

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073706.D
 Acq On : 03 Aug 2022 12:57
 Operator : JC\MD
 Sample : N3971-14DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22RDL

Quant Time: Aug 04 05:32:32 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)

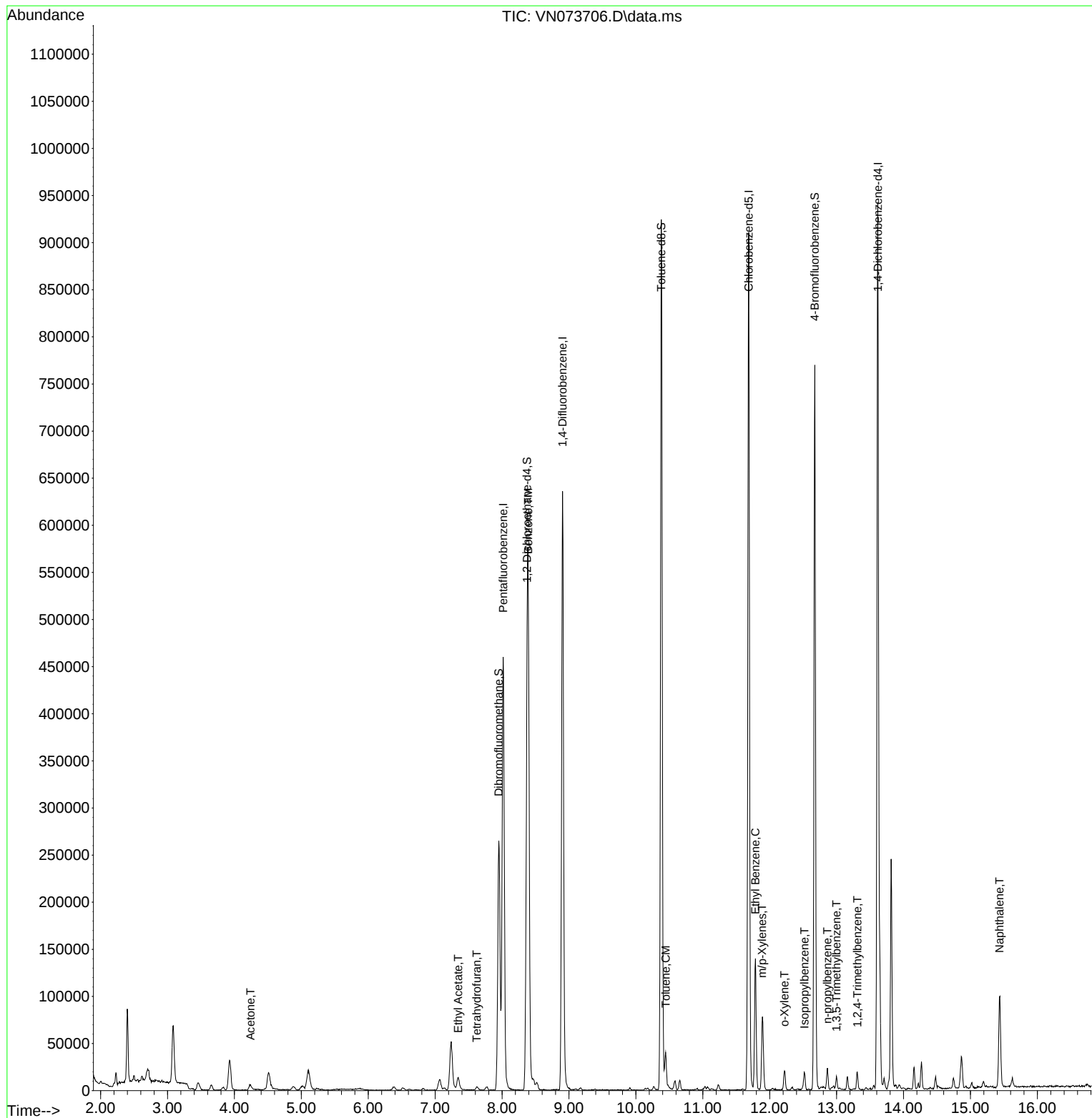
Internal Standards						
1) Pentafluorobenzene	8.016	168	359211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	580010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	542537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	262305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	216781	49.521	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.040%		
35) Dibromofluoromethane	7.951	113	200401	55.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.040%		
50) Toluene-d8	10.380	98	651433	45.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.900%		
62) 4-Bromofluorobenzene	12.674	95	245547	51.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.140%		
Target Compounds					Qvalue	
16) Acetone	4.240	43	11328	4.818	ug/l	95
29) Tetrahydrofuran	7.622	42	2822	1.222	ug/l #	87
37) Ethyl Acetate	7.345	43	18274	2.673	ug/l	97
40) Benzene	8.392	78	469800	27.871	ug/l	100
52) Toluene	10.445	92	15126	1.469	ug/l	98
67) Ethyl Benzene	11.786	91	99567	5.121	ug/l	100
68) m/p-Xylenes	11.886	106	26654	3.595	ug/l	98
69) o-Xylene	12.221	106	5583	0.772	ug/l	89
73) Isopropylbenzene	12.521	105	11894	0.619	ug/l	98
78) n-propylbenzene	12.863	91	17844	0.826	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	5909	0.374	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	10488	0.675	ug/l	97
95) Naphthalene	15.433	128	98523	6.610	ug/l	99

