

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073709.D
 Acq On : 03 Aug 2022 14:11
 Operator : JC\MD
 Sample : N3971-10 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Aug 04 05:33:45 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)

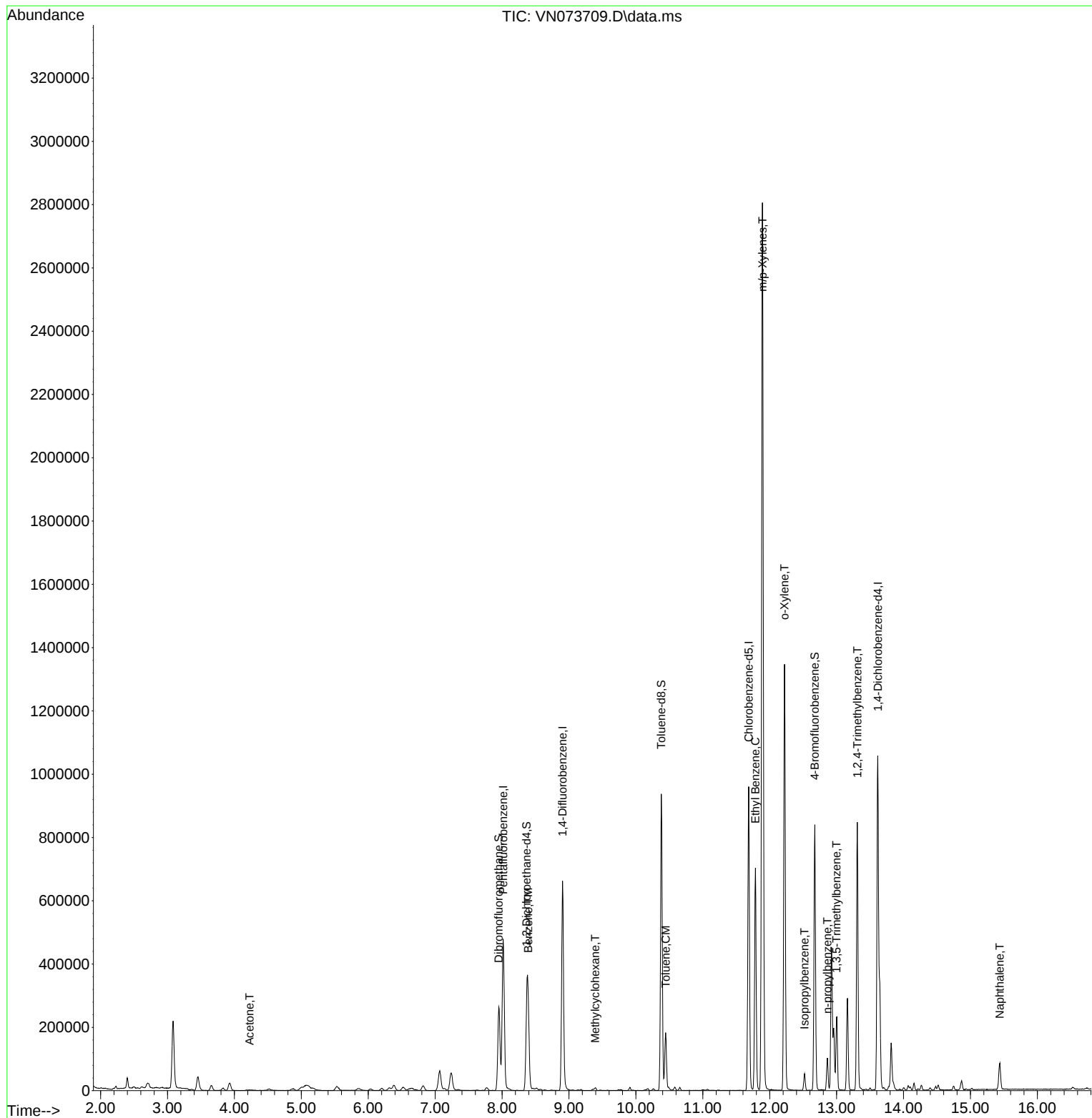
Internal Standards						
1) Pentafluorobenzene	8.016	168	364472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	584838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	559039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	303683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213992	48.178	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.360%		
35) Dibromofluoromethane	7.951	113	195714	53.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.580%		
50) Toluene-d8	10.380	98	652751	45.169	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.340%		
62) 4-Bromofluorobenzene	12.674	95	264613	53.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.940%		
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	4897	2.053	ug/l	92
39) Methylcyclohexane	9.392	83	3086	0.493	ug/l #	87
40) Benzene	8.392	78	208584	12.272	ug/l	99
52) Toluene	10.445	92	78089	7.522	ug/l	97
67) Ethyl Benzene	11.786	91	504211	25.169	ug/l	99
68) m/p-Xylenes	11.892	106	914371	119.674	ug/l	100
69) o-Xylene	12.222	106	368280	49.440	ug/l	98
73) Isopropylbenzene	12.521	105	32221	1.449	ug/l	98
78) n-propylbenzene	12.863	91	79351	3.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	125214	6.844	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	470530	26.157	ug/l	99
95) Naphthalene	15.439	128	81894	4.746	ug/l	99

