

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073556.D
 Acq On : 21 Jul 2022 15:14
 Operator : JC\MD
 Sample : N3726-03ME
 Misc : 6.26g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AWOM-12-12.5ME

Quant Time: Jul 22 08:00:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

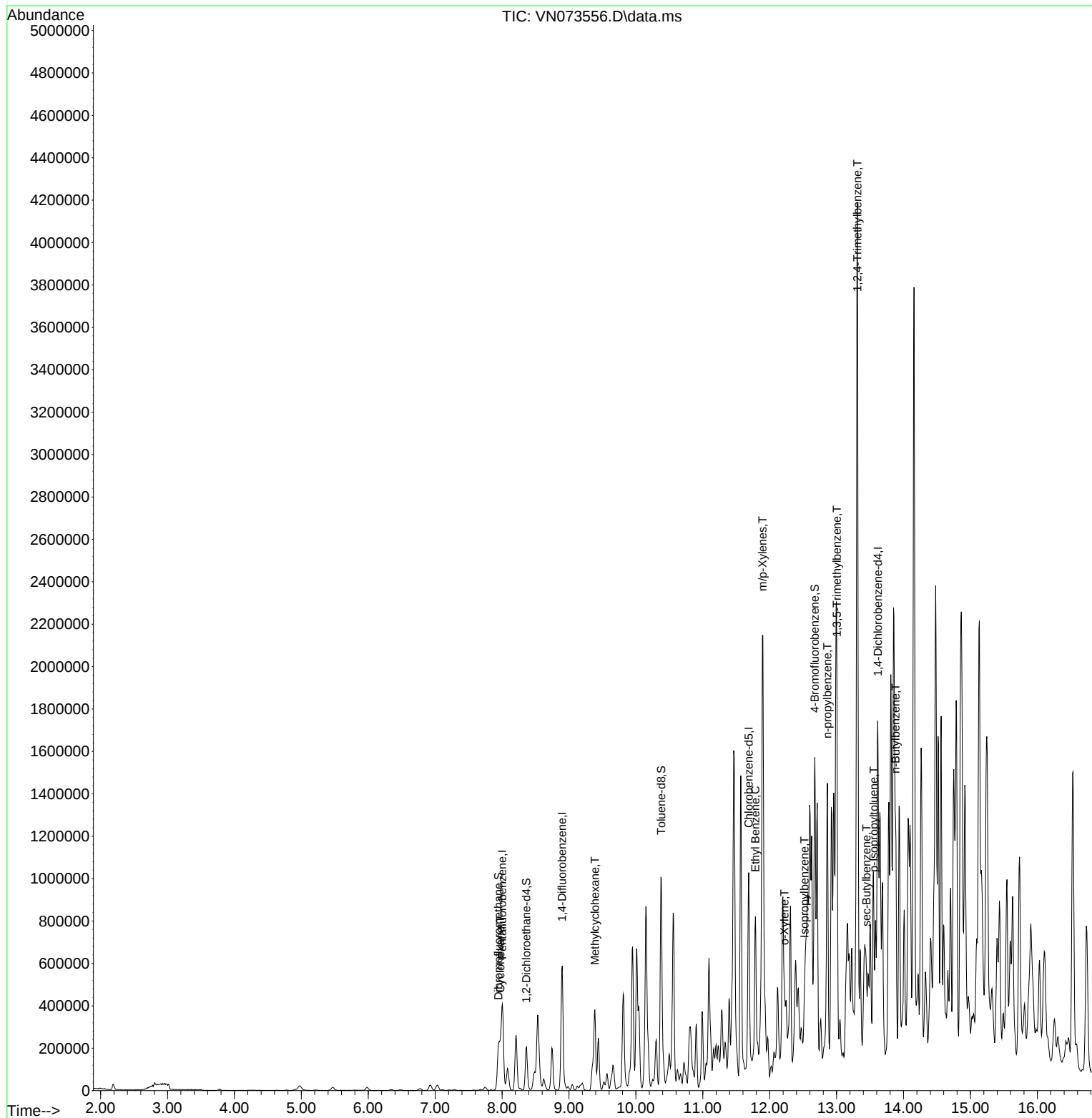
Internal Standards						
1) Pentafluorobenzene	8.004	168	284347	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	459668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	466621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	261546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	164645	40.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.220%
35) Dibromofluoromethane	7.945	113	137661	45.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	10.380	98	525257	48.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.674	95	252160	60.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.820%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.975	56	43901	6.530	ug/l #	43
39) Methylcyclohexane	9.386	83	85112	14.528	ug/l #	80
67) Ethyl Benzene	11.786	91	417449	21.789	ug/l	99
68) m/p-Xylenes	11.892	106	447156	61.842	ug/l	98
69) o-Xylene	12.221	106	35623	4.826	ug/l	97
73) Isopropylbenzene	12.521	105	178811	7.917	ug/l	99
78) n-propylbenzene	12.863	91	1009345	40.228	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	695641	37.788	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	2184675	118.864	ug/l	98
85) sec-Butylbenzene	13.445	105	222083	10.021	ug/l #	53
86) p-Isopropyltoluene	13.557	119	77151	4.310	ug/l	98
89) n-Butylbenzene	13.880	91	731891	49.061	ug/l #	71