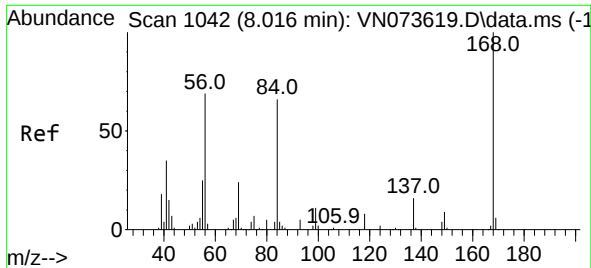
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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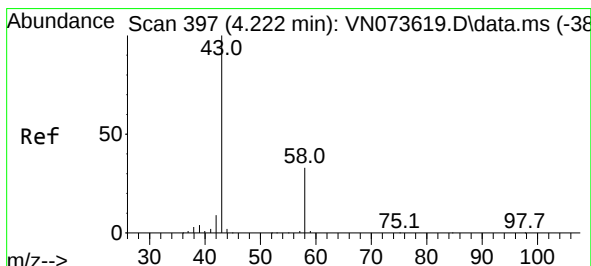
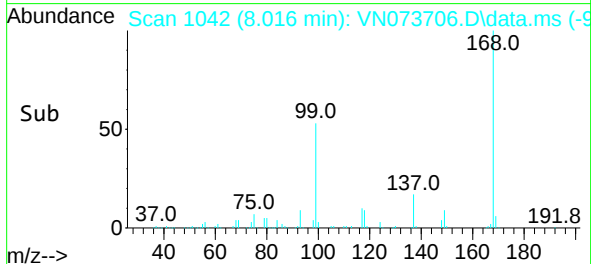
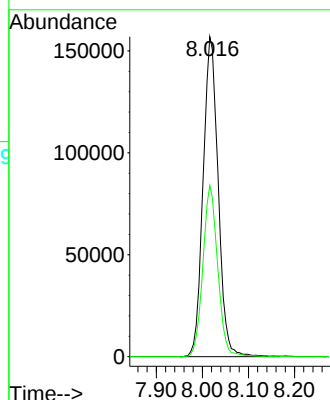
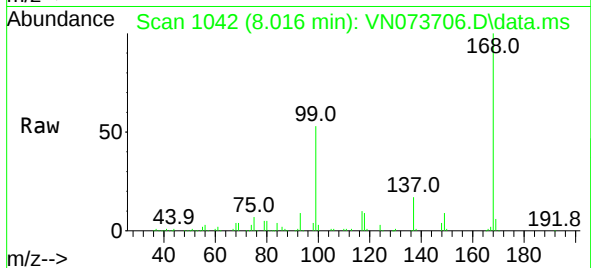




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

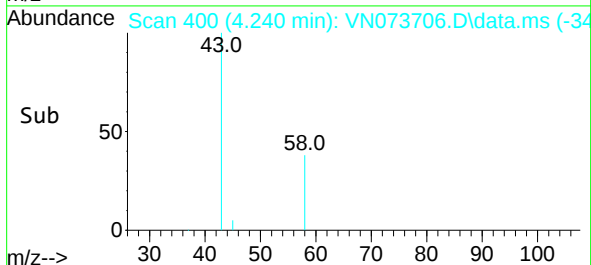
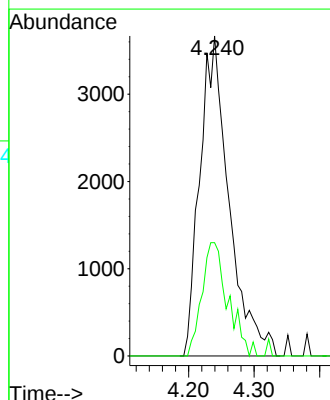
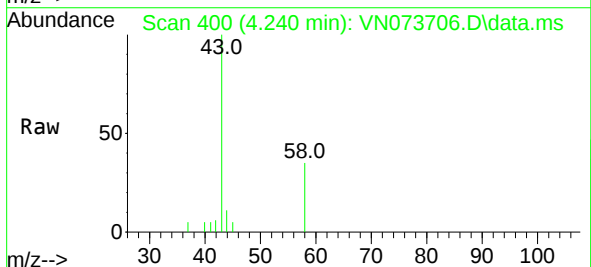
Instrument :
MSVOA_N
ClientSampleId :
MW-22RDL

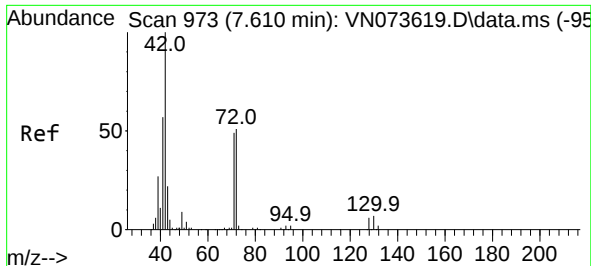
Tgt Ion:168 Resp: 359211
Ion Ratio Lower Upper
168 100
99 53.5 42.3 63.5



#16
Acetone
Concen: 4.818 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

Tgt Ion: 43 Resp: 11328
Ion Ratio Lower Upper
43 100
58 35.4 26.0 39.0





#29

Tetrahydrofuran

Concen: 1.222 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073706.D

Acq: 03 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

MW-22RDL

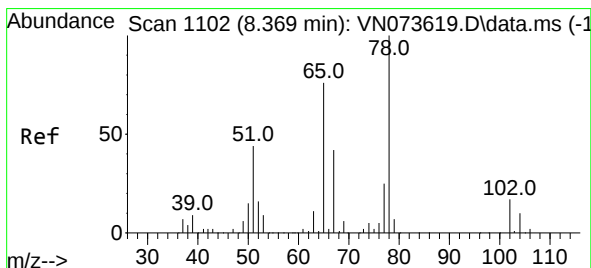
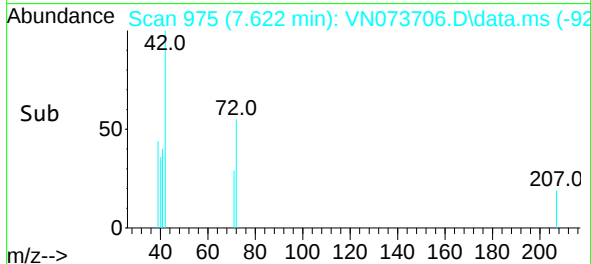
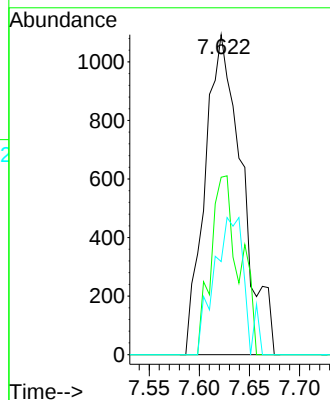
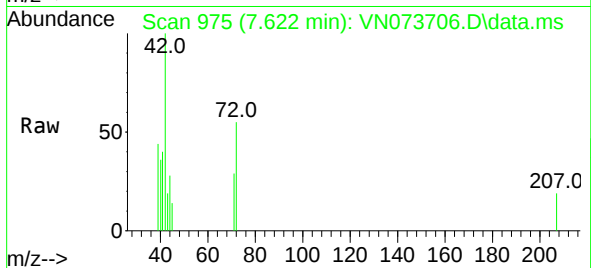
Tgt Ion: 42 Resp: 2822