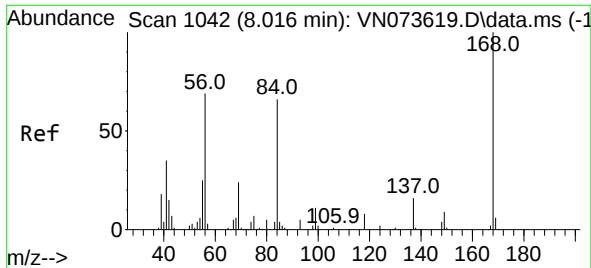
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
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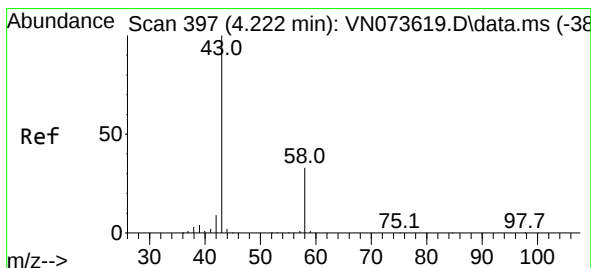
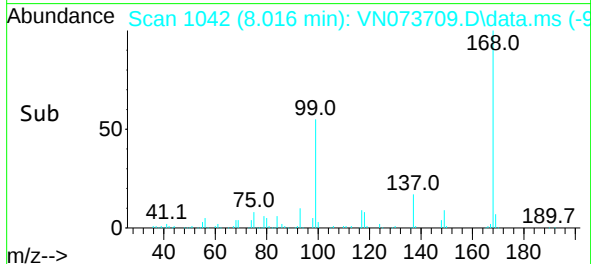
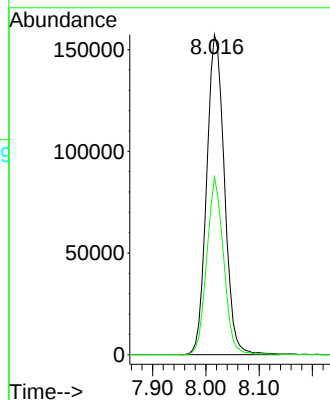
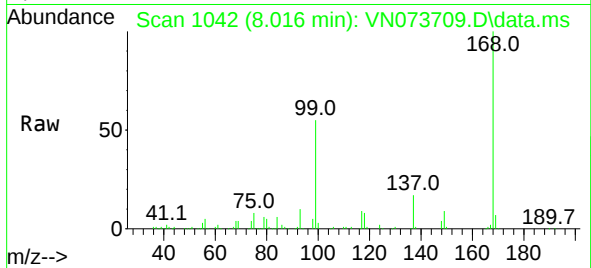




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

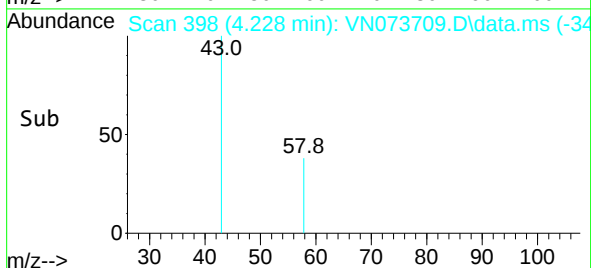
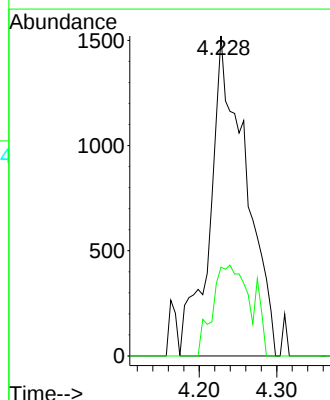
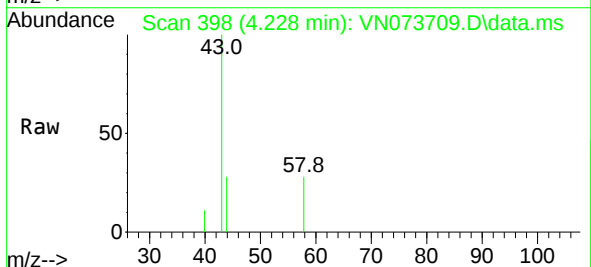
Instrument :
MSVOA_N
ClientSampleId :
MW-14

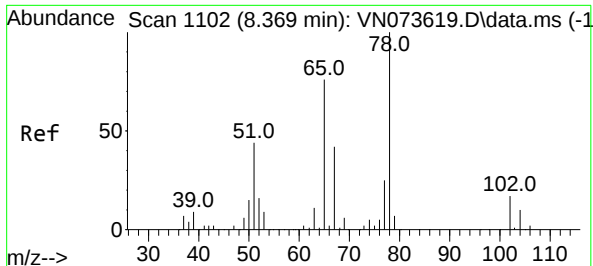
Tgt Ion:168 Resp: 364472
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#16
Acetone
Concen: 2.053 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

Tgt Ion: 43 Resp: 4897
Ion Ratio Lower Upper
43 100
58 27.7 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 48.178 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073709.D

Acq: 03 Aug 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

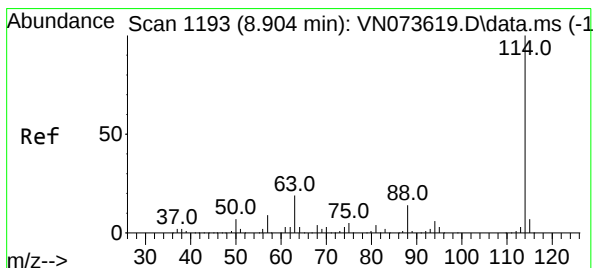
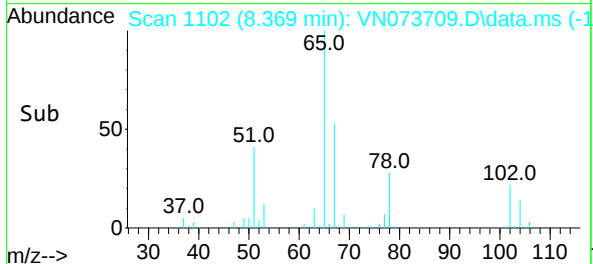
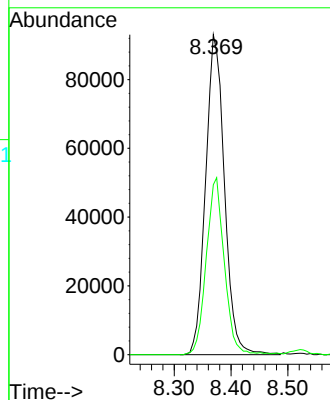
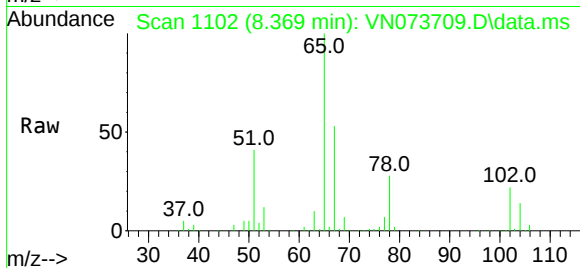
MW-14

