

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073710.D
 Acq On : 03 Aug 2022 14:35
 Operator : JC\MD
 Sample : N3971-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23R

Quant Time: Aug 04 05:34:11 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)

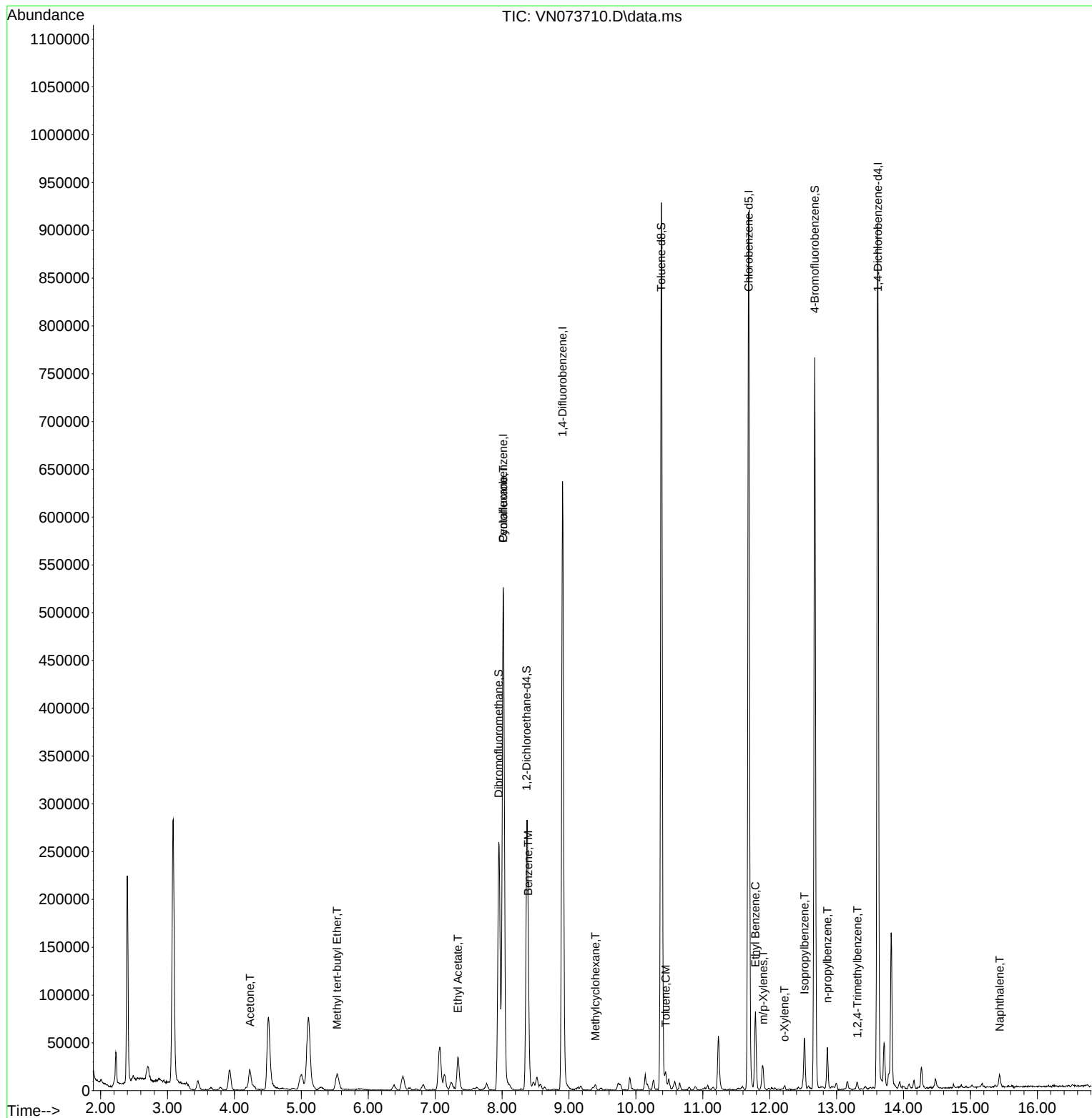
Internal Standards						
1) Pentafluorobenzene	8.016	168	360927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	568506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	546617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	261481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210544	47.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	7.951	113	193580	54.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.460%
50) Toluene-d8	10.380	98	651228	46.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.720%
62) 4-Bromofluorobenzene	12.674	95	247053	52.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	40059	16.956	ug/l	95
19) Methyl tert-butyl Ether	5.534	73	21832	1.866	ug/l #	84
31) Cyclohexane	8.016	56	51189	7.817	ug/l #	91
37) Ethyl Acetate	7.339	43	52733	7.870	ug/l	98
39) Methylcyclohexane	9.398	83	2392	0.393	ug/l	97
40) Benzene	8.392	78	58920	3.566	ug/l	100
52) Toluene	10.445	92	6100	0.604	ug/l	88
67) Ethyl Benzene	11.786	91	56954	2.908	ug/l	96
68) m/p-Xylenes	11.904	106	8823	1.181	ug/l	99
69) o-Xylene	12.221	106	1556	0.214	ug/l	89
73) Isopropylbenzene	12.521	105	33651	1.758	ug/l	99
78) n-propylbenzene	12.863	91	33337	1.548	ug/l	93
84) 1,2,4-Trimethylbenzene	13.310	105	4435	0.286	ug/l	94
95) Naphthalene	15.439	128	12865	0.866	ug/l	99

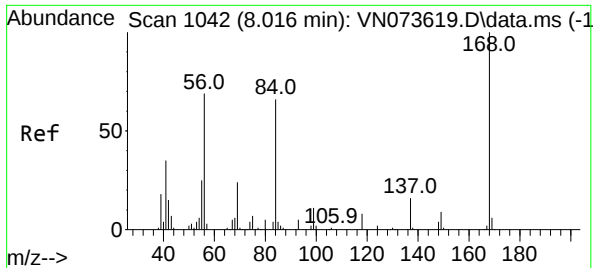
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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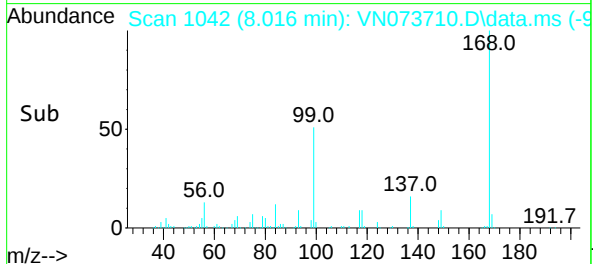
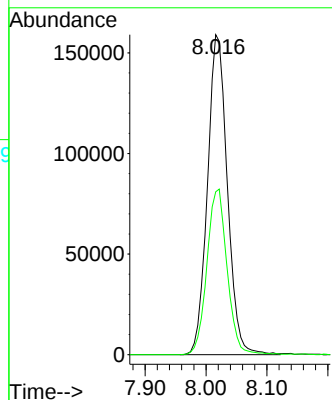
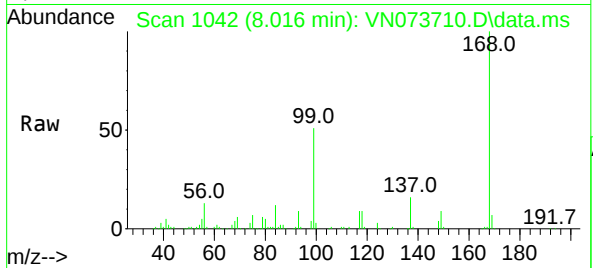




