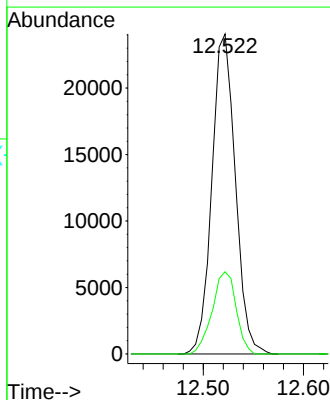
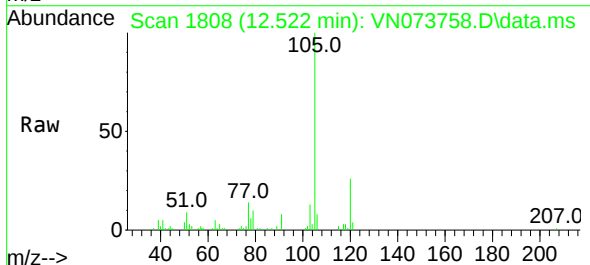
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MSVOA_N
ClientSampleId :
INF0822DL

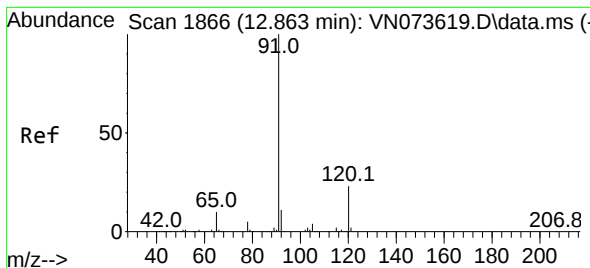
Tgt Ion:152 Resp: 312549
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 158.1 0.0 356.2



#73
Isopropylbenzene
Concen: 1.710 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073758.D
Acq: 05 Aug 2022 13:27

Tgt Ion:105 Resp: 39118
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4





#78

n-propylbenzene

Concen: 3.084 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073758.D

Acq: 05 Aug 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

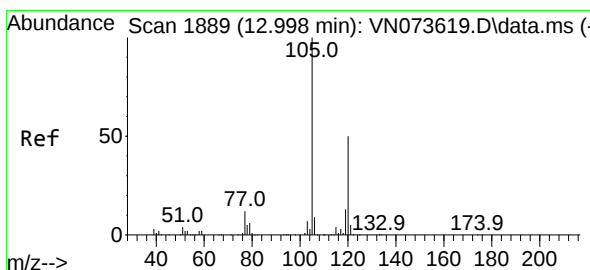
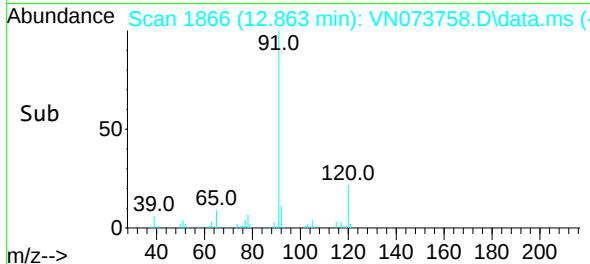
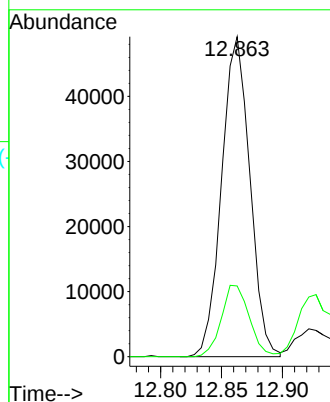
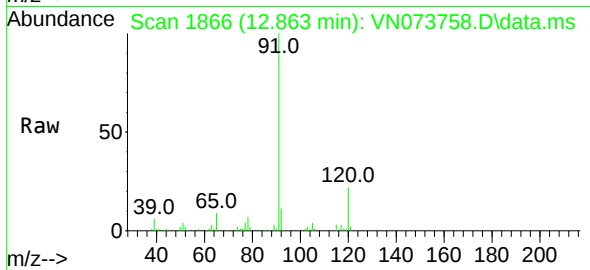
INF0822DL

Tgt Ion: 91 Resp: 79405

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 3.302 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073758.D

