

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073686.D
 Acq On : 02 Aug 2022 14:47
 Operator : JC\MD
 Sample : N3971-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19

Quant Time: Aug 03 02:06:27 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)

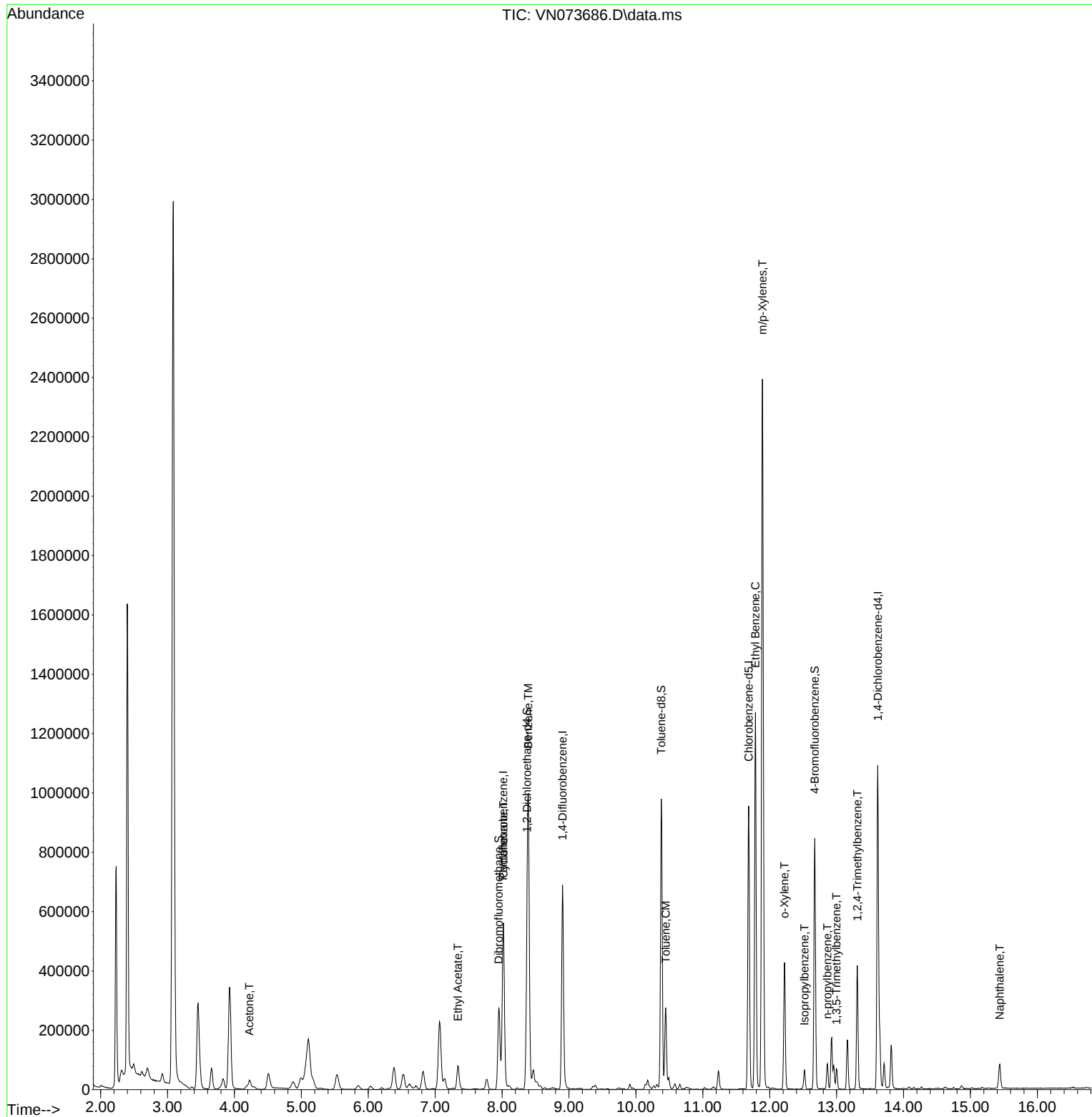
Internal Standards						
1) Pentafluorobenzene	8.016	168	382422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	608879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	582255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	308590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	221821	47.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	7.951	113	206174	53.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.380	98	698338	46.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.674	95	280524	54.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.580%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	56975	22.761	ug/l	98
31) Cyclohexane	8.022	56	57842	8.337	ug/l #	81
37) Ethyl Acetate	7.339	43	117194	16.330	ug/l	98
40) Benzene	8.392	78	953286	53.873	ug/l	100
52) Toluene	10.445	92	120557	11.154	ug/l	100
67) Ethyl Benzene	11.786	91	917018	43.951	ug/l	99
68) m/p-Xylenes	11.892	106	793338	99.693	ug/l	98
69) o-Xylene	12.221	106	120872	15.580	ug/l	98
73) Isopropylbenzene	12.521	105	40165	1.778	ug/l	100
78) n-propylbenzene	12.863	91	67747	2.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	33535	1.804	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	235803	12.900	ug/l	100
95) Naphthalene	15.439	128	82807	4.722	ug/l	99