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

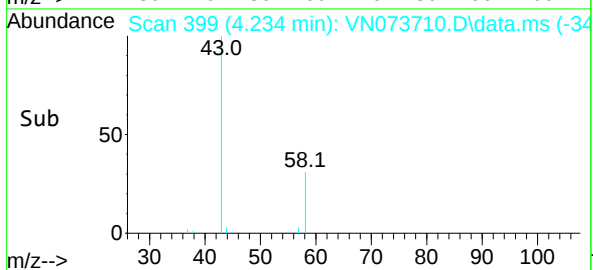
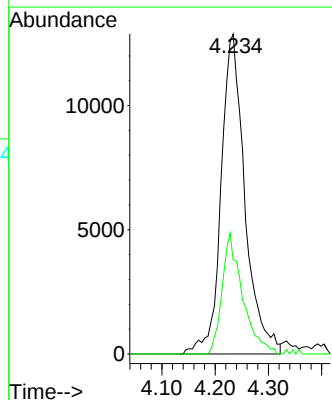
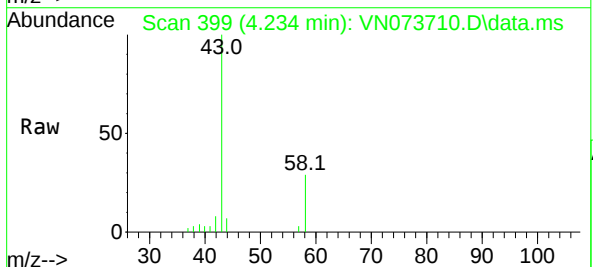
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

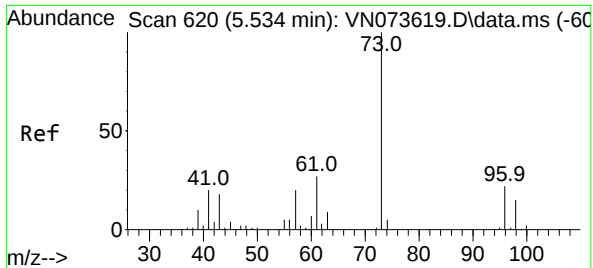
Tgt Ion:168 Resp: 360927
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5



#16
Acetone
Concen: 16.956 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion: 43 Resp: 40059
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0

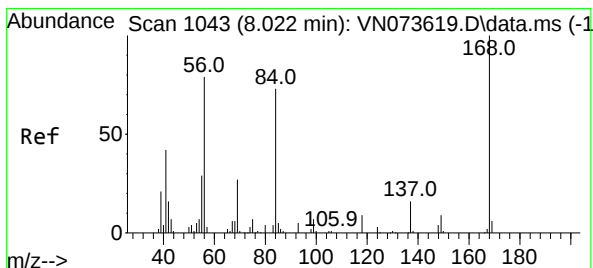
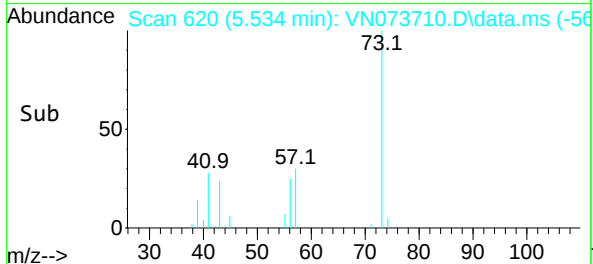
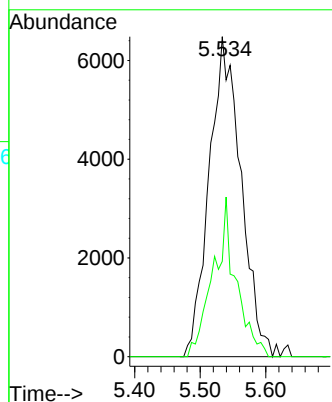
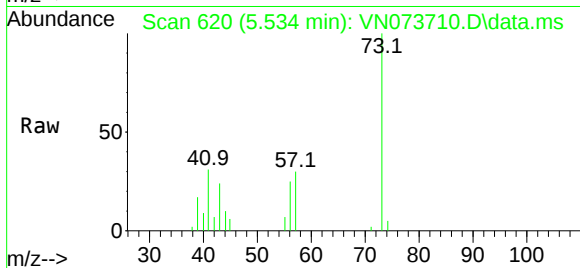




#19
Methyl tert-butyl Ether
Concen: 1.866 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

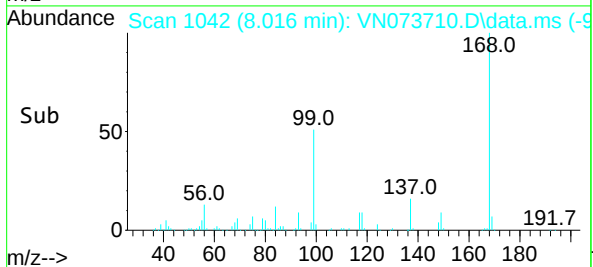
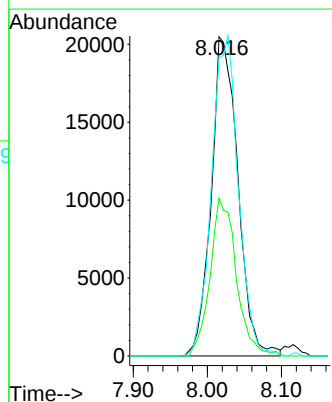
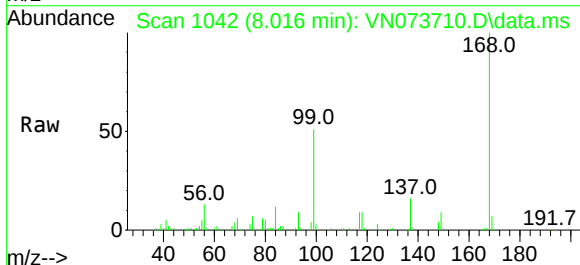
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