Tgt Ion: 65 Resp: 213992

Ion Ratio Lower Upper

65 100

67 52.5 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: VN073709.D

Acq: 03 Aug 2022 14:11

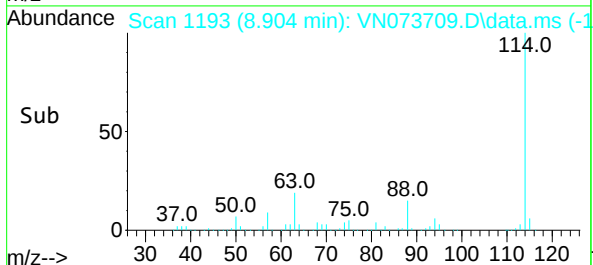
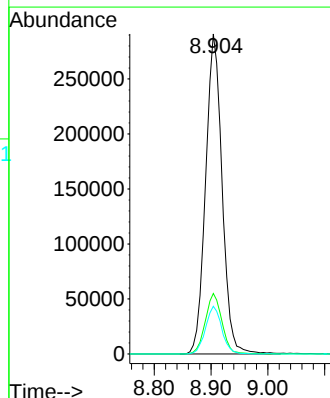
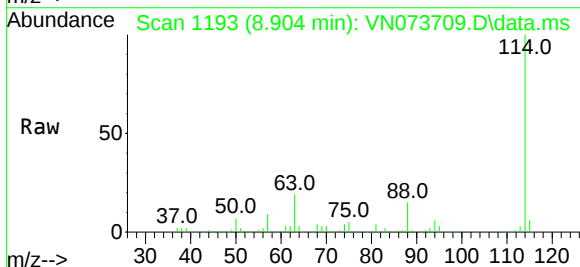
Tgt Ion: 114 Resp: 584838

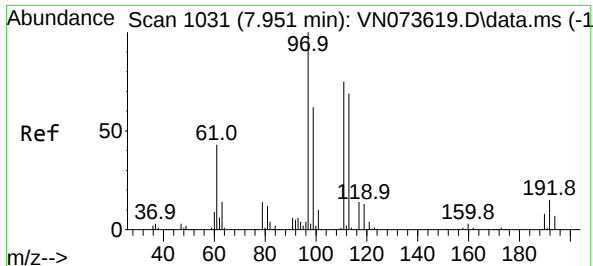
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.293 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073709.D

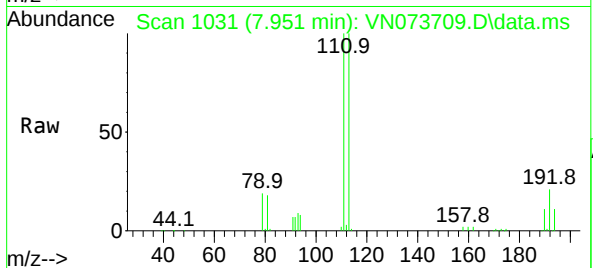
Acq: 03 Aug 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

MW-14



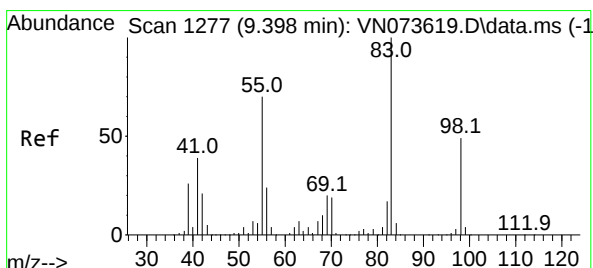
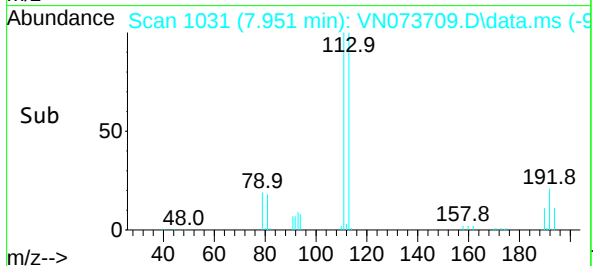
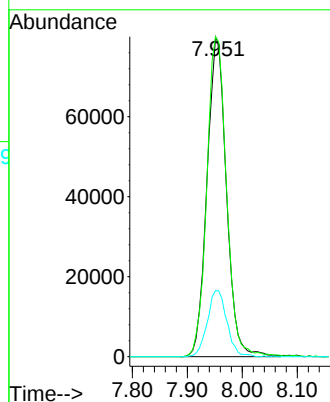
Tgt Ion:113 Resp: 195714

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 20.8 17.0 25.6



#39

Methylcyclohexane

Concen: 0.493 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. -0.006 min

Lab File: VN073709.D

Acq: 03 Aug 2022 14:11

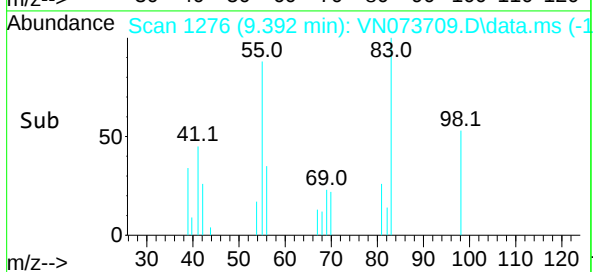
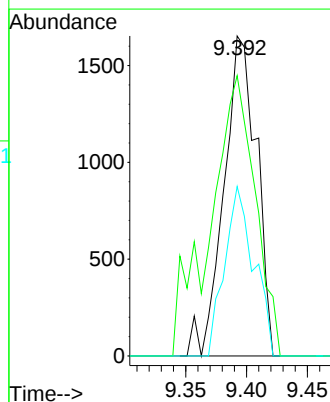
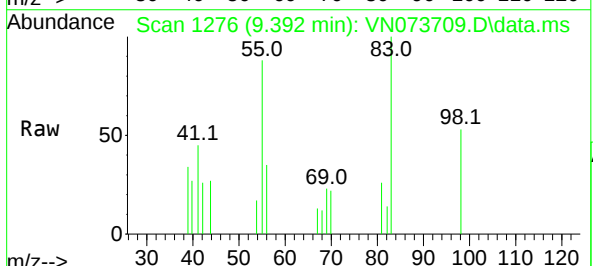
Tgt Ion: 83 Resp: 3086