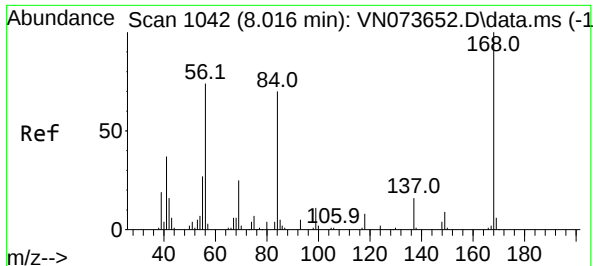
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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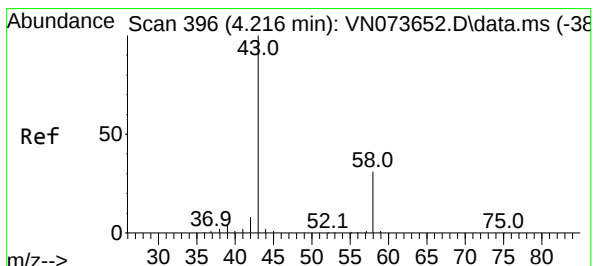
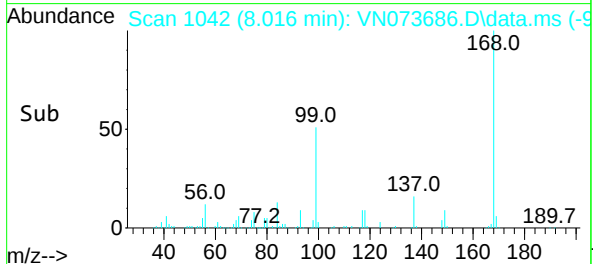
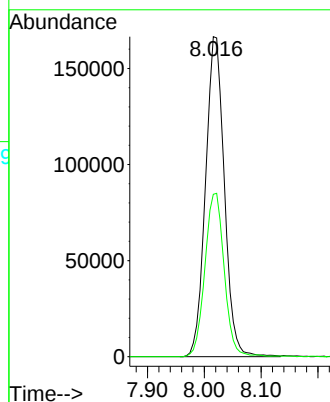
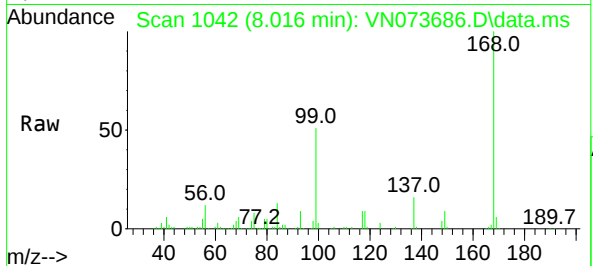




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

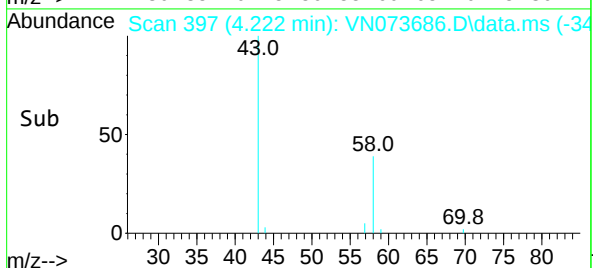
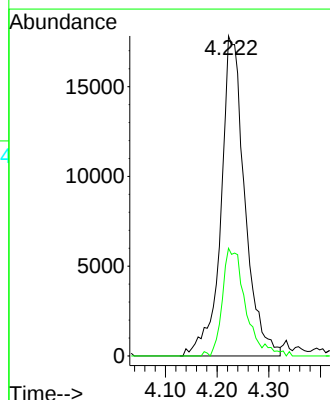
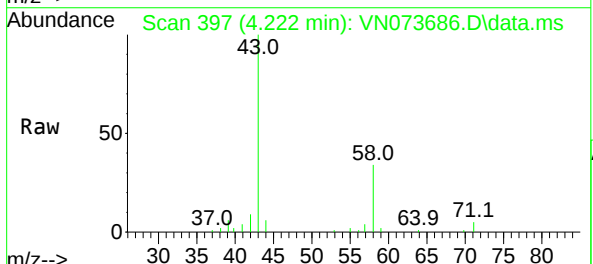
Instrument :
MSVOA_N
ClientSampleId :
MW-19

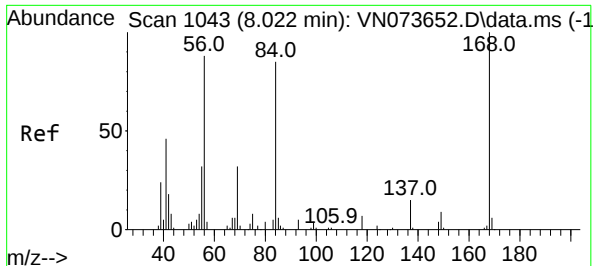
Tgt Ion:168 Resp: 382422
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#16
Acetone
Concen: 22.761 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 43 Resp: 56975
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0

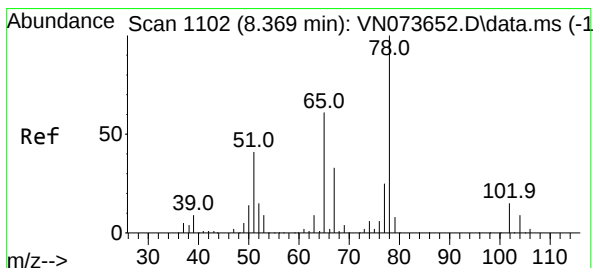
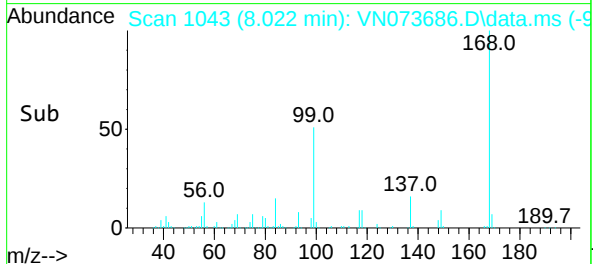
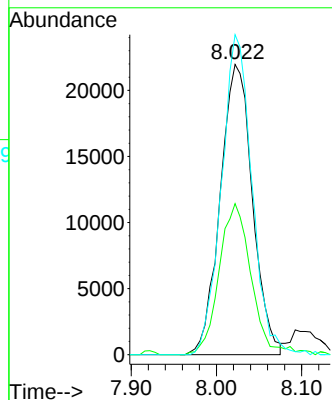
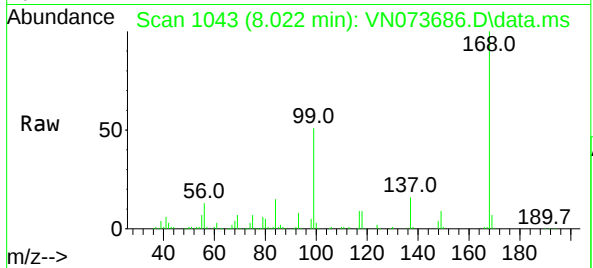




#31
Cyclohexane
Concen: 8.337 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