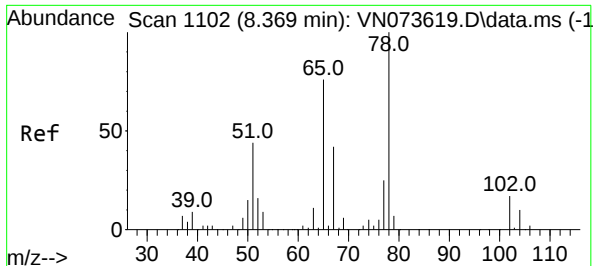
Tgt Ion: 73 Resp: 21832
Ion Ratio Lower Upper
73 100
57 29.8 17.6 26.4#



#31
Cyclohexane
Concen: 7.817 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion: 56 Resp: 51189
Ion Ratio Lower Upper
56 100
69 49.5 27.8 41.8#
84 93.5 76.9 115.3

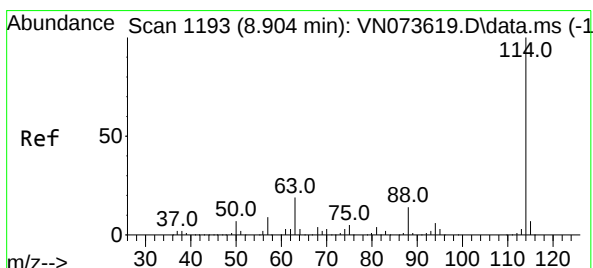
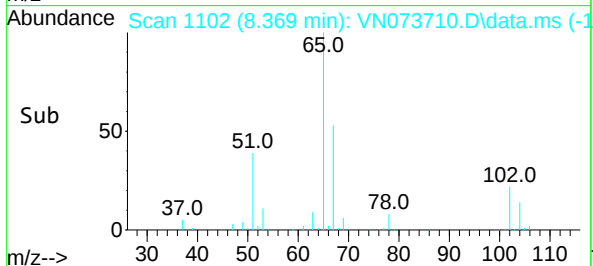
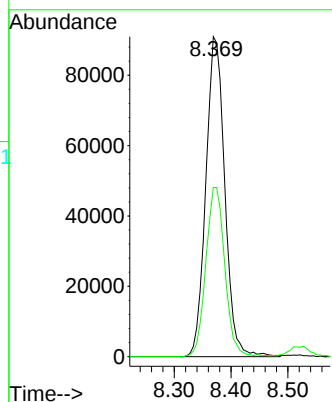
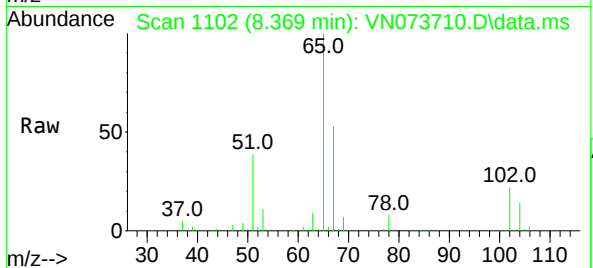




#33
1,2-Dichloroethane-d4
Concen: 47.867 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

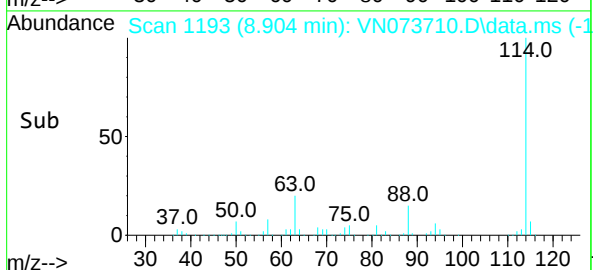
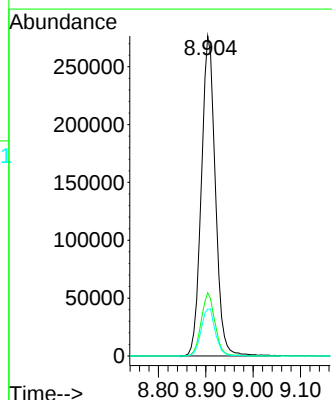
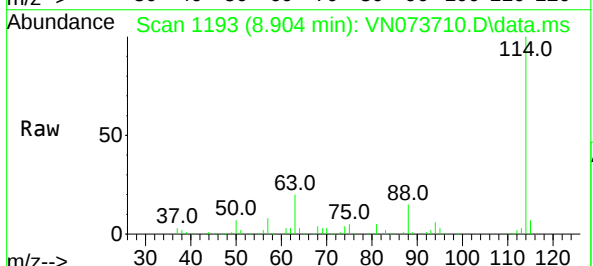
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

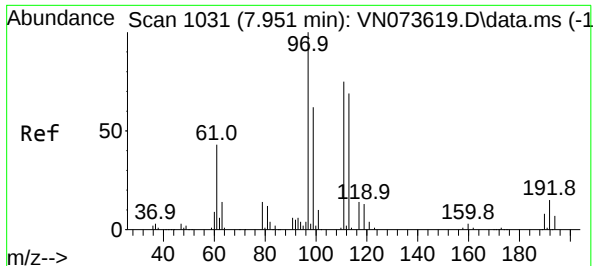
Tgt Ion: 65 Resp: 210544
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion: 114 Resp: 568506
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.226 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073710.D