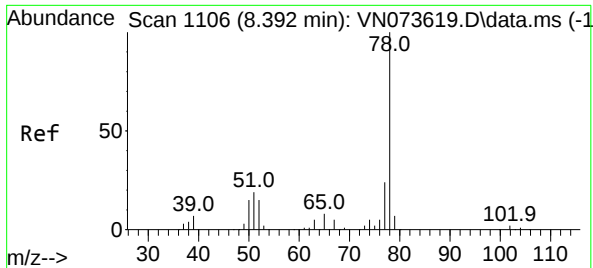
Ion Ratio Lower Upper

83 100

55 87.6 57.8 86.8#

98 52.9 39.4 59.2

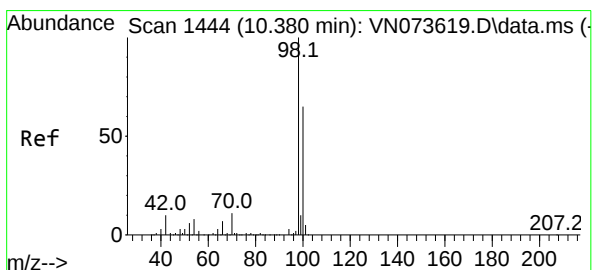
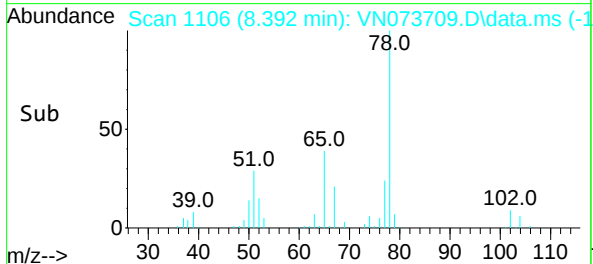
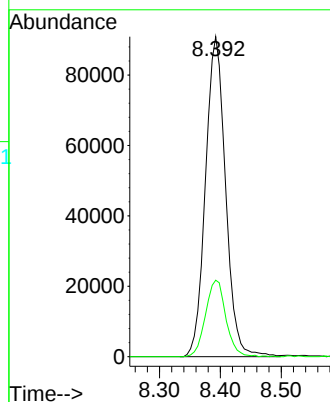
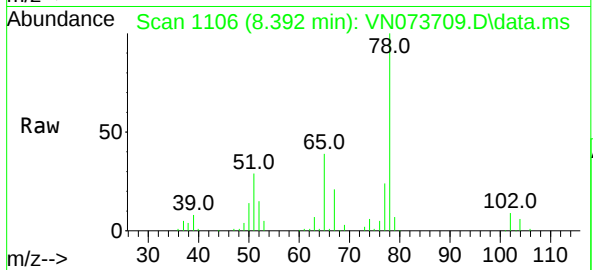




#40
Benzene
Concen: 12.272 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

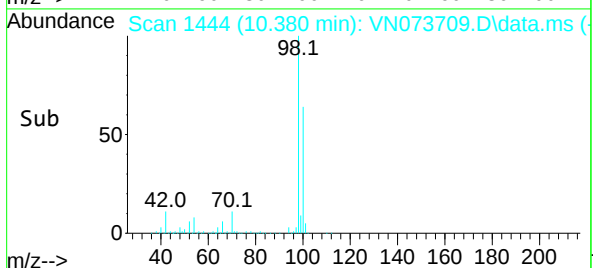
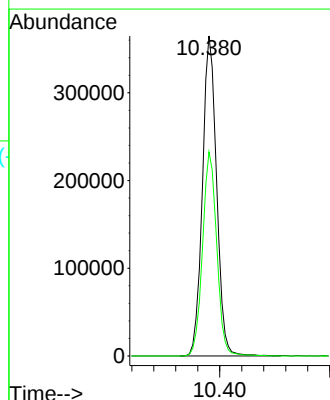
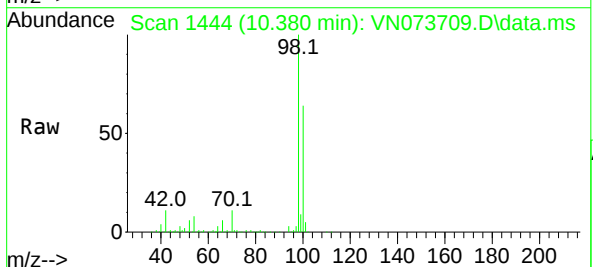
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MW-14

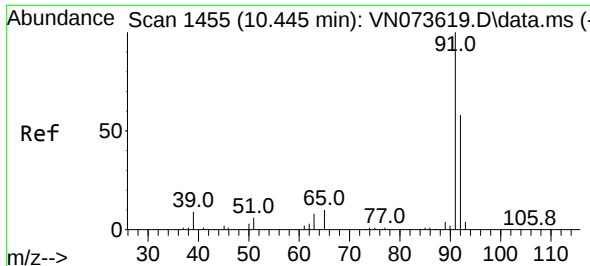
Tgt Ion: 78 Resp: 208584
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



#50
Toluene-d8
Concen: 45.169 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