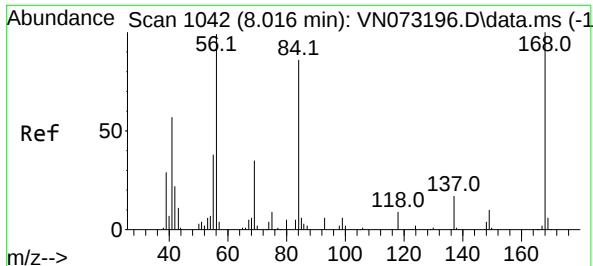
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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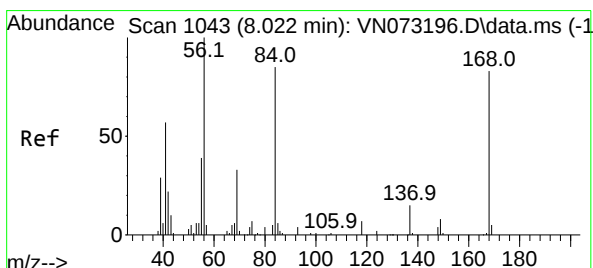
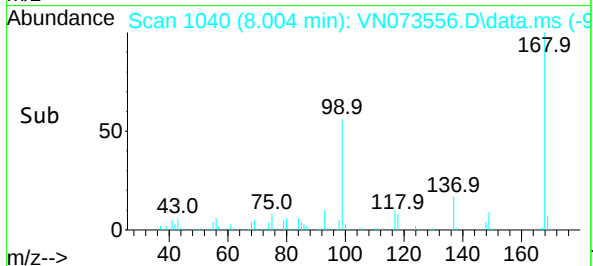
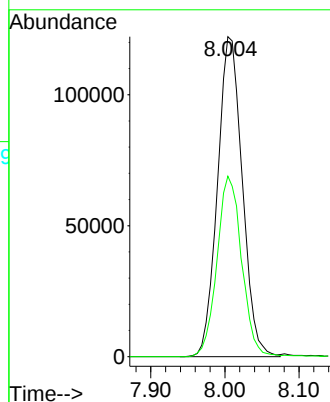
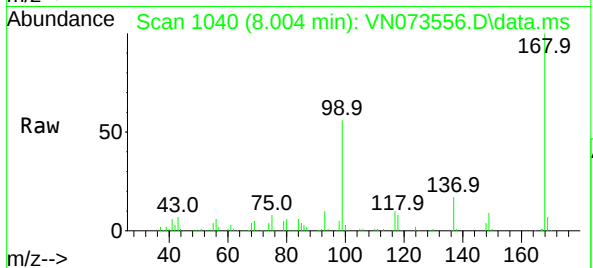




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

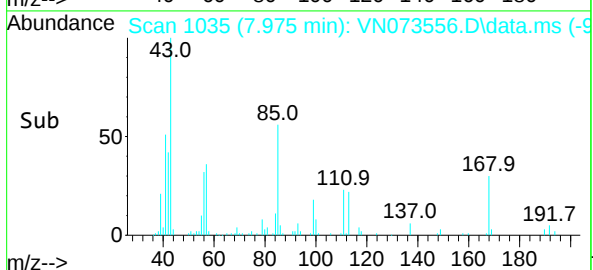
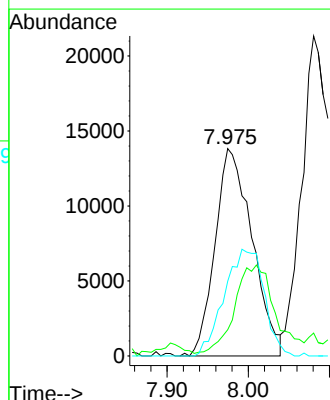
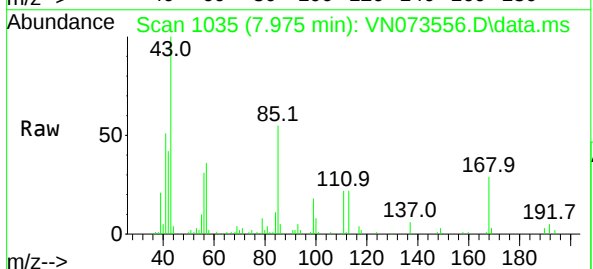
Instrument :
MSVOA_N
ClientSampleId :
AWOM-12-12.5ME

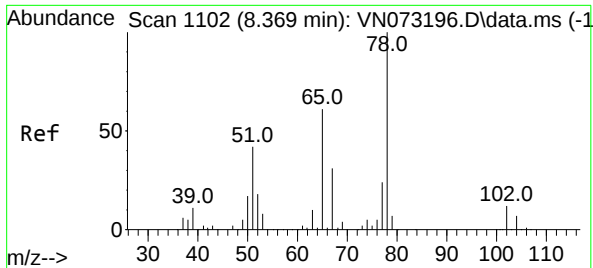
Tgt Ion:168 Resp: 284347
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5