Acq: 03 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

MW-23R

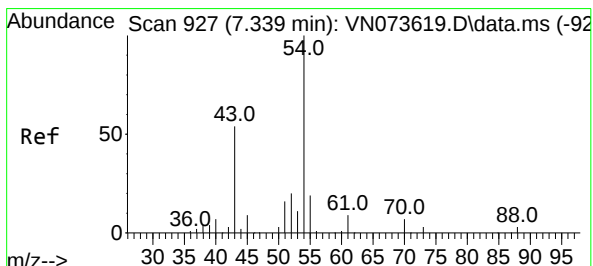
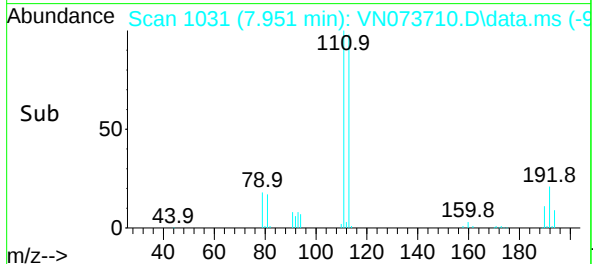
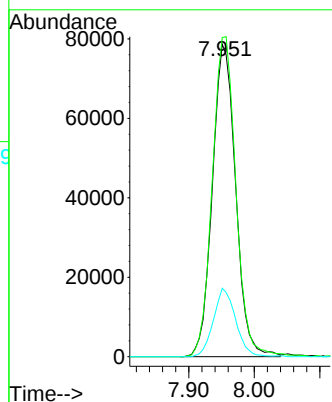
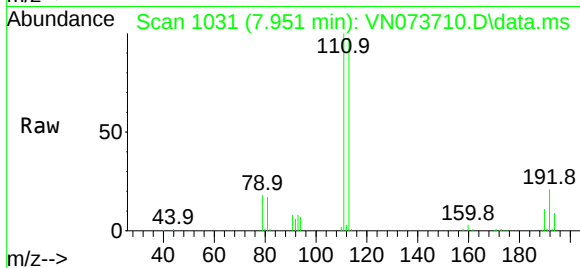
Tgt Ion:113 Resp: 193580

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 20.9 17.0 25.6



#37

Ethyl Acetate

Concen: 7.870 ug/l

RT: 7.339 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073710.D

Acq: 03 Aug 2022 14:35

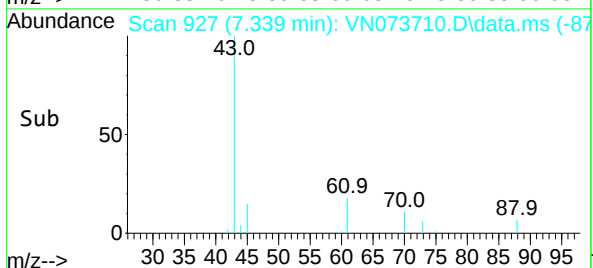
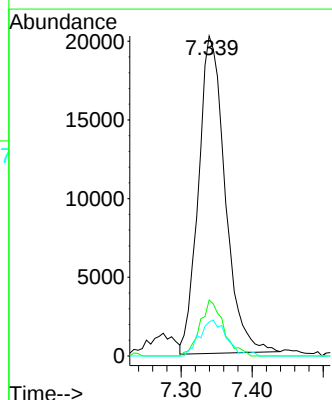
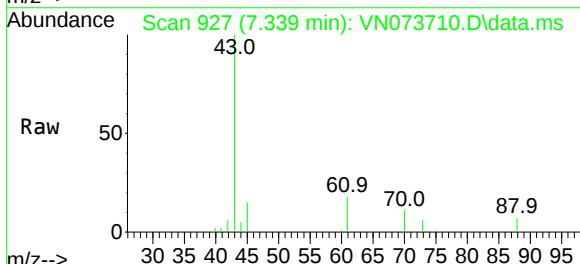
Tgt Ion: 43 Resp: 52733

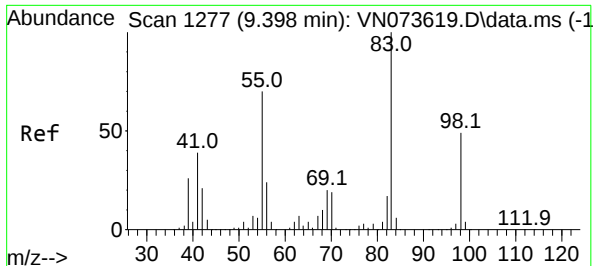
Ion Ratio Lower Upper

43 100

61 15.5 11.8 17.6

70 11.0 9.3 13.9





#39

Methylcyclohexane

Concen: 0.393 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073710.D

Acq: 03 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

MW-23R

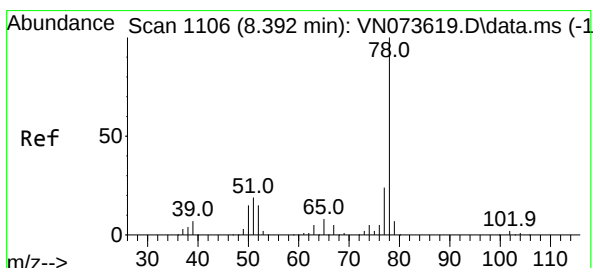
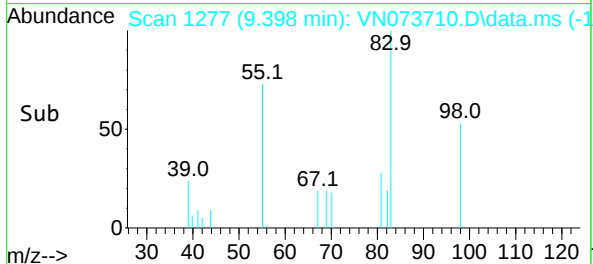
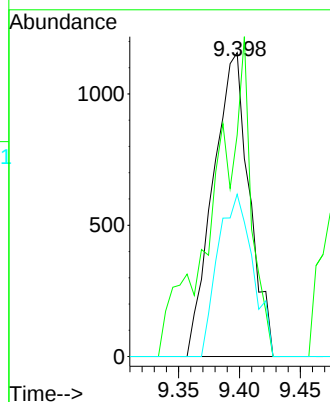
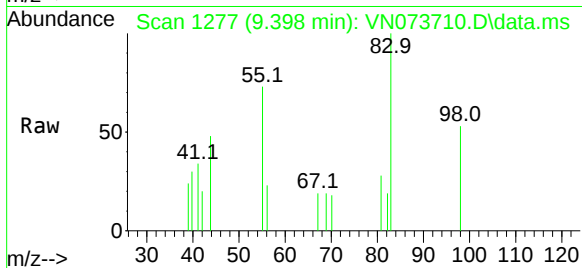
Tgt Ion: 83 Resp: 2392