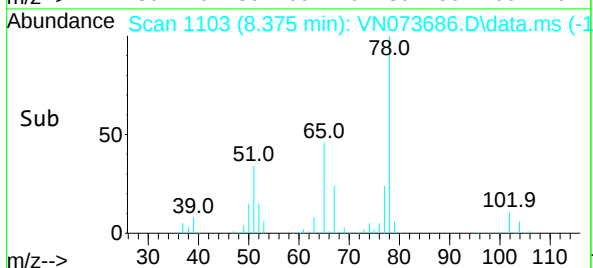
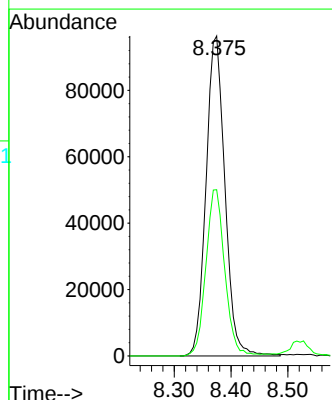
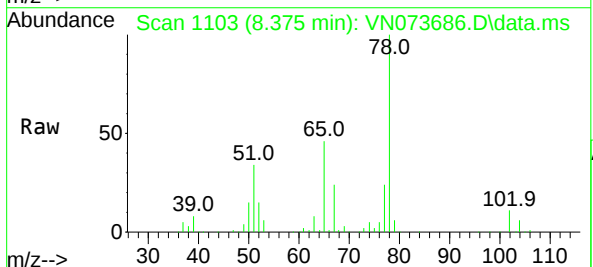
Instrument :
MSVOA_N
ClientSampleId :
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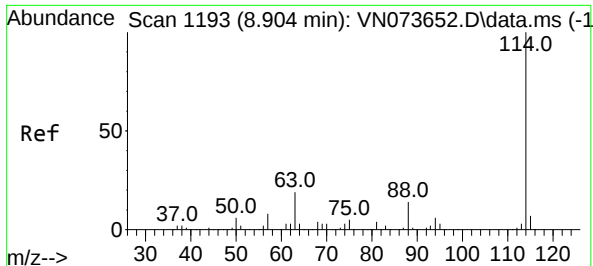
Tgt Ion: 56 Resp: 57842
Ion Ratio Lower Upper
56 100
69 52.0 27.8 41.8#
84 110.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 47.597 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 65 Resp: 221821
Ion Ratio Lower Upper
65 100
67 52.0 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: VN073686.D

Acq: 02 Aug 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

MW-19

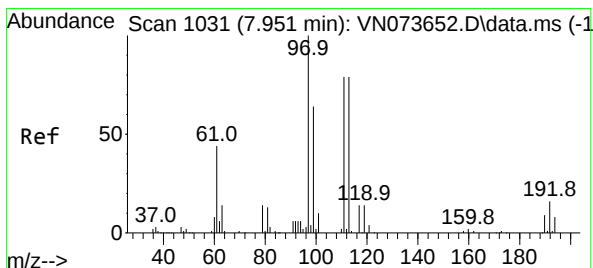
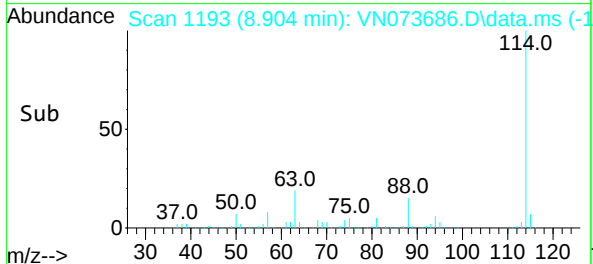
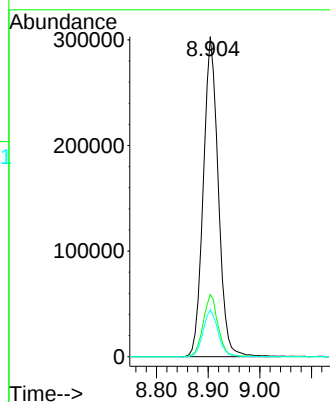
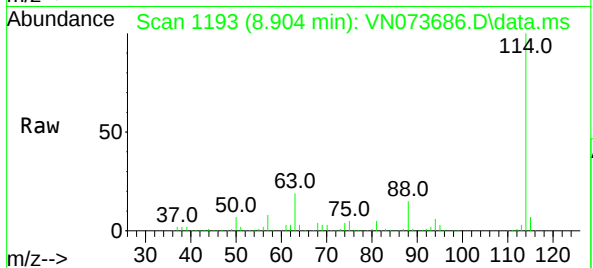
Tgt Ion:114 Resp: 608879

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.925 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073686.D

Acq: 02 Aug 2022 14:47

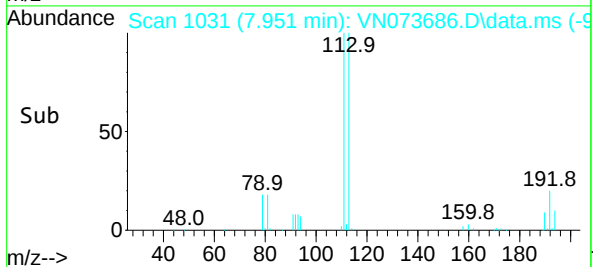
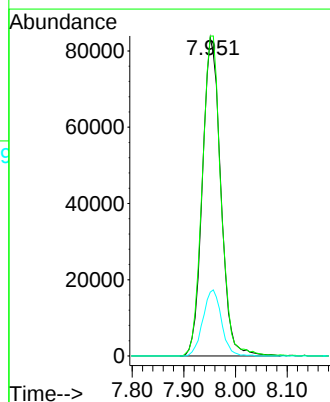
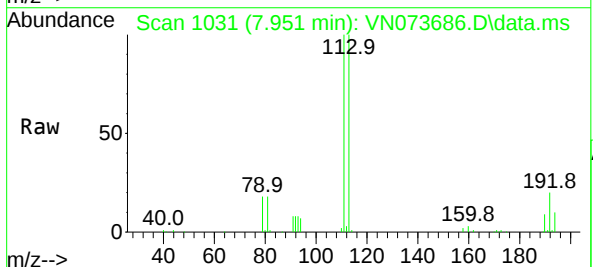
Tgt Ion:113 Resp: 206174

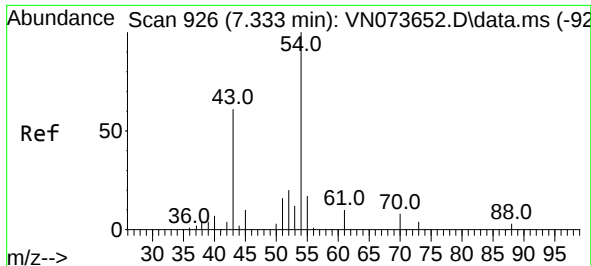
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 20.9 17.0 25.6