Tgt Ion: 98 Resp: 652751
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

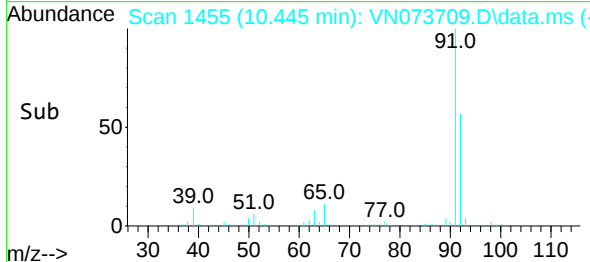
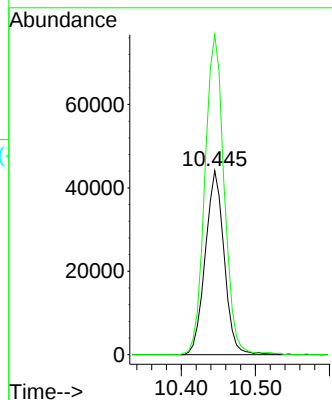
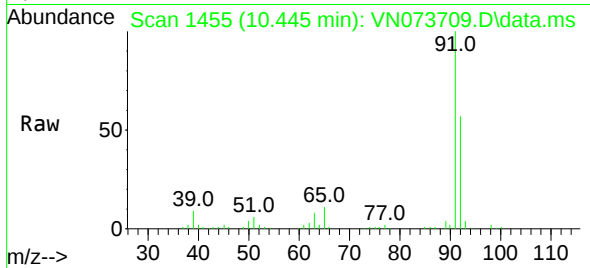




#52
Toluene
Concen: 7.522 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

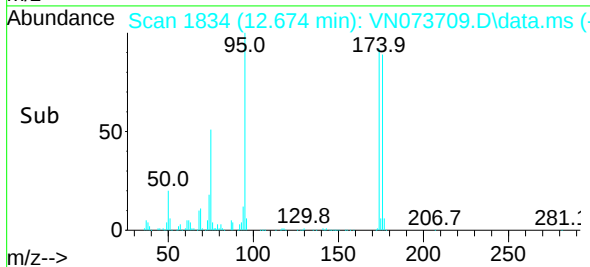
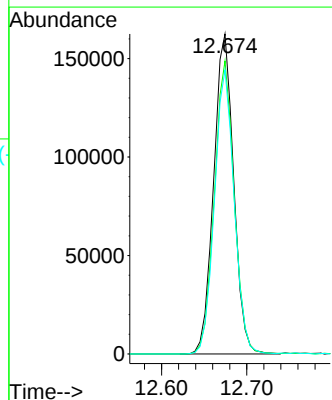
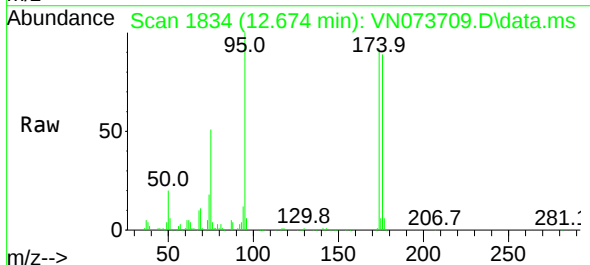
Instrument :
MSVOA_N
ClientSampleId :
MW-14

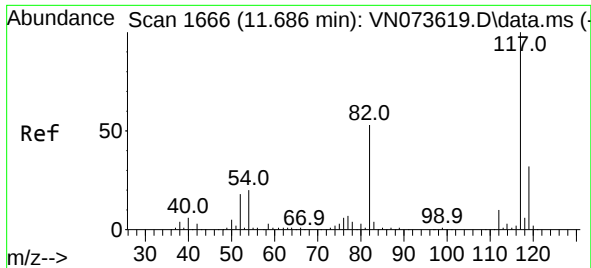
Tgt Ion: 92 Resp: 78089
Ion Ratio Lower Upper
92 100
91 177.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.975 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

Tgt Ion: 95 Resp: 264613
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 87.5 0.0 163.4

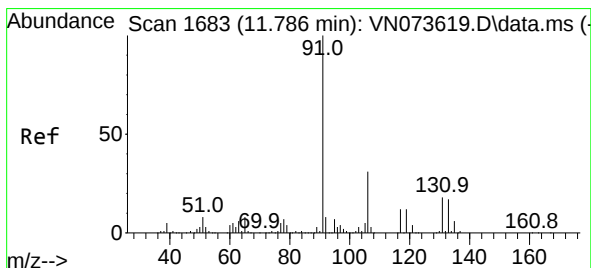
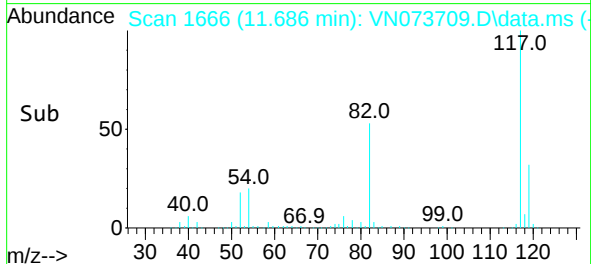
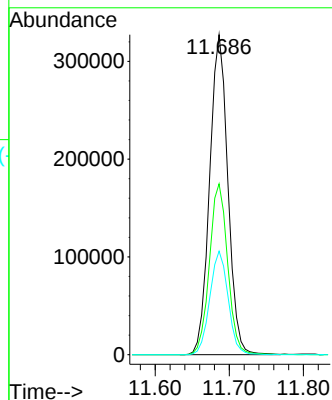
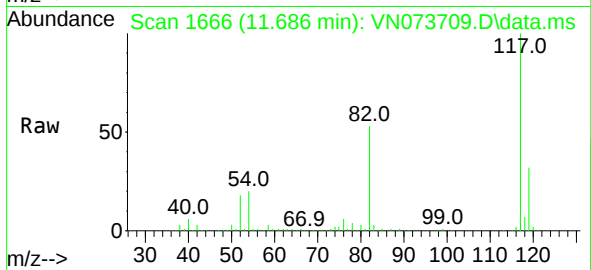