Ion Ratio Lower Upper

83 100

55 72.9 57.8 86.8

98 53.4 39.4 59.2



#40

Benzene

Concen: 3.566 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073710.D

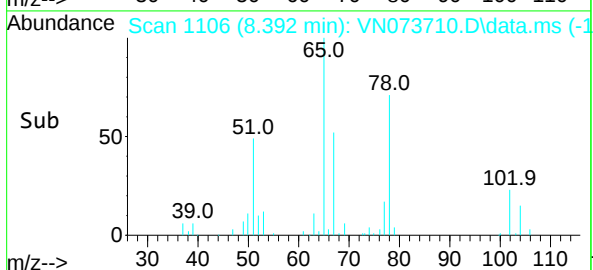
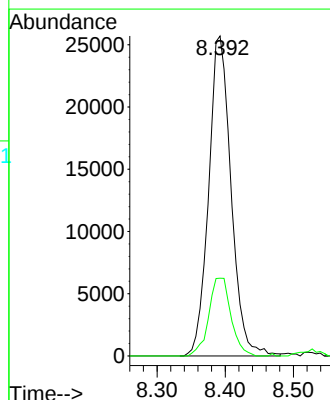
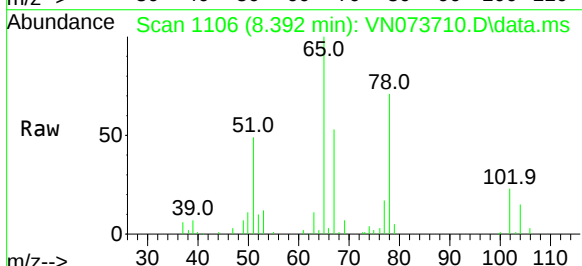
Acq: 03 Aug 2022 14:35

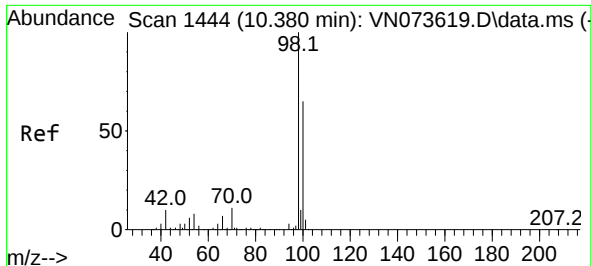
Tgt Ion: 78 Resp: 58920

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

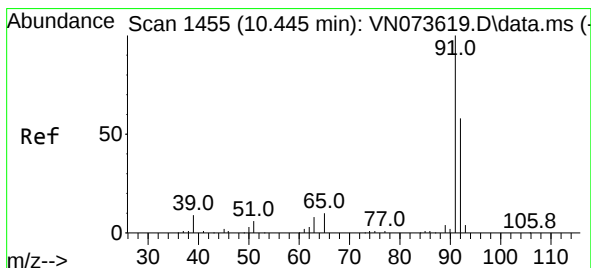
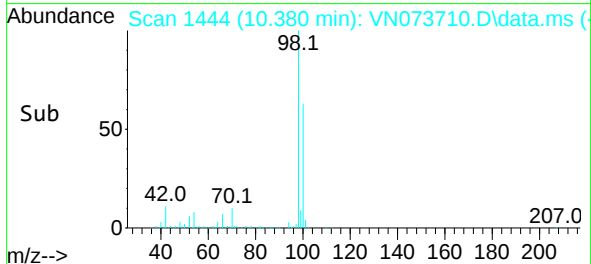
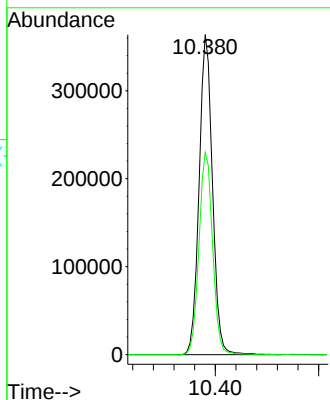
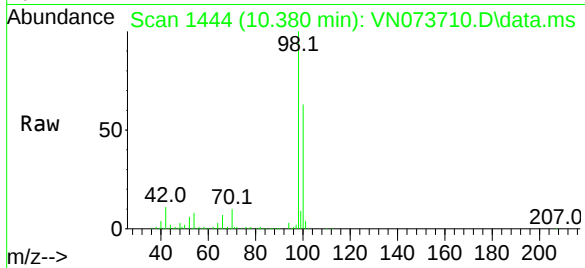




#50
Toluene-d8
Concen: 46.358 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

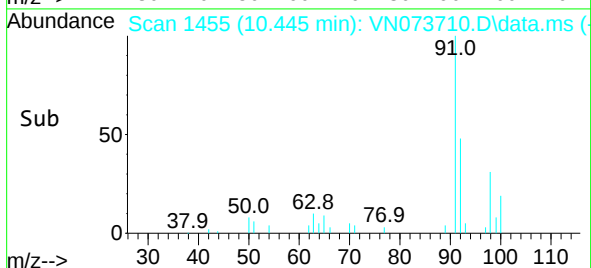
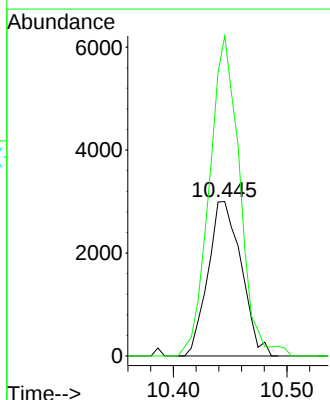
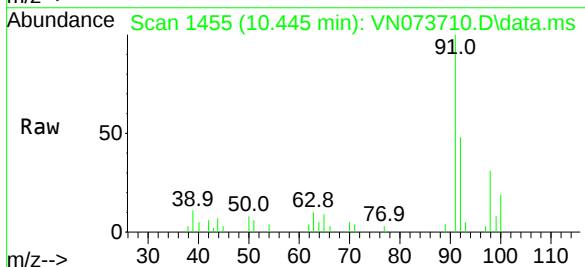
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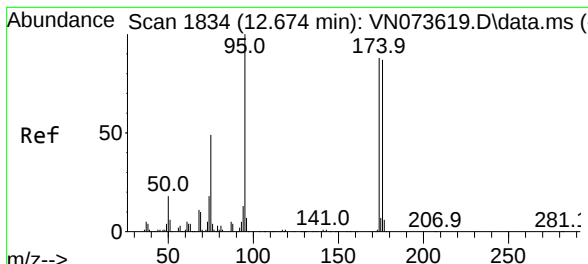
Tgt Ion: 98 Resp: 651228
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 0.604 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion: 92 Resp: 6100
Ion Ratio Lower Upper
92 100
91 189.3 138.6 207.8