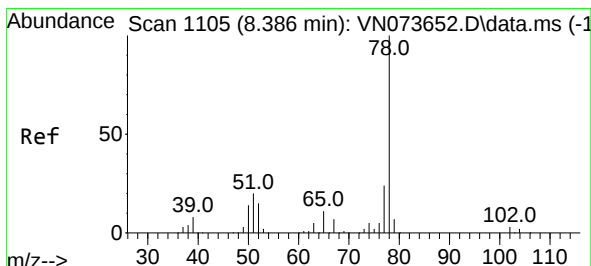
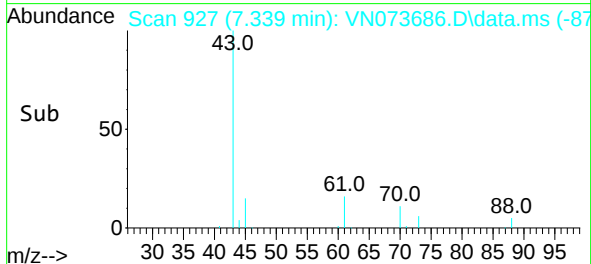
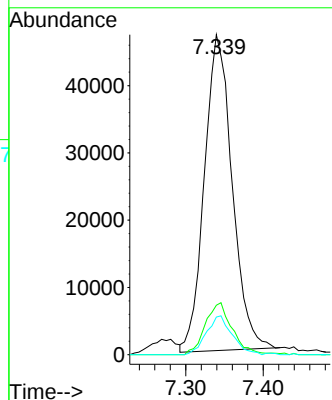
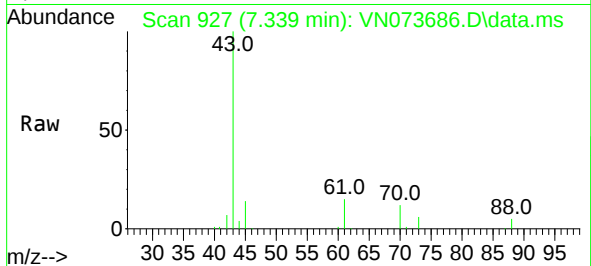




#37
Ethyl Acetate
Concen: 16.330 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

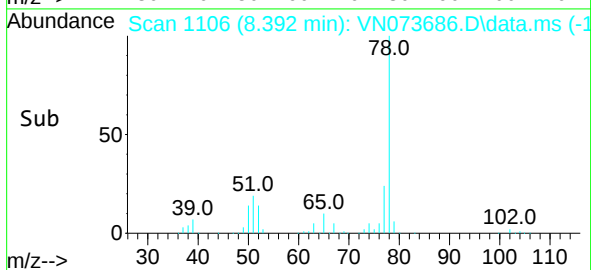
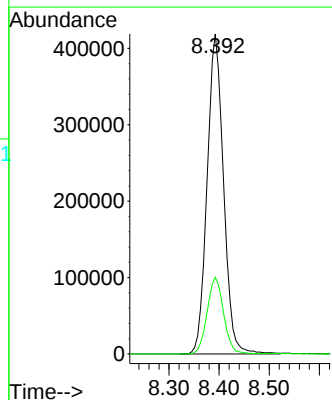
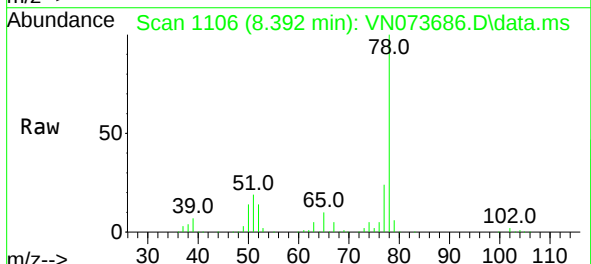
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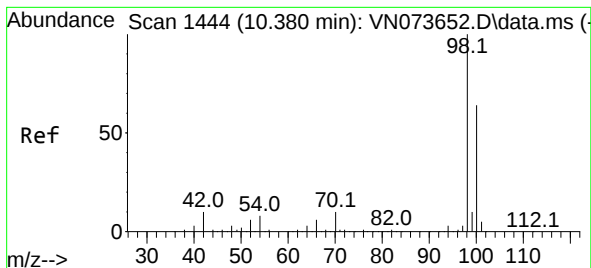
Tgt Ion: 43 Resp: 117194
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 11.4 9.3 13.9



#40
Benzene
Concen: 53.873 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 78 Resp: 953286
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

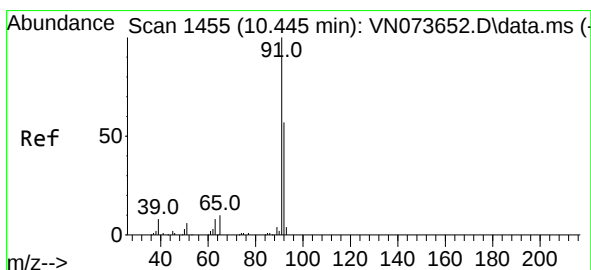
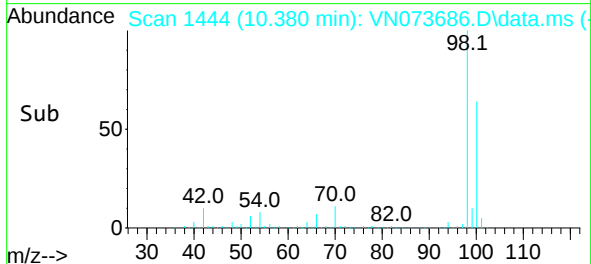
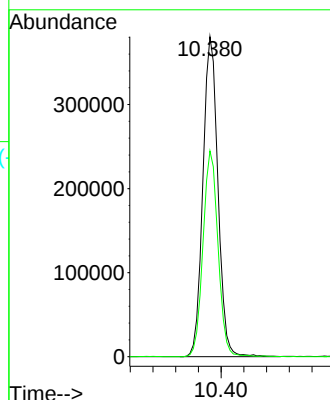
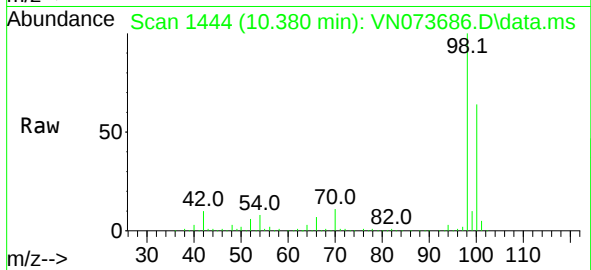