Ion Ratio Lower Upper

42 100

72 42.7 39.7 59.5

71 35.0 36.6 55.0#



#33

1,2-Dichloroethane-d4

Concen: 49.521 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073706.D

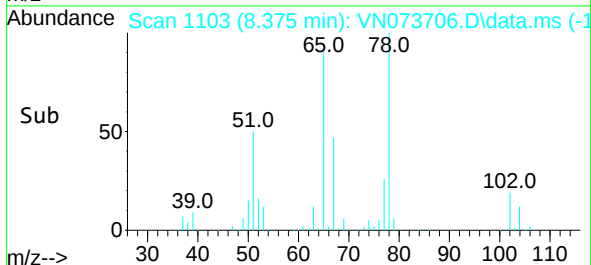
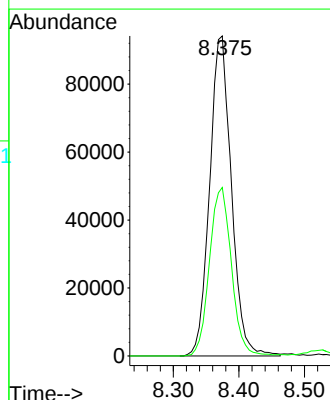
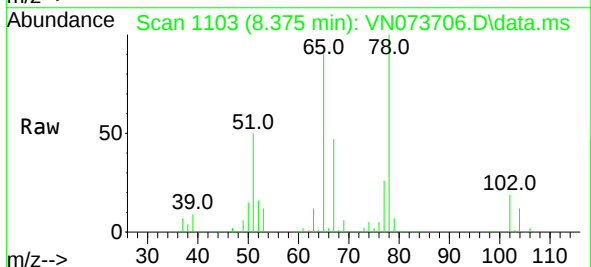
Acq: 03 Aug 2022 12:57

Tgt Ion: 65 Resp: 216781

Ion Ratio Lower Upper

65 100

67 53.4 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: VN073706.D

Acq: 03 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

MW-22RDL

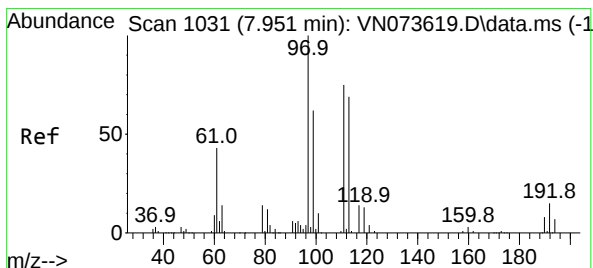
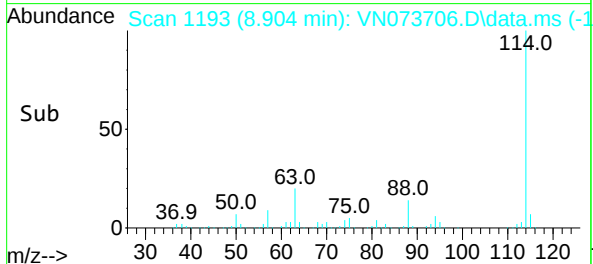
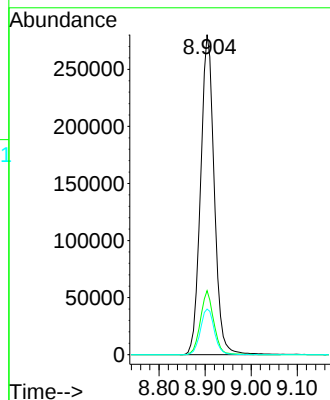
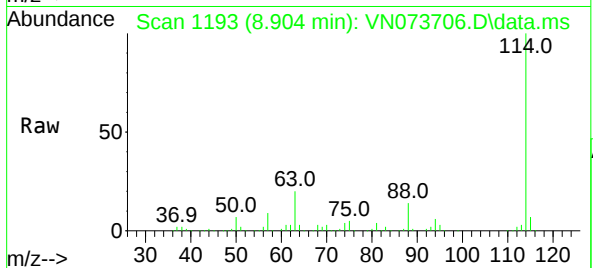
Tgt Ion:114 Resp: 580010

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.024 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073706.D

Acq: 03 Aug 2022 12:57

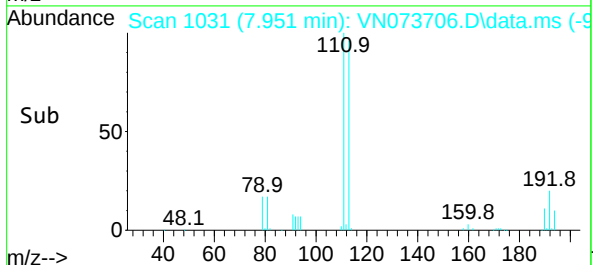
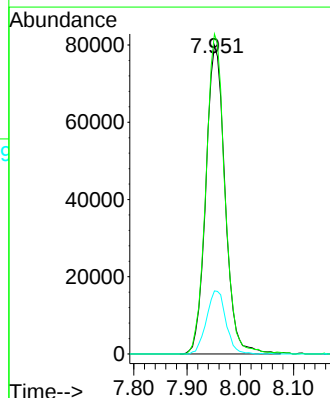
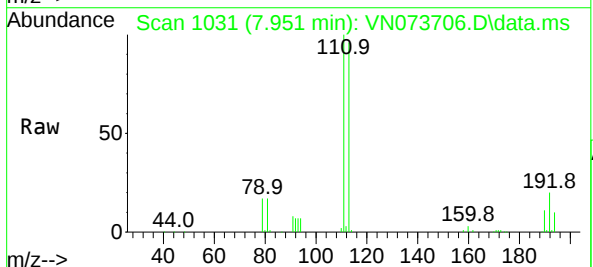
Tgt Ion:113 Resp: 200401

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 20.6 17.0 25.6





#37

Ethyl Acetate

Concen: 2.673 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073706.D

Acq: 03 Aug 2022 12:57

Instrument :