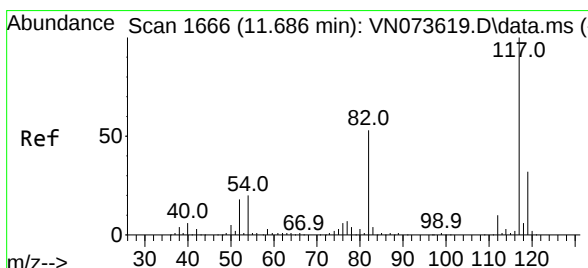
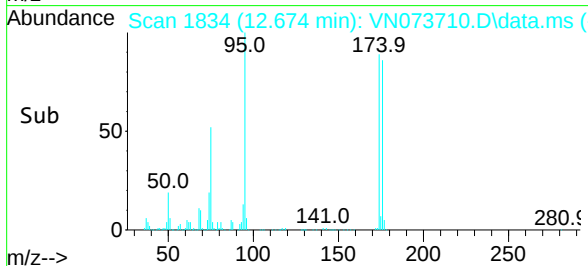
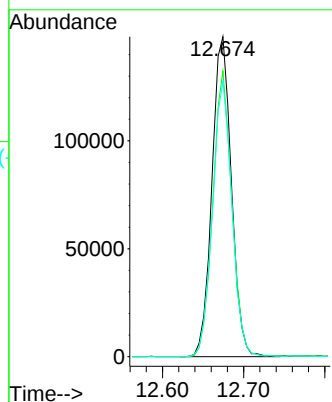
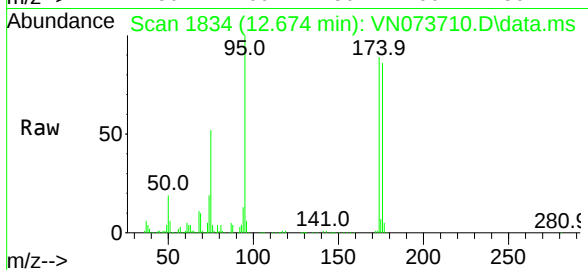




#62
4-Bromofluorobenzene
Concen: 52.195 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

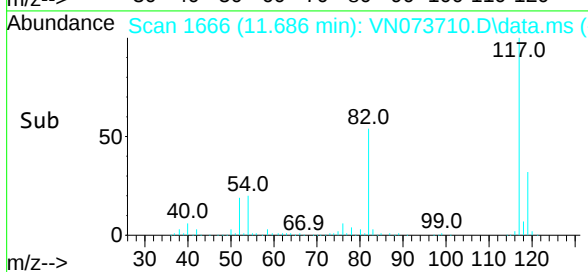
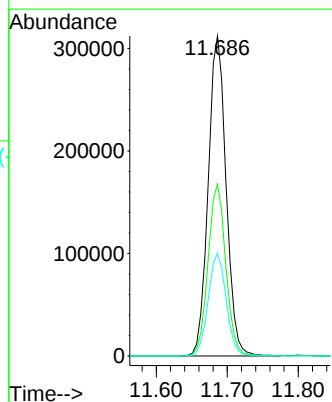
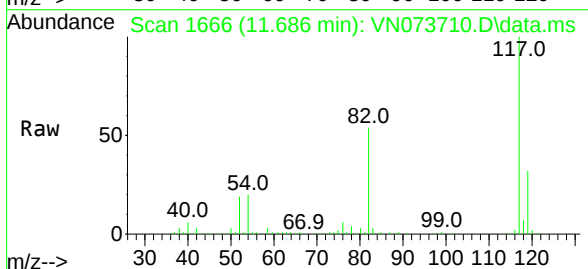
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

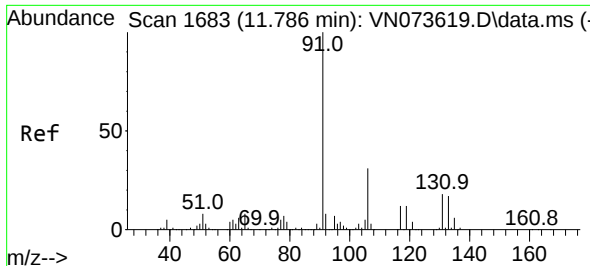
Tgt Ion: 95 Resp: 247053
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 85.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion: 117 Resp: 546617
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.0 25.4 38.0

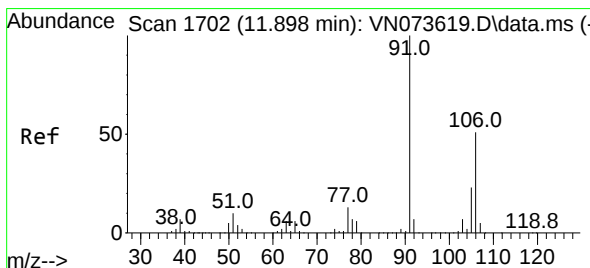
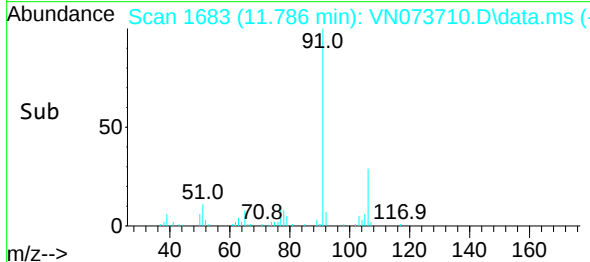
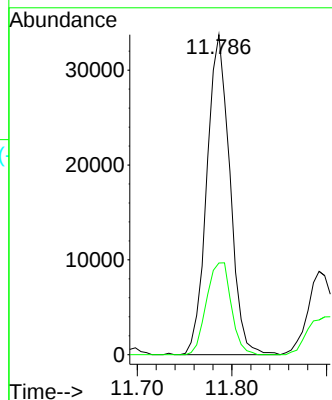
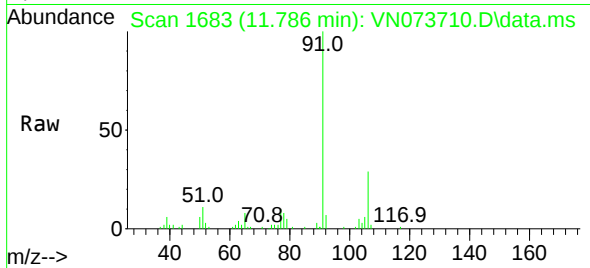




#67
Ethyl Benzene
Concen: 2.908 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