#50
Toluene-d8
Concen: 46.415 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

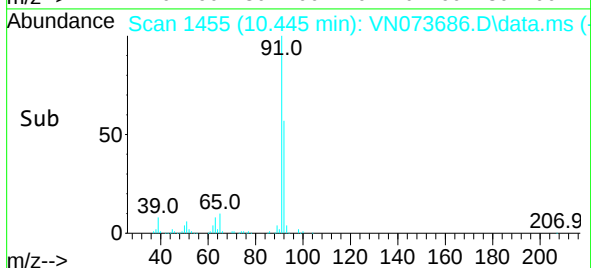
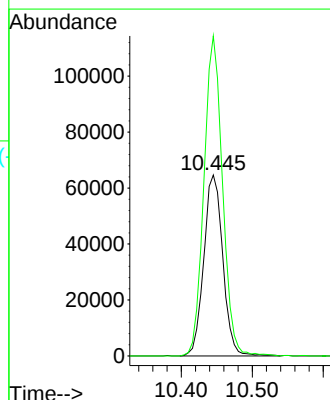
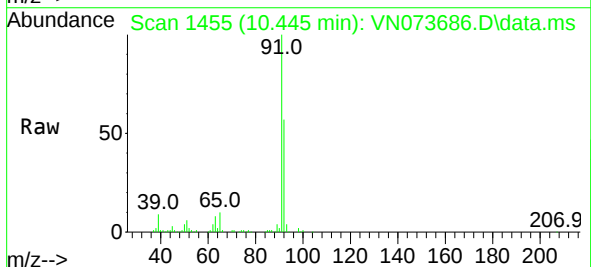
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MSVOA_N
ClientSampleId :
MW-19

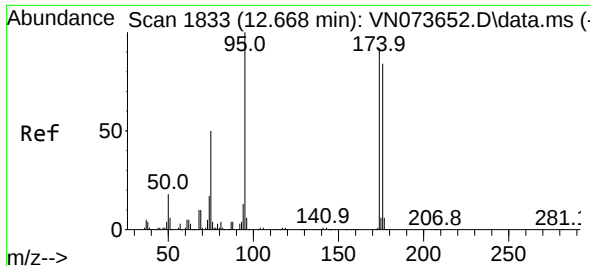
Tgt Ion: 98 Resp: 698338
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#52
Toluene
Concen: 11.154 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 92 Resp: 120557
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8

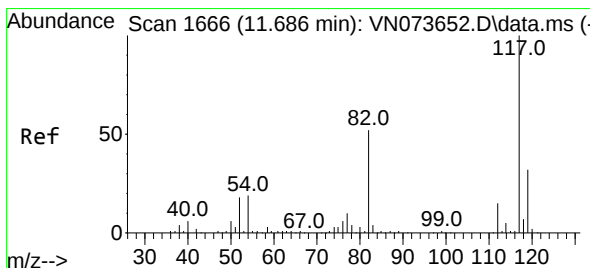
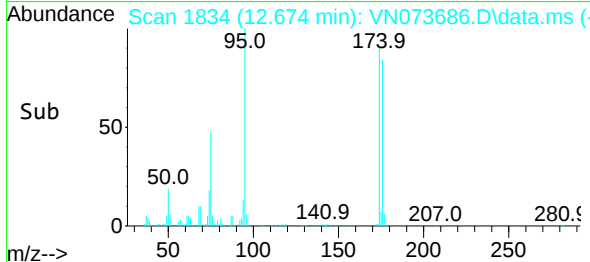
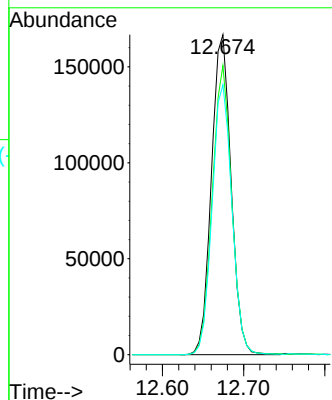
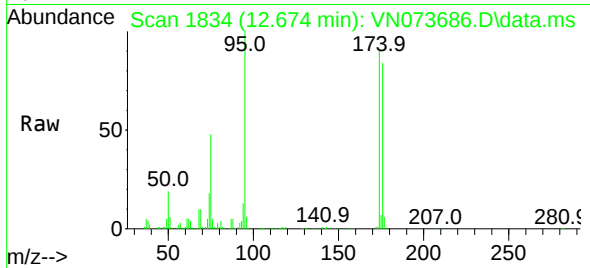




#62
4-Bromofluorobenzene
Concen: 54.790 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

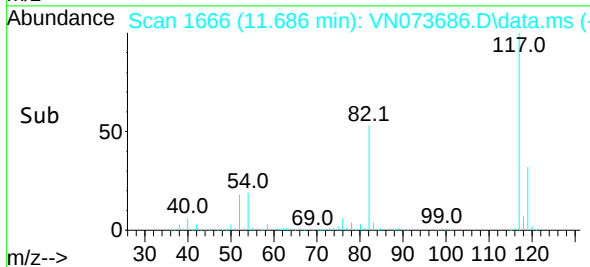
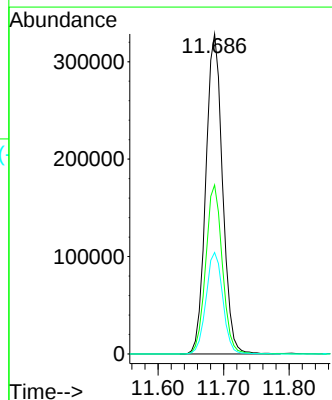
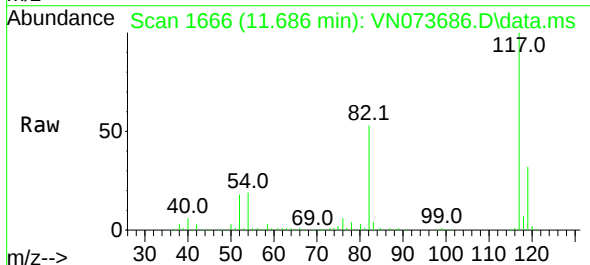
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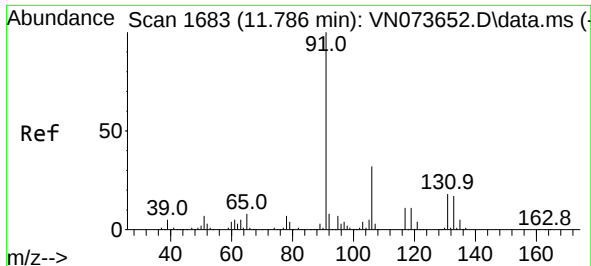
Tgt Ion: 95 Resp: 280524
Ion Ratio Lower Upper
95 100
174 89.0 0.0 167.6
176 85.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 117 Resp: 582255
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 31.7 25.4 38.0