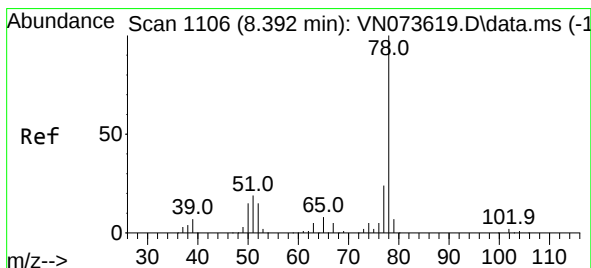
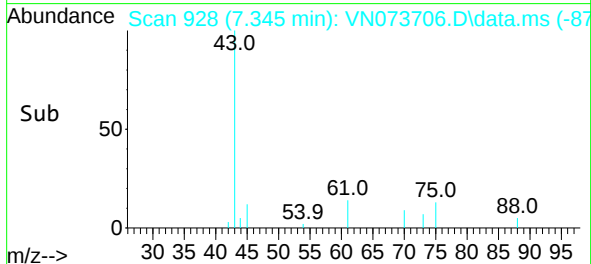
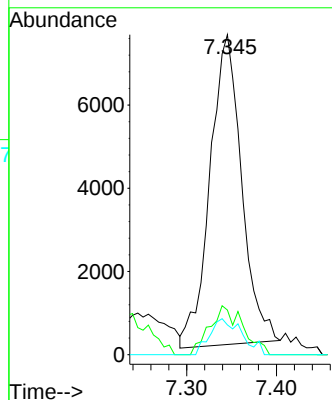
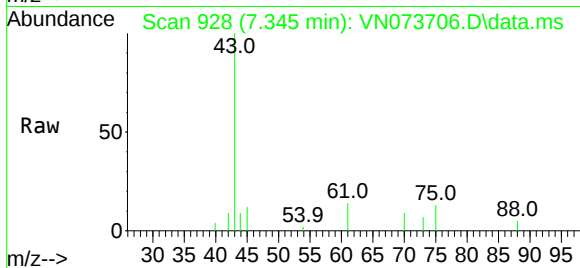
MSVOA_N

ClientSampleId :

MW-22RDL

Tgt Ion: 43 Resp: 18274

Ion	Ratio	Lower	Upper
43	100		
61	16.6	11.8	17.6
70	11.8	9.3	13.9



#40

Benzene

Concen: 27.871 ug/l

RT: 8.392 min Scan# 1106

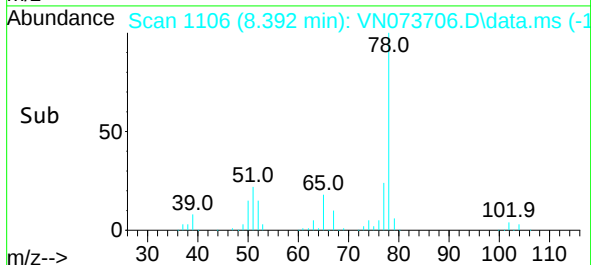
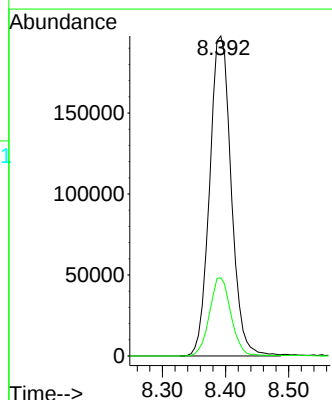
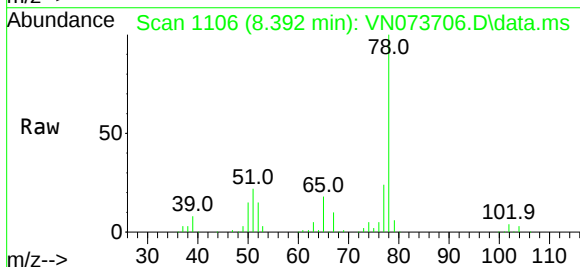
Delta R.T. 0.000 min

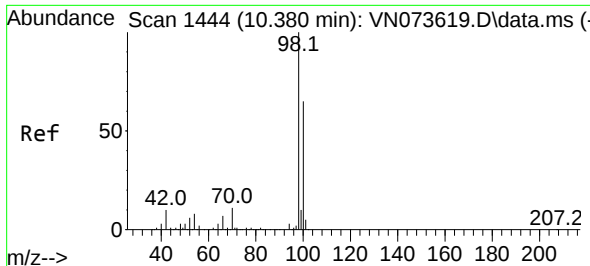
Lab File: VN073706.D

Acq: 03 Aug 2022 12:57

Tgt Ion: 78 Resp: 469800

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0

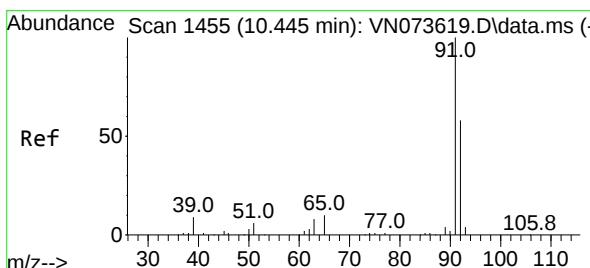
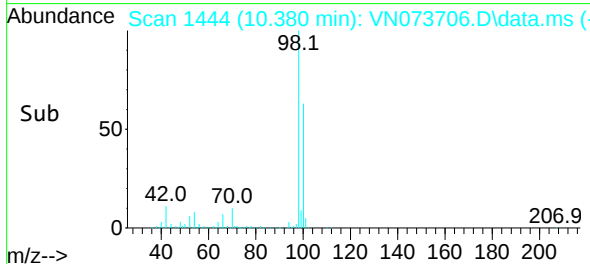
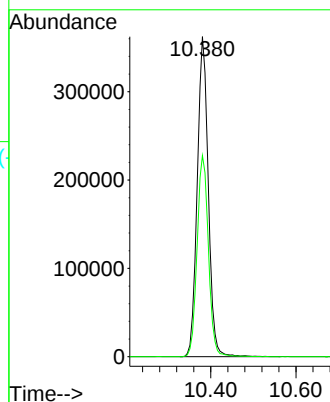
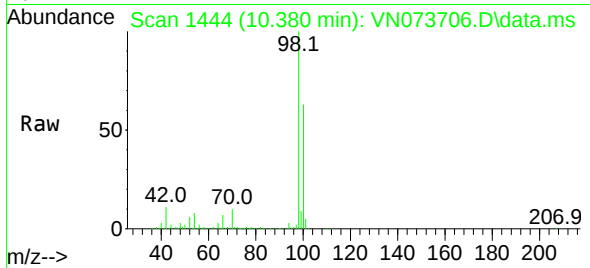