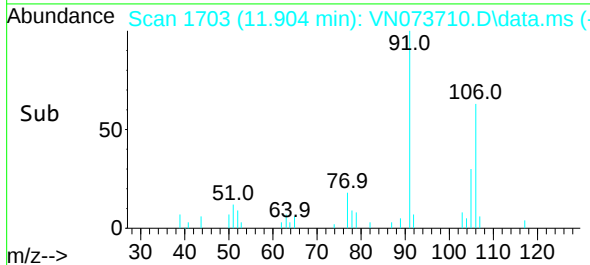
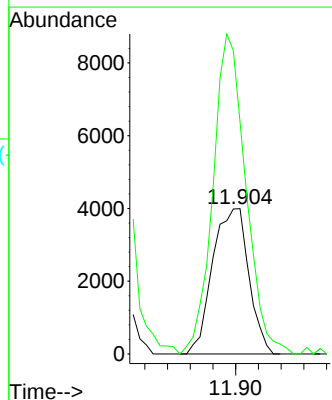
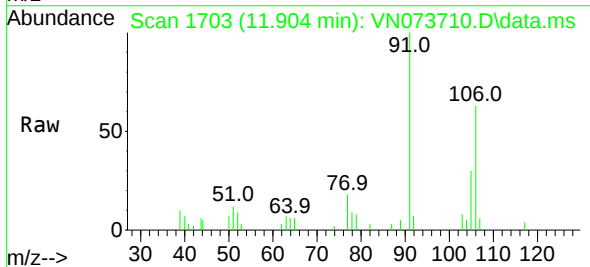
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

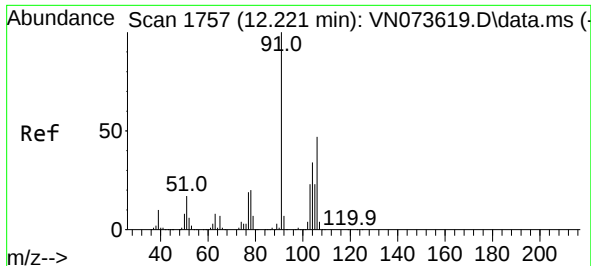
Tgt Ion: 91 Resp: 56954
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1.181 ug/l
RT: 11.904 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion: 106 Resp: 8823
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3

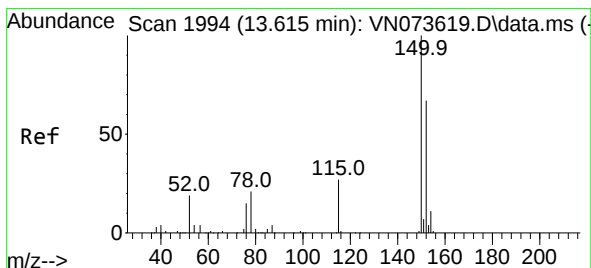
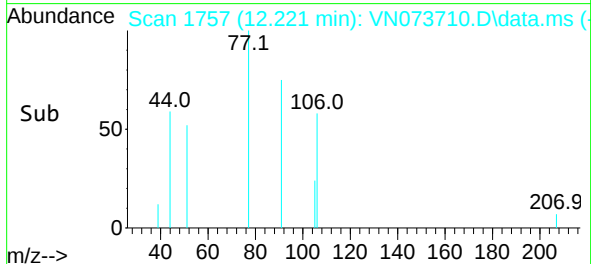
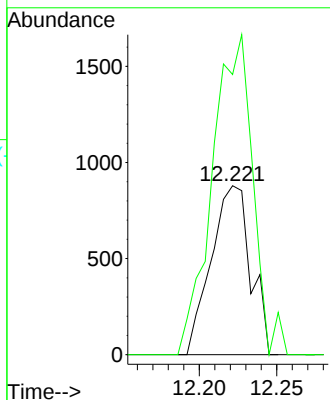
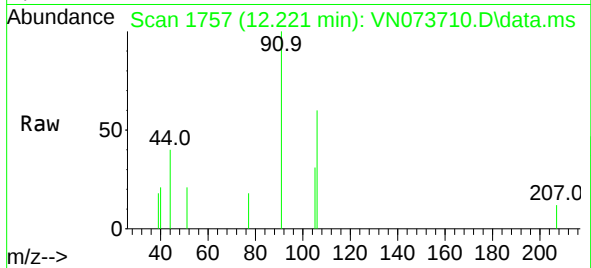




#69
o-Xylene
Concen: 0.214 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

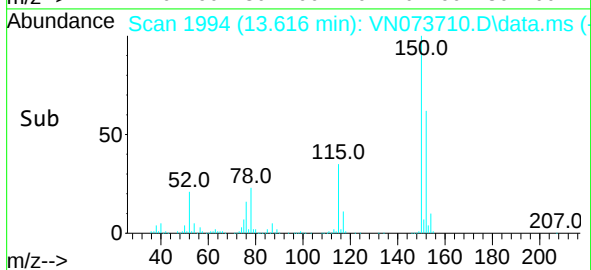
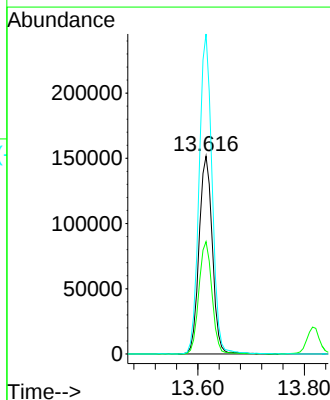
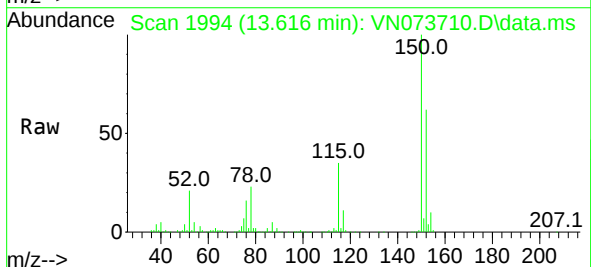
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

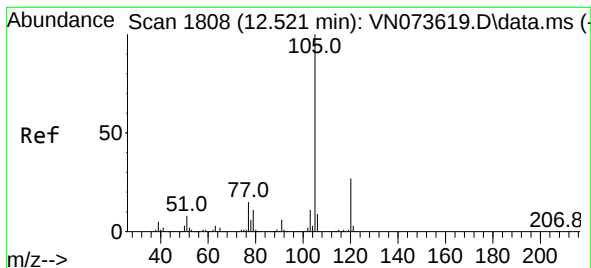
Tgt Ion:106 Resp: 1556
Ion Ratio Lower Upper
106 100
91 194.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073710.D
Acq: 03 Aug 2022 14:35

Tgt Ion:152 Resp: 261481
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 158.1 0.0 356.2