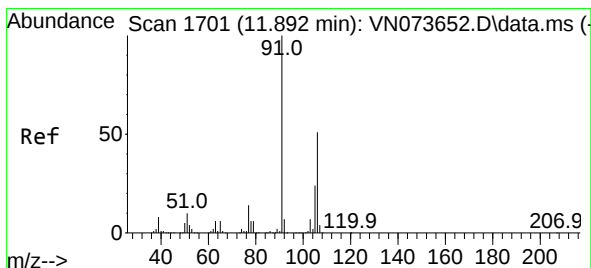
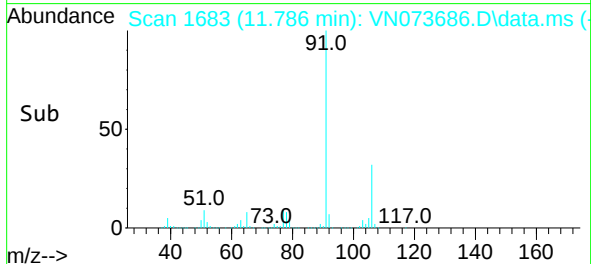
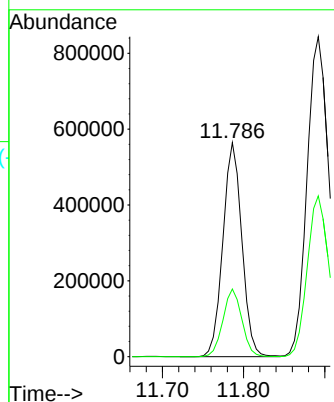
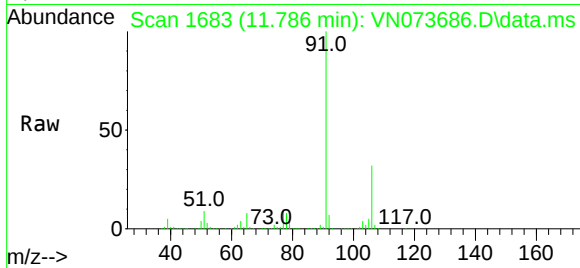




#67
Ethyl Benzene
Concen: 43.951 ug/l
RT: 11.786 min Scan# 117018
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

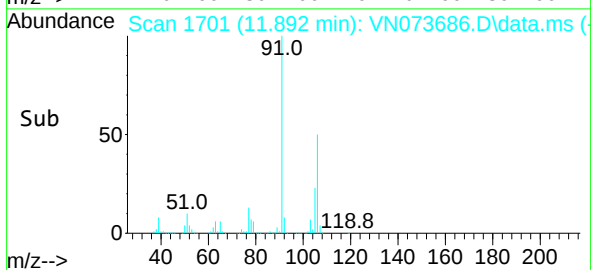
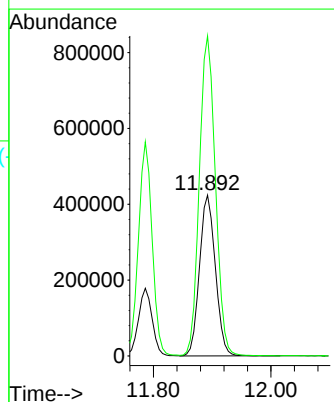
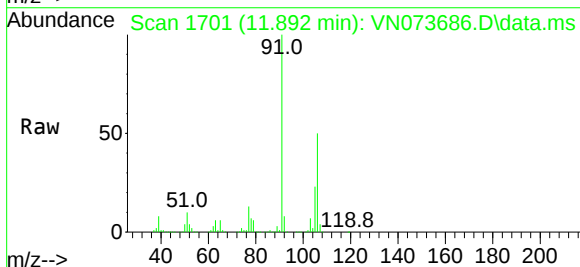
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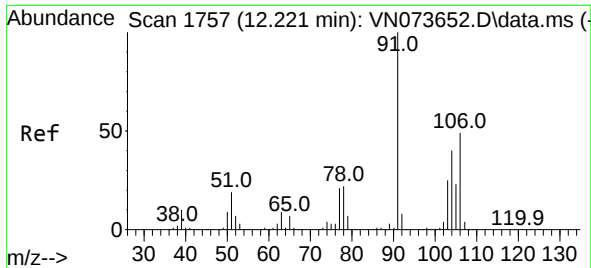
Tgt Ion: 91 Resp: 917018
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 99.693 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 106 Resp: 793338
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3

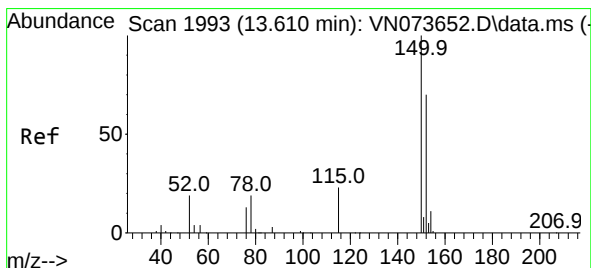
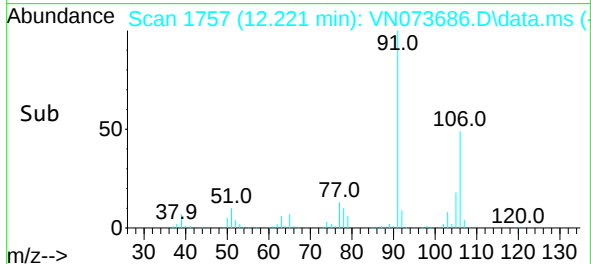
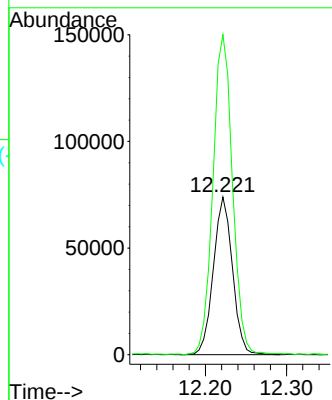
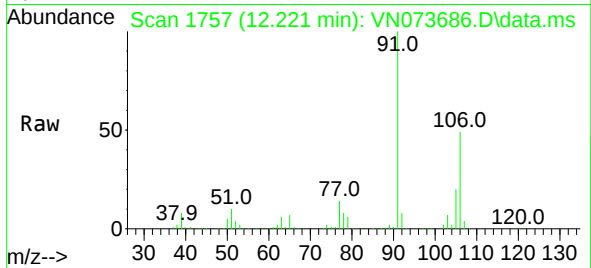