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

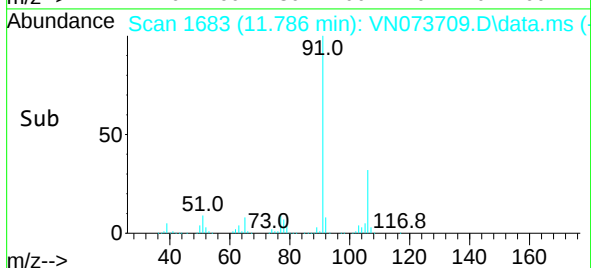
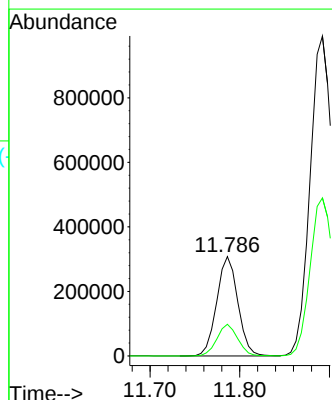
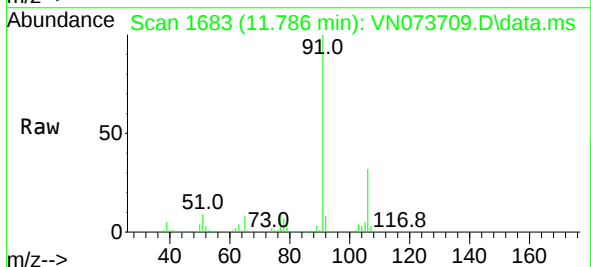
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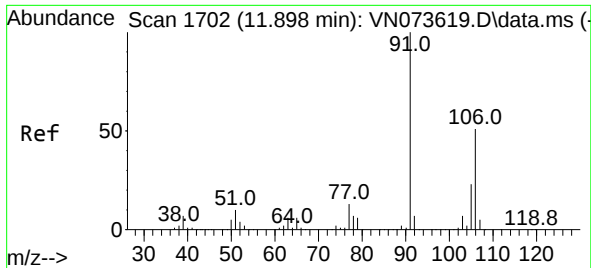
Tgt Ion:117 Resp: 559039
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.3 25.4 38.0



#67
Ethyl Benzene
Concen: 25.169 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

Tgt Ion: 91 Resp: 504211
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

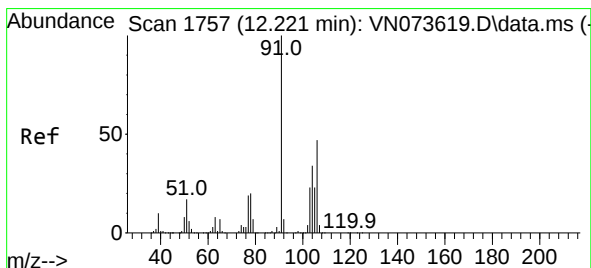
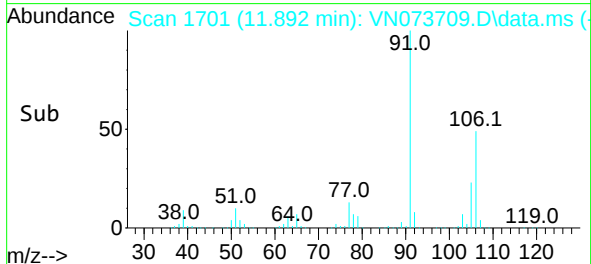
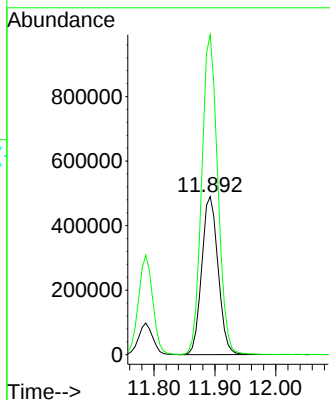
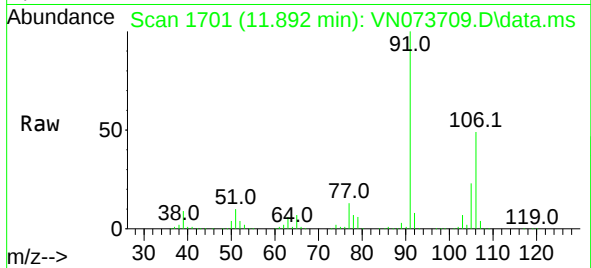




#68
m/p-Xylenes
Concen: 119.674 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

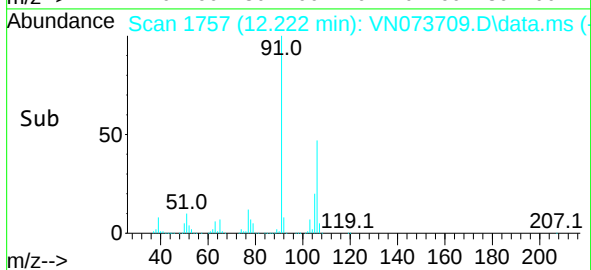
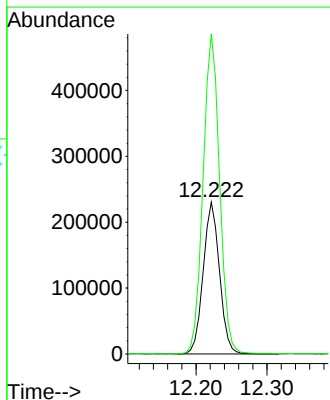
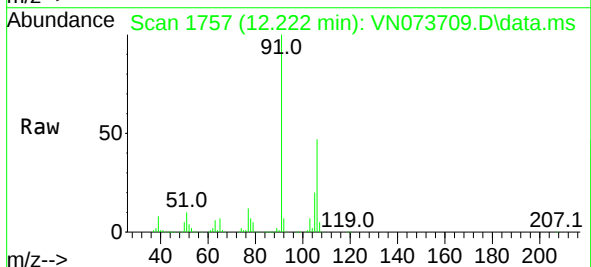
Instrument :
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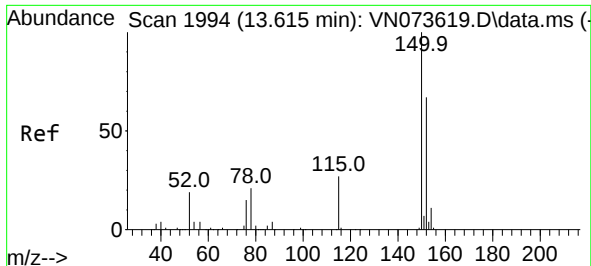
Tgt Ion:106 Resp: 914371
Ion Ratio Lower Upper
106 100
91 198.8 158.9 238.3