#50
Toluene-d8
Concen: 45.453 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

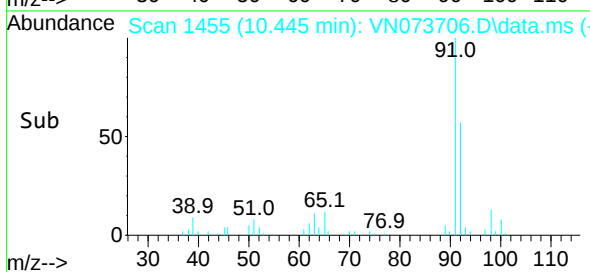
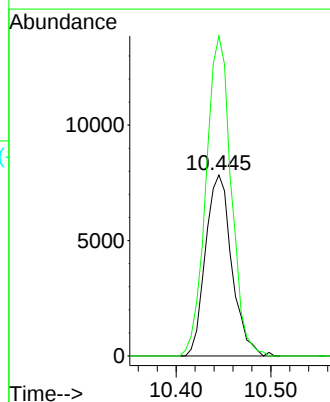
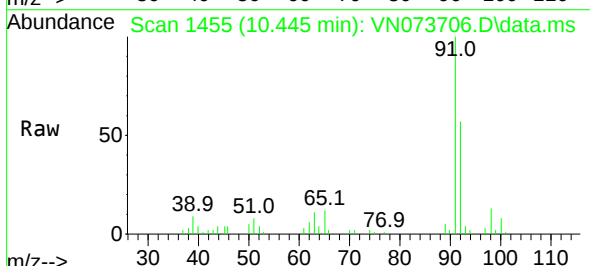
Instrument :
MSVOA_N
ClientSampleId :
MW-22RDL

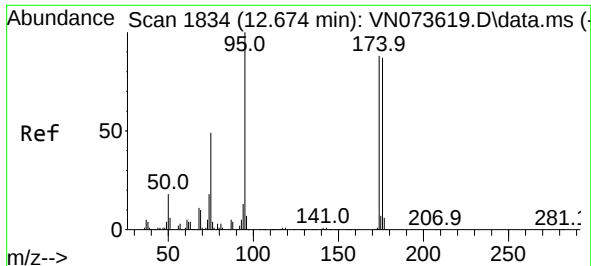
Tgt Ion: 98 Resp: 651433
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#52
Toluene
Concen: 1.469 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

Tgt Ion: 92 Resp: 15126
Ion Ratio Lower Upper
92 100
91 169.9 138.6 207.8

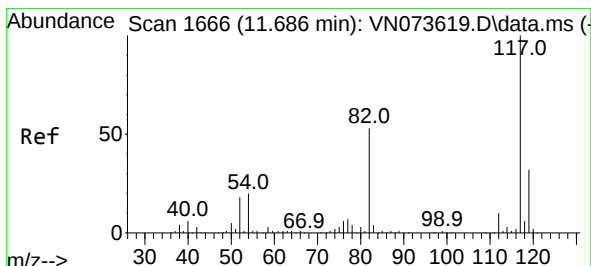
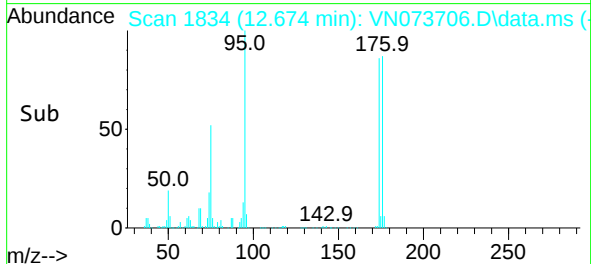
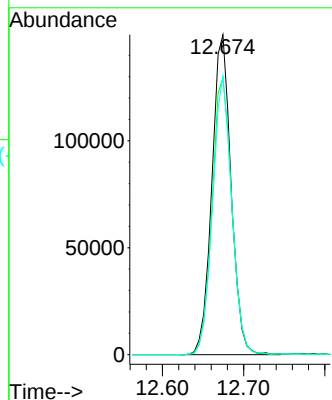
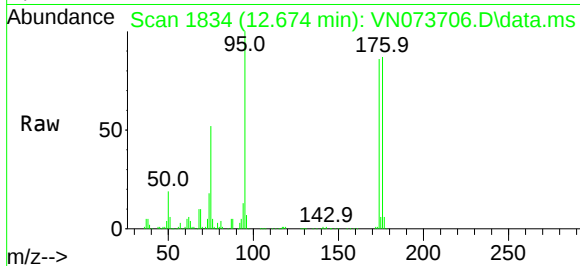




#62
4-Bromofluorobenzene
Concen: 51.069 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

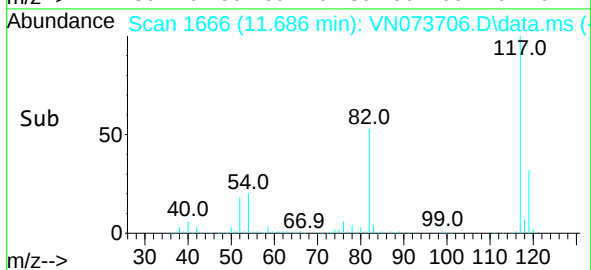
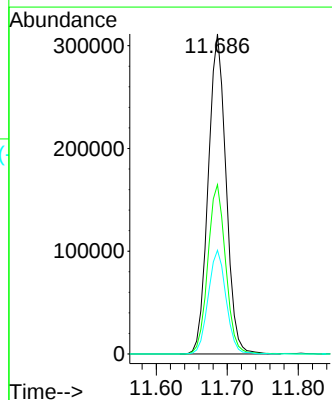
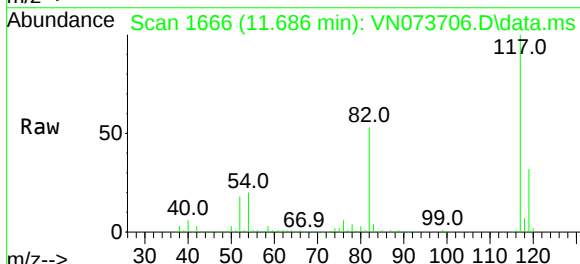
Instrument :
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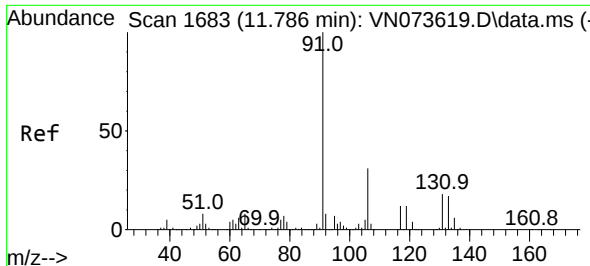
Tgt Ion: 95 Resp: 245547
Ion Ratio Lower Upper
95 100
174 89.6 0.0 167.6
176 86.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