#69
o-Xylene
Concen: 15.580 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

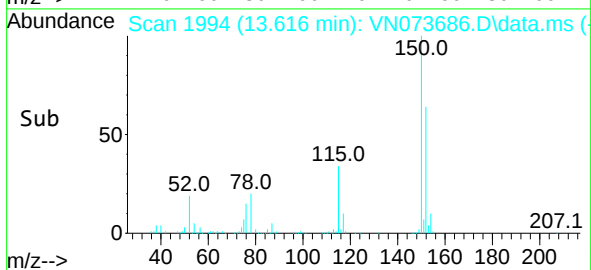
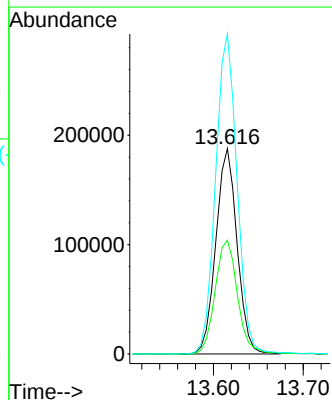
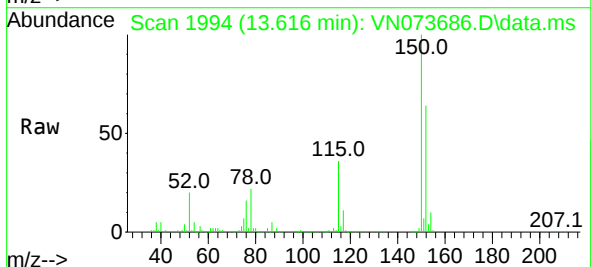
Instrument :
MSVOA_N
ClientSampleId :
MW-19

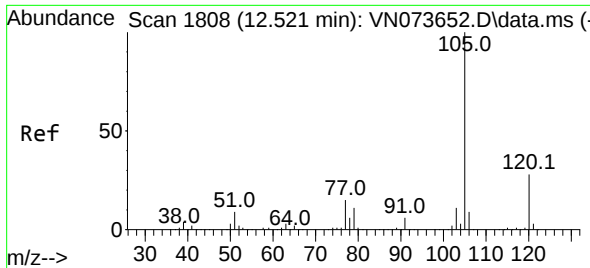
Tgt Ion:106 Resp: 120872
Ion Ratio Lower Upper
106 100
91 208.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion:152 Resp: 308590
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 157.7 0.0 356.2

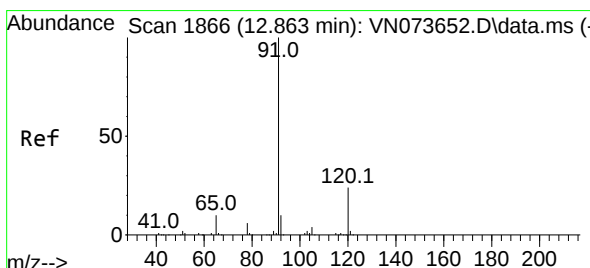
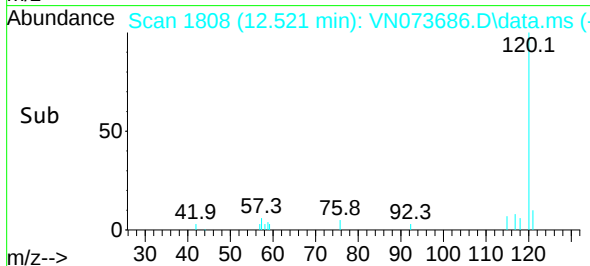
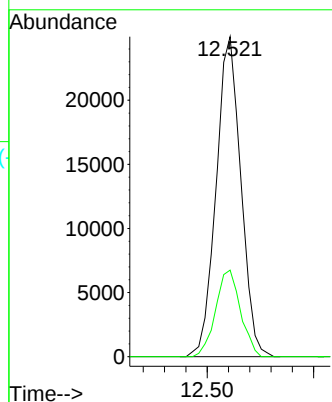
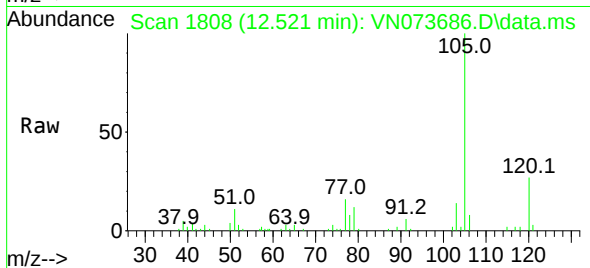




#73
Isopropylbenzene
Concen: 1.778 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

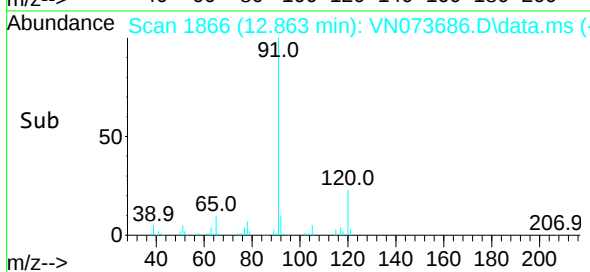
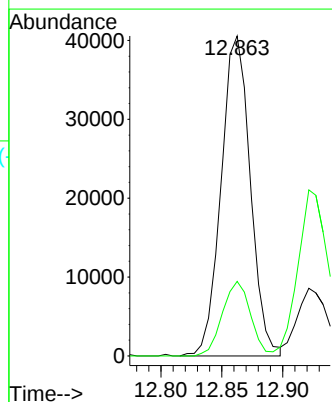
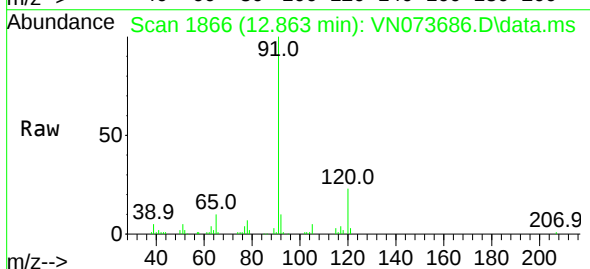
Instrument :
MSVOA_N
ClientSampleId :
MW-19