#69
o-Xylene
Concen: 49.440 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

Tgt Ion:106 Resp: 368280
Ion Ratio Lower Upper
106 100
91 214.4 106.0 318.0

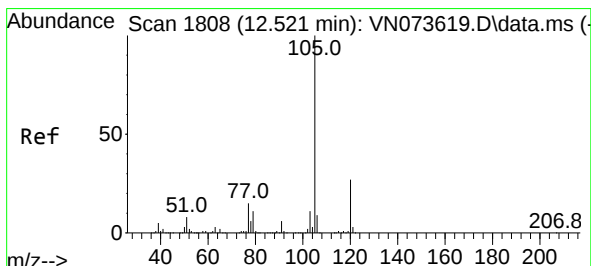
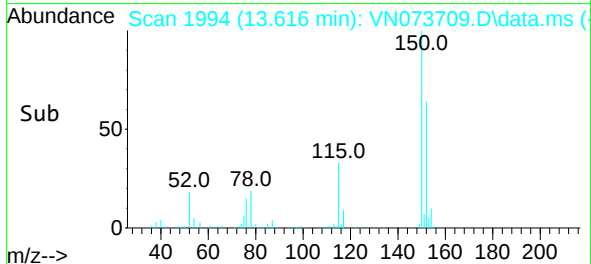
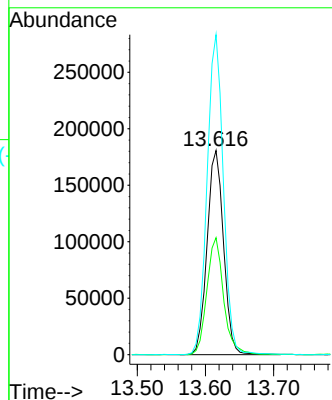
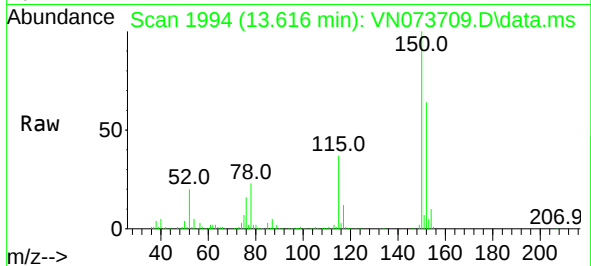




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

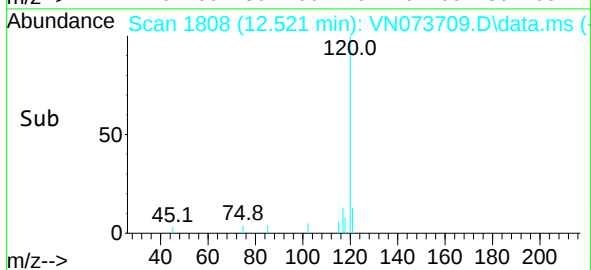
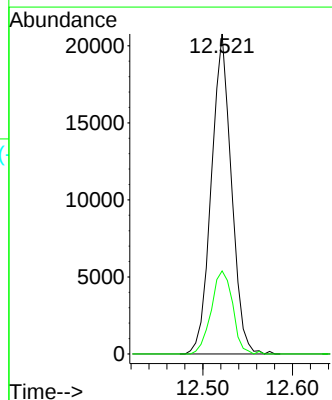
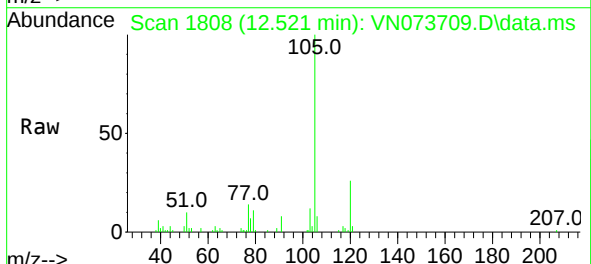
Instrument :
MSVOA_N
ClientSampleId :
MW-14

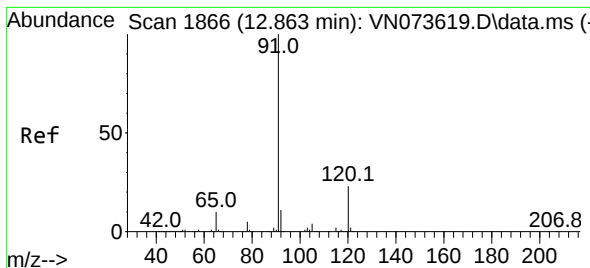
Tgt Ion:152 Resp: 303683
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 154.8 0.0 356.2



#73
Isopropylbenzene
Concen: 1.449 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073709.D
Acq: 03 Aug 2022 14:11