Tgt Ion: 117 Resp: 542537
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.4 25.4 38.0





#67

Ethyl Benzene

Concen: 5.121 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073706.D

Acq: 03 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

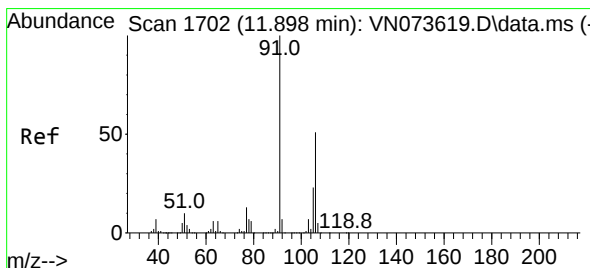
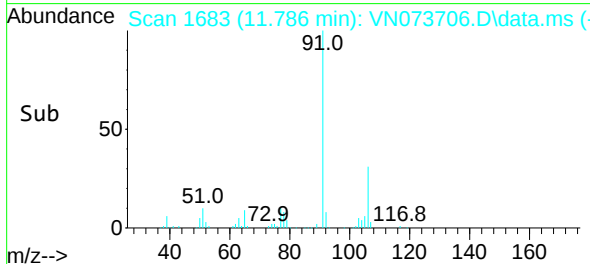
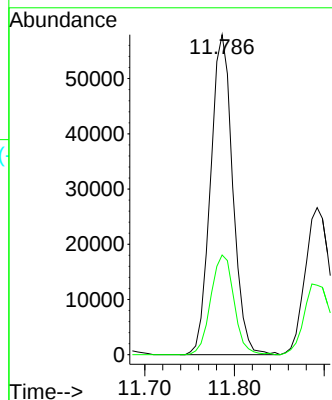
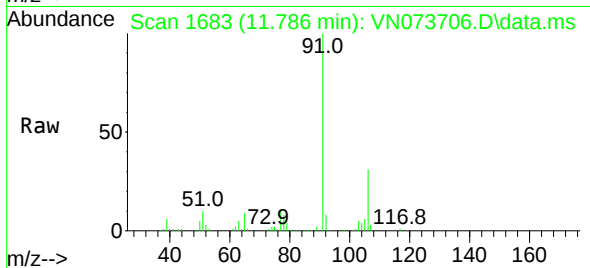
MW-22RDL

Tgt Ion: 91 Resp: 99567

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 3.595 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.012 min

Lab File: VN073706.D

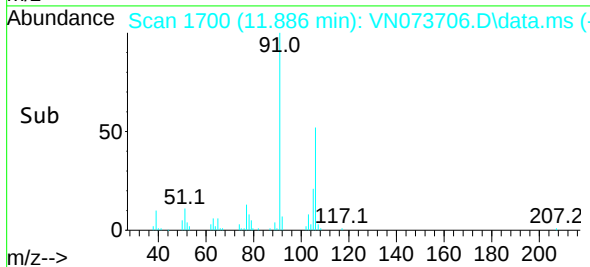
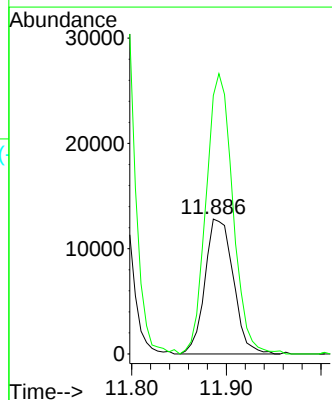
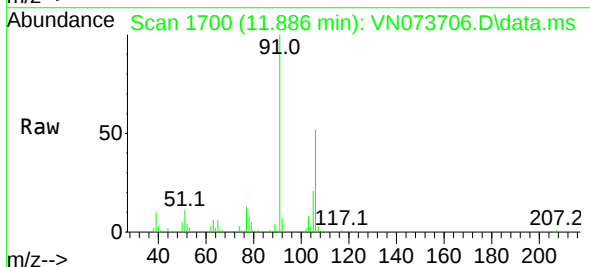
Acq: 03 Aug 2022 12:57