#73

Isopropylbenzene

Concen: 1.758 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN073710.D

Acq: 03 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

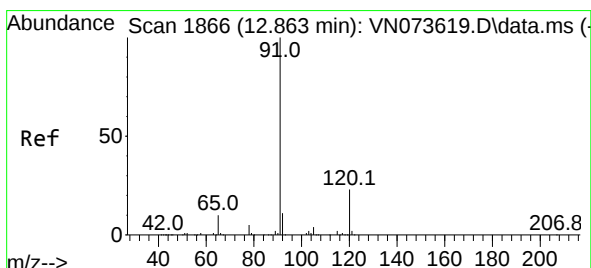
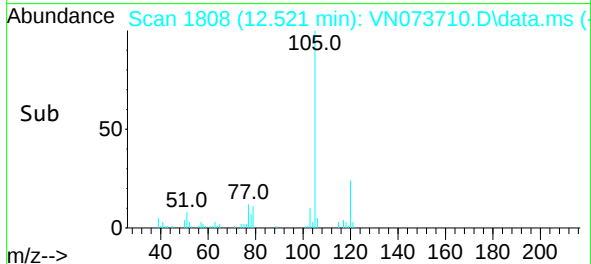
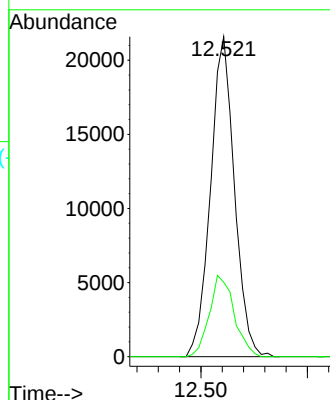
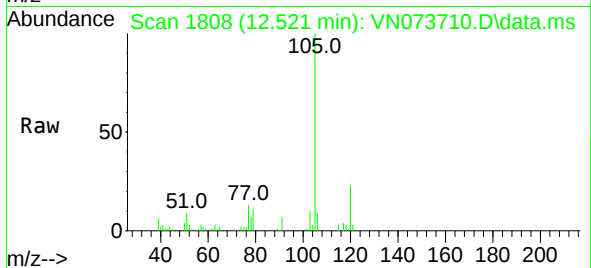
MW-23R

Tgt Ion:105 Resp: 33651

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#78

n-propylbenzene

Concen: 1.548 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073710.D

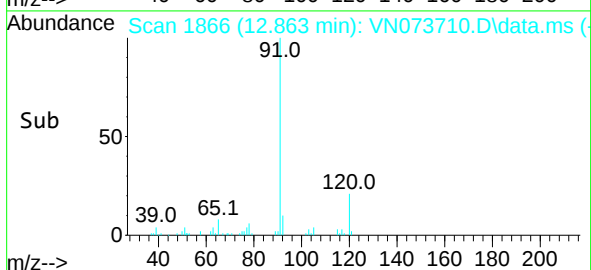
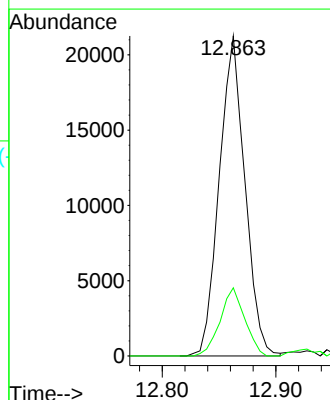
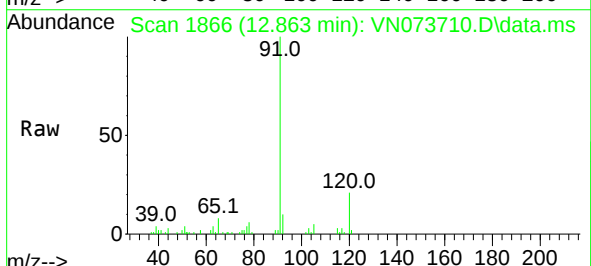
Acq: 03 Aug 2022 14:35

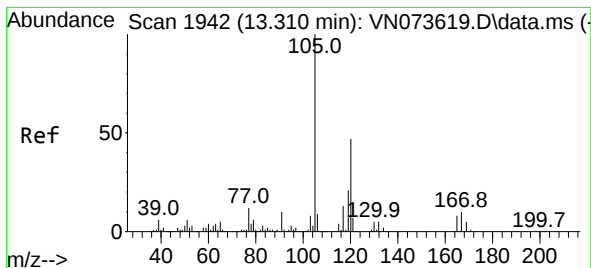
Tgt Ion: 91 Resp: 33337

Ion Ratio Lower Upper

91 100

120 20.5 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 0.286 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073710.D

Acq: 03 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

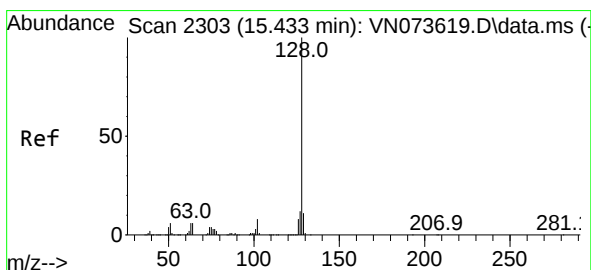
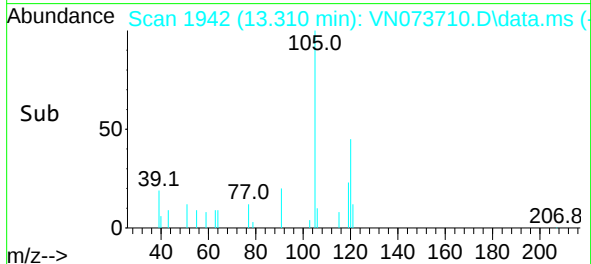
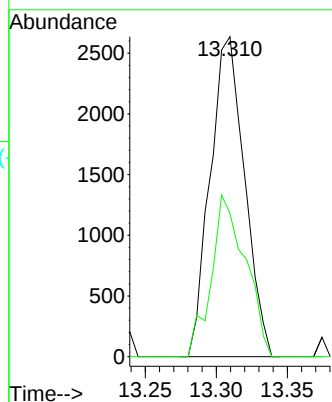
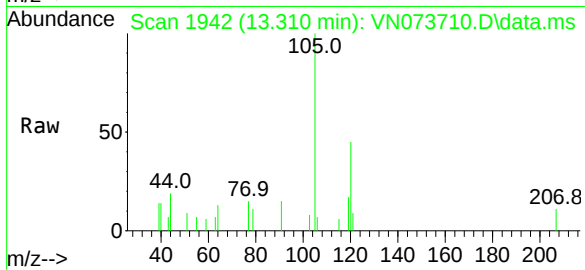
MW-23R

Tgt Ion:105 Resp: 4435

Ion Ratio Lower Upper

105 100

120 50.3 23.3 69.8



#95

Naphthalene

Concen: 0.866 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN073710.D

Acq: 03 Aug 2022 14:35

Tgt Ion:128 Resp: 12865

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.5 8.6 13.0