Tgt Ion:105 Resp: 32221
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4





#78

n-propylbenzene

Concen: 3.172 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073709.D

Acq: 03 Aug 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

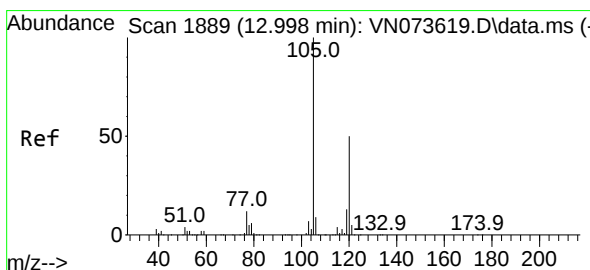
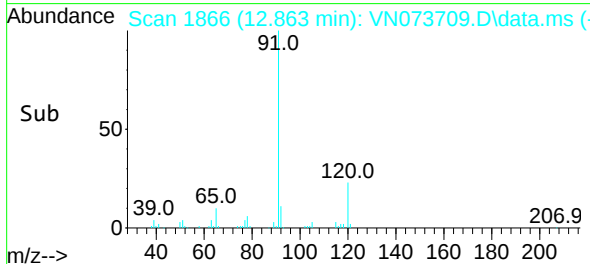
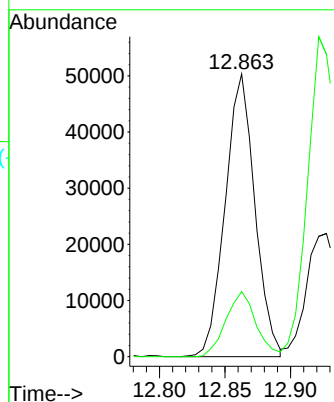
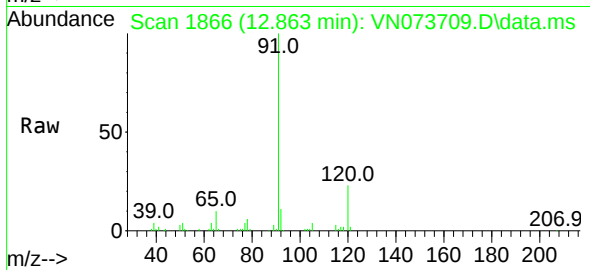
MW-14

Tgt Ion: 91 Resp: 79351

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 6.844 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073709.D

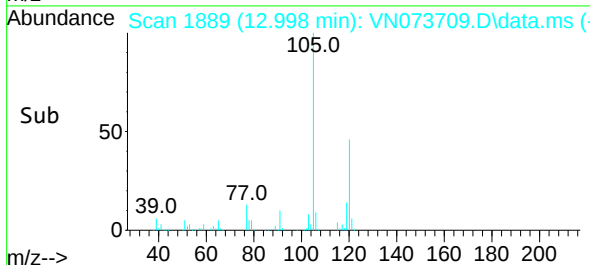
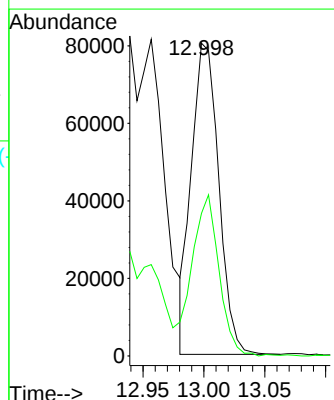
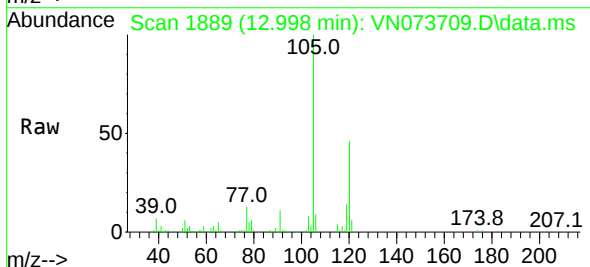
Acq: 03 Aug 2022 14:11

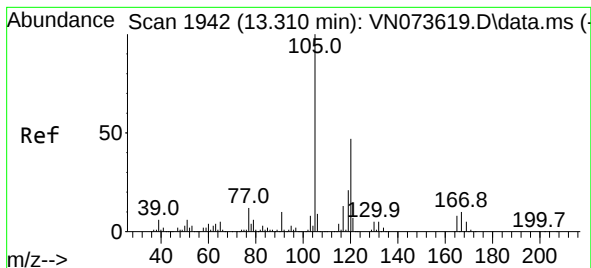
Tgt Ion:105 Resp: 125214

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 26.157 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073709.D

Acq: 03 Aug 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

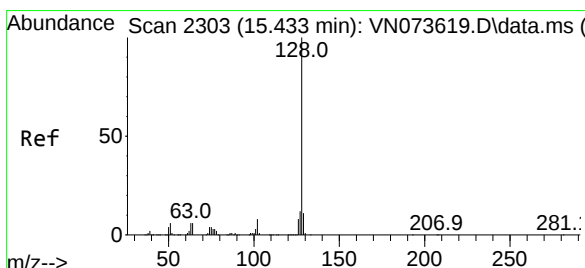
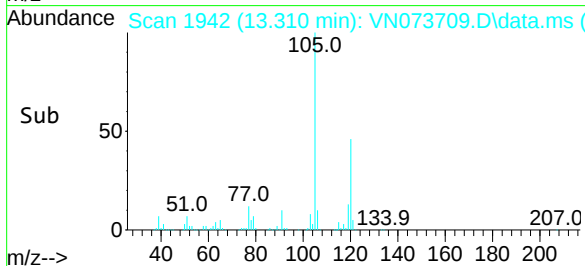
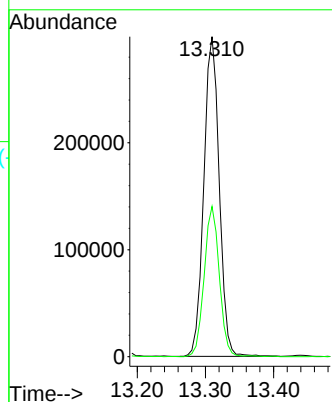
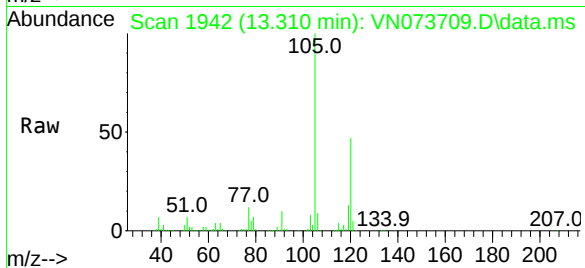
MW-14

Tgt Ion:105 Resp: 470530

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8



#95

Naphthalene

Concen: 4.746 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN073709.D

Acq: 03 Aug 2022 14:11

Tgt Ion:128 Resp: 81894

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.2 8.6 13.0