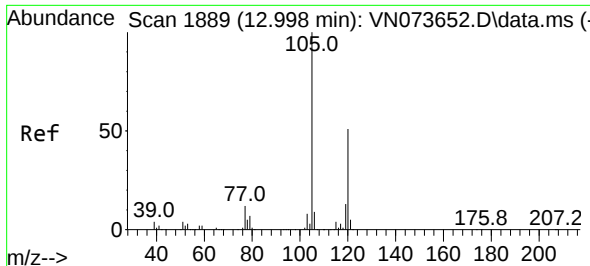
Tgt Ion:105 Resp: 40165
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#78
n-propylbenzene
Concen: 2.665 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073686.D
Acq: 02 Aug 2022 14:47

Tgt Ion: 91 Resp: 67747
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5

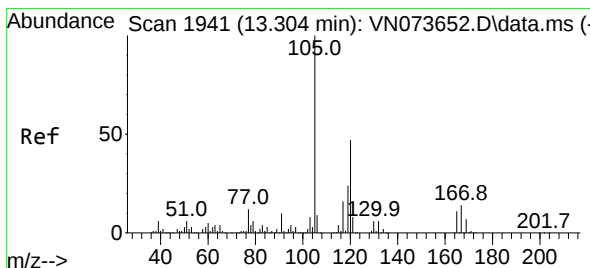
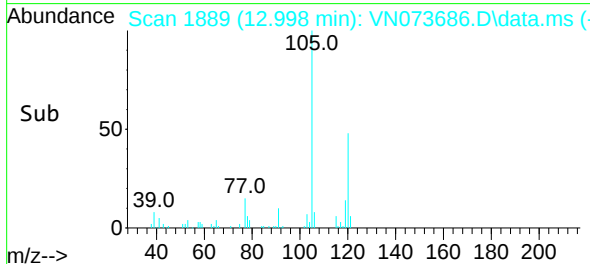
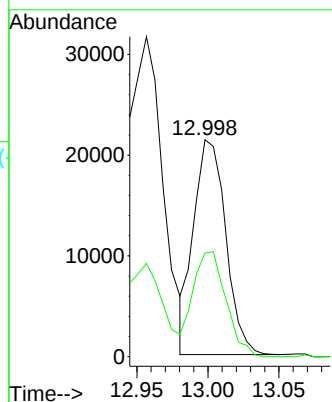
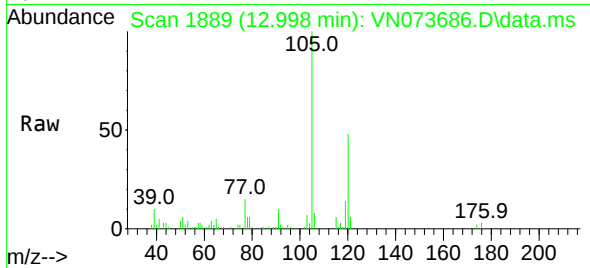




#80
 1,3,5-Trimethylbenzene
 Concen: 1.804 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN073686.D
 Acq: 02 Aug 2022 14:47

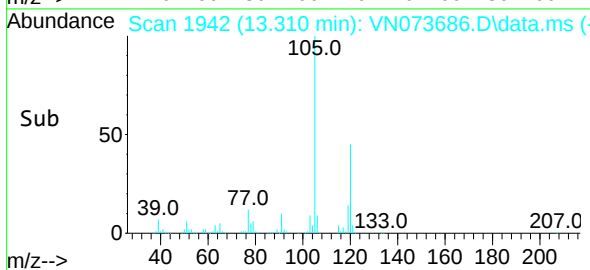
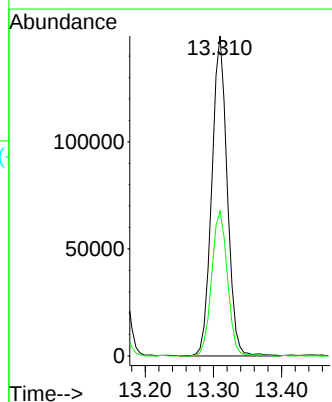
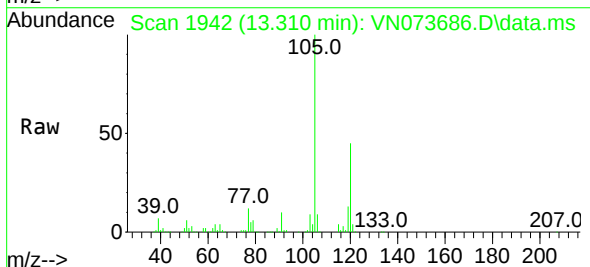
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19

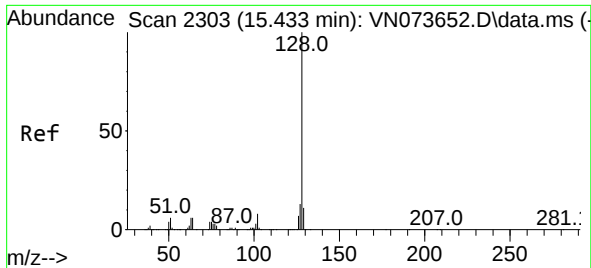
Tgt Ion:105 Resp: 33535
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 12.900 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: VN073686.D
 Acq: 02 Aug 2022 14:47

Tgt Ion:105 Resp: 235803
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8





#95

Naphthalene

Concen: 4.722 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073686.D

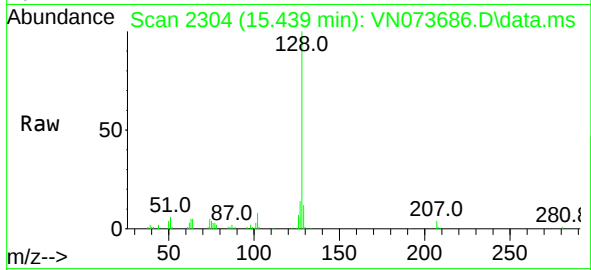
Acq: 02 Aug 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

MW-19



Tgt Ion:128 Resp: 82807

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.3 8.6 13.0