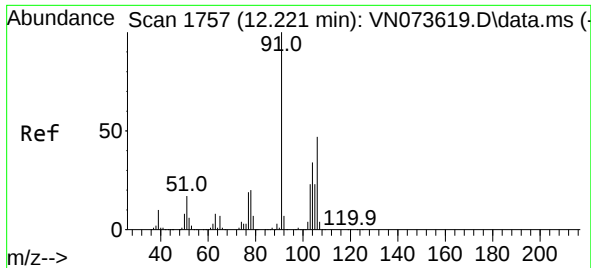
Tgt Ion: 106 Resp: 26654

Ion Ratio Lower Upper

106 100

91 196.3 158.9 238.3

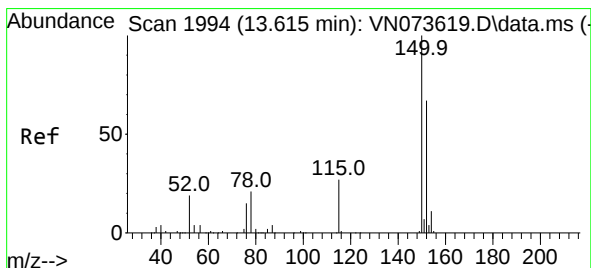
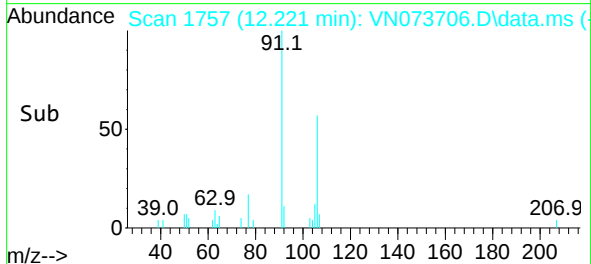
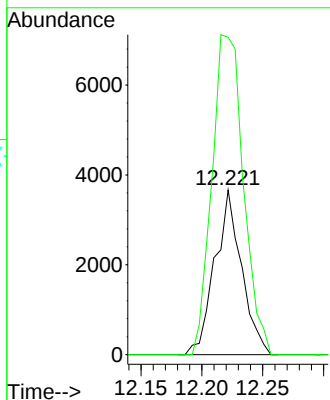
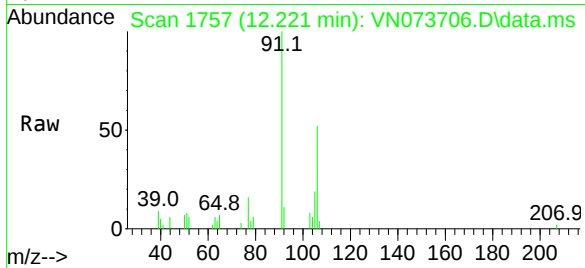




#69
o-Xylene
Concen: 0.772 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

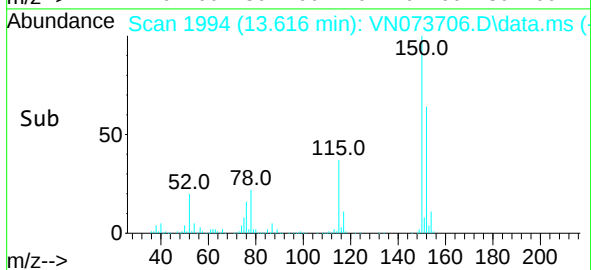
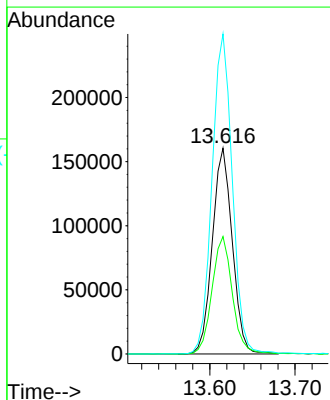
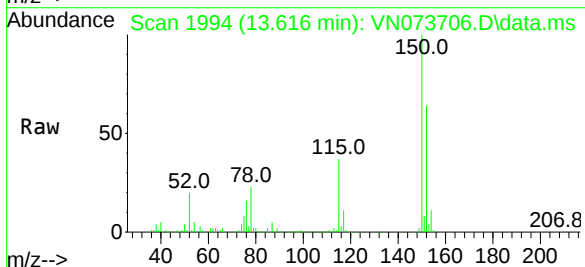
Instrument :
MSVOA_N
ClientSampleId :
MW-22RDL

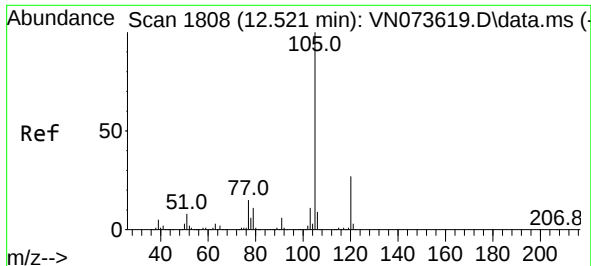
Tgt Ion:106 Resp: 5583
Ion Ratio Lower Upper
106 100
91 229.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

Tgt Ion:152 Resp: 262305
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 157.1 0.0 356.2

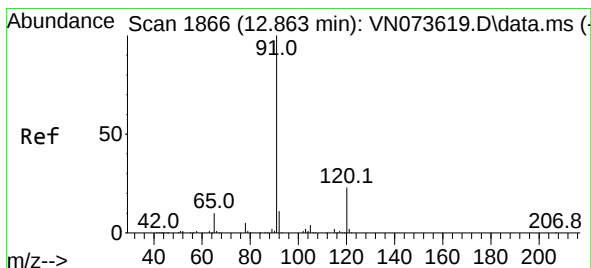
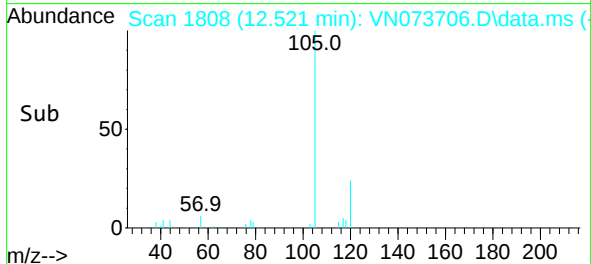
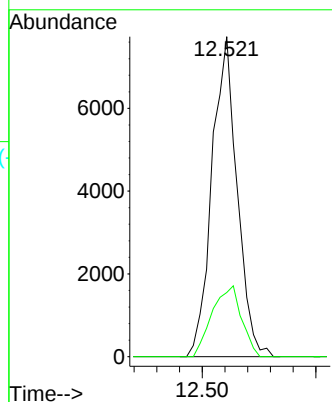
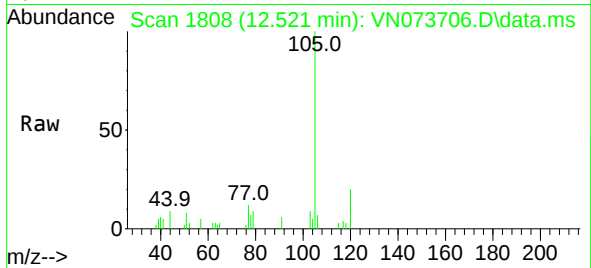




#73
Isopropylbenzene
Concen: 0.619 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