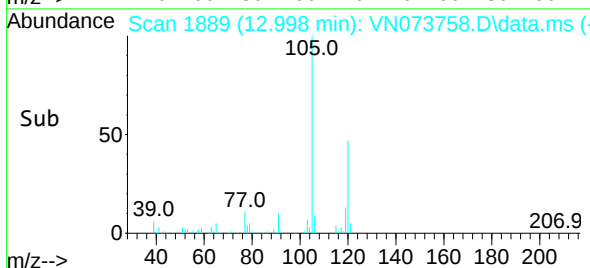
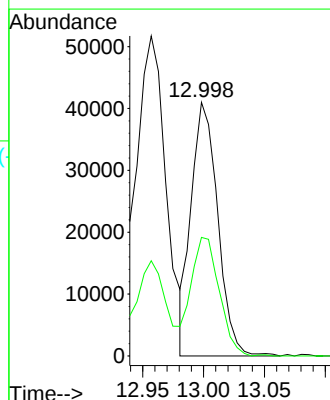
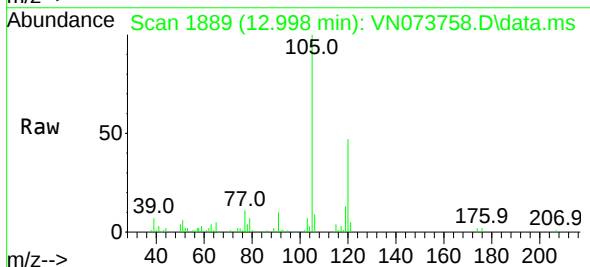
Acq: 05 Aug 2022 13:27

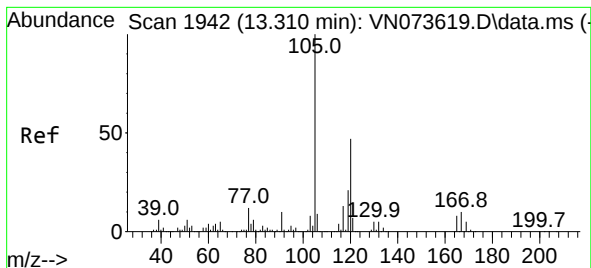
Tgt Ion: 105 Resp: 62162

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 15.982 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073758.D

Acq: 05 Aug 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

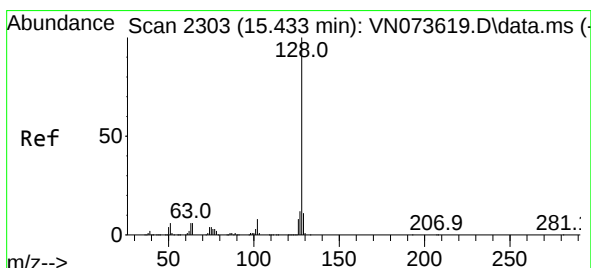
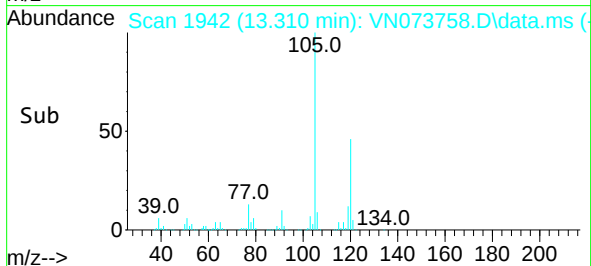
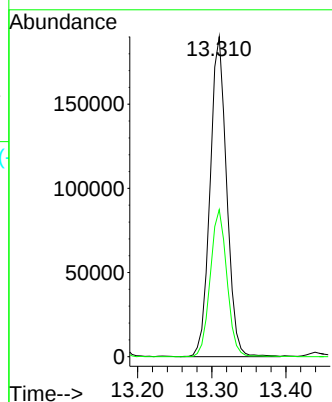
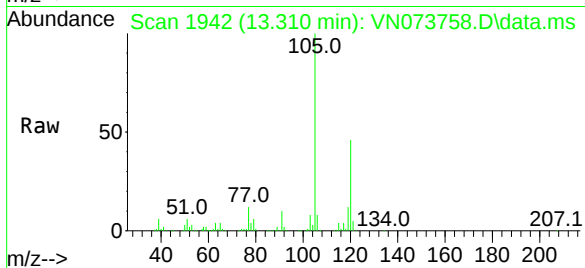
INF0822DL

Tgt Ion:105 Resp: 295883

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#95

Naphthalene

Concen: 5.705 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN073758.D

Acq: 05 Aug 2022 13:27

Tgt Ion:128 Resp: 101321

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.4 8.6 13.0