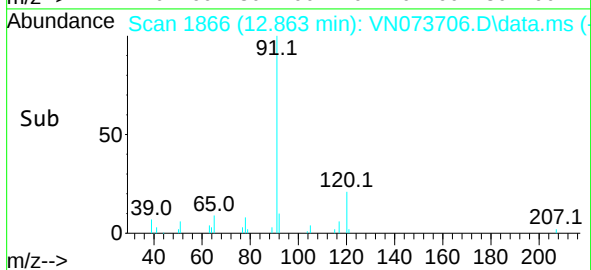
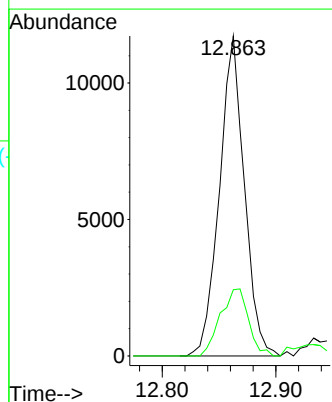
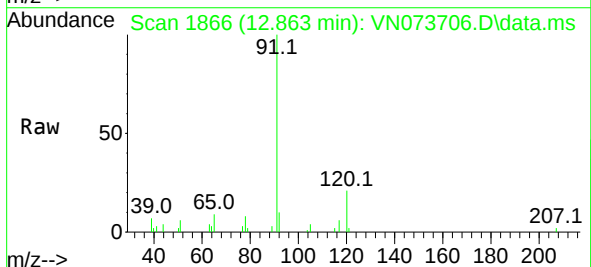
Instrument :
MSVOA_N
ClientSampleId :
MW-22RDL

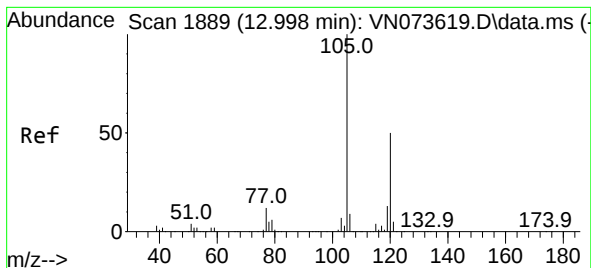
Tgt Ion:	105	Resp:	11894
Ion Ratio	Lower	Upper	
105	100		
120	25.8	13.5	40.4



#78
n-propylbenzene
Concen: 0.826 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

Tgt Ion:	91	Resp:	17844
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.5





#80

1,3,5-Trimethylbenzene

Concen: 0.374 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073706.D

Acq: 03 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

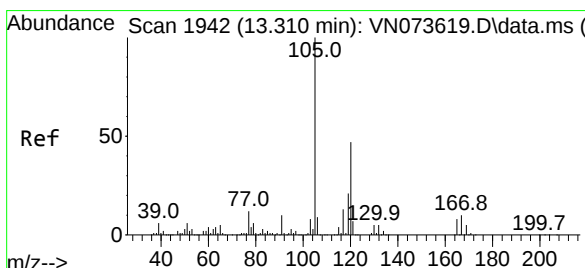
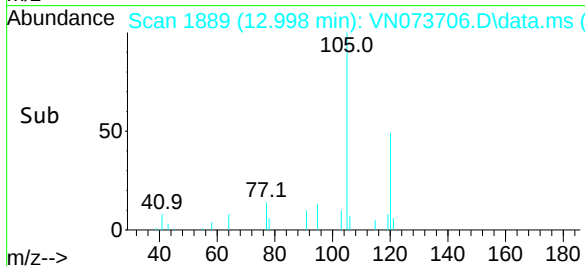
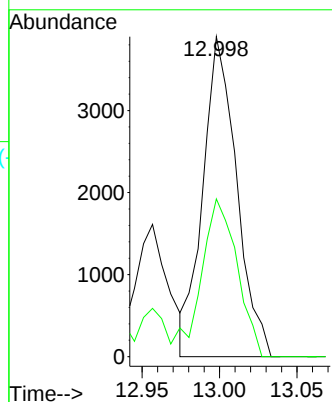
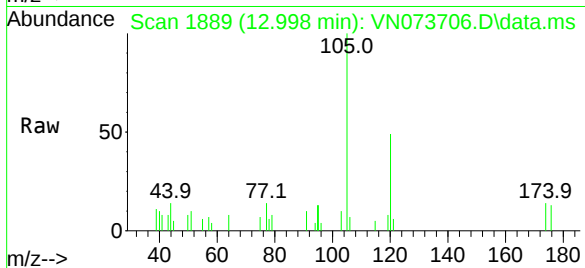
MW-22RDL

Tgt Ion:105 Resp: 5909

Ion Ratio Lower Upper

105 100

120 52.1 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 0.675 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073706.D

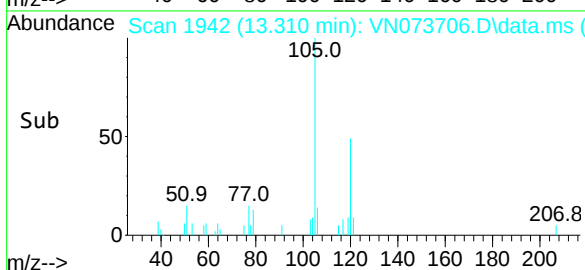
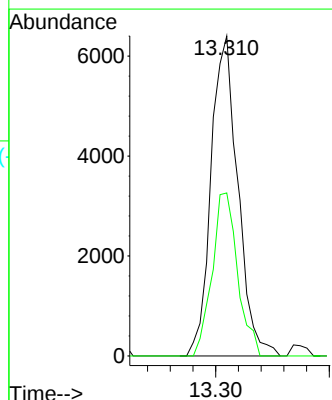
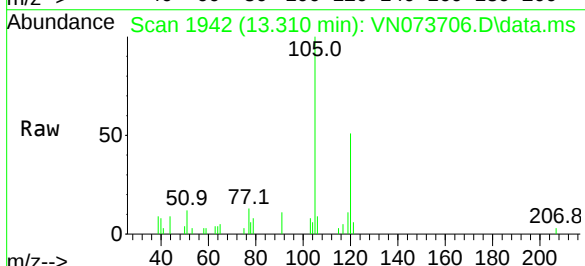
Acq: 03 Aug 2022 12:57

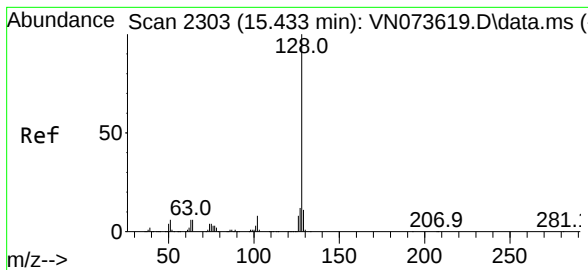
Tgt Ion:105 Resp: 10488

Ion Ratio Lower Upper

105 100

120 48.4 23.3 69.8





#95
Naphthalene
Concen: 6.610 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073706.D
Acq: 03 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
MW-22RDL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.4	8.6	13.0