#31
Cyclohexane
Concen: 6.530 ug/l
RT: 7.975 min Scan# 1035
Delta R.T. -0.047 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

Tgt Ion: 56 Resp: 43901
Ion Ratio Lower Upper
56 100
69 8.4 27.8 41.8#
84 36.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 40.110 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073556.D

Acq: 21 Jul 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

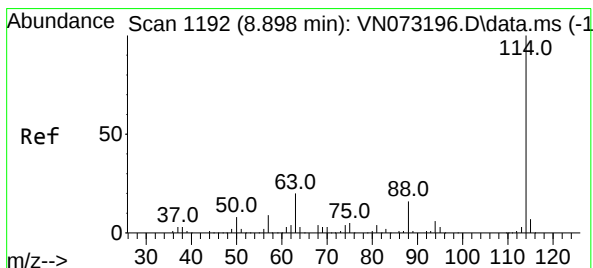
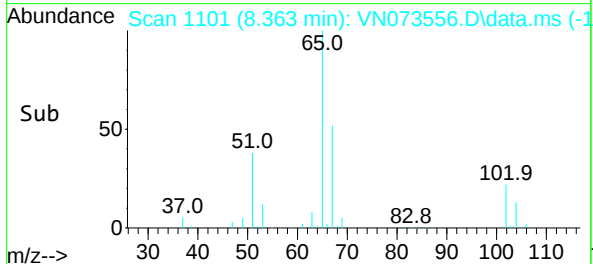
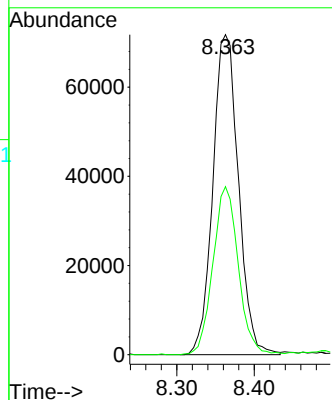
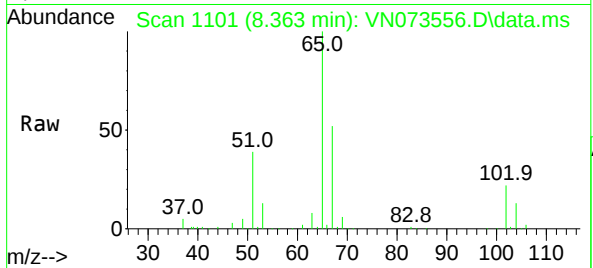
AWOM-12-12.5ME

Tgt Ion: 65 Resp: 164645

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073556.D

Acq: 21 Jul 2022 15:14

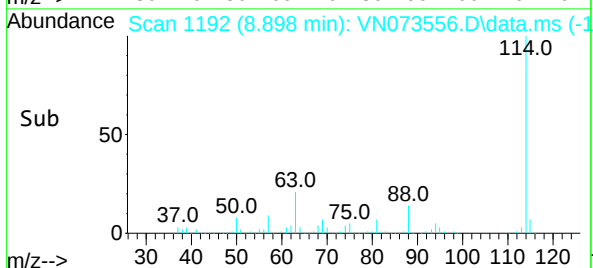
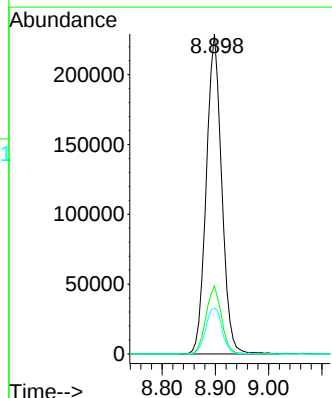
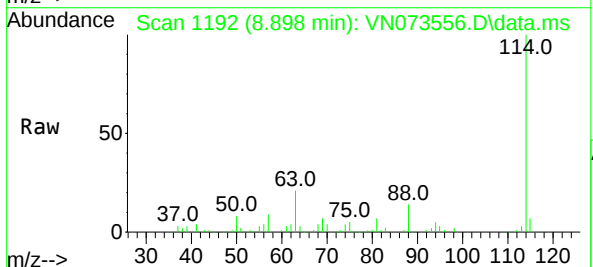
Tgt Ion: 114 Resp: 459668

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.4 0.0 32.6

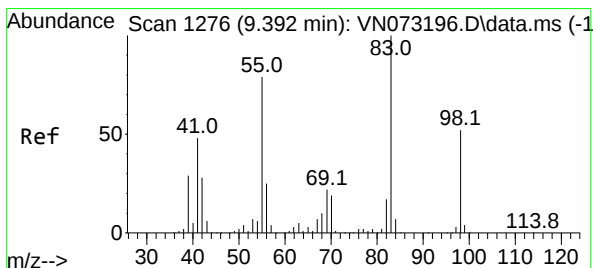
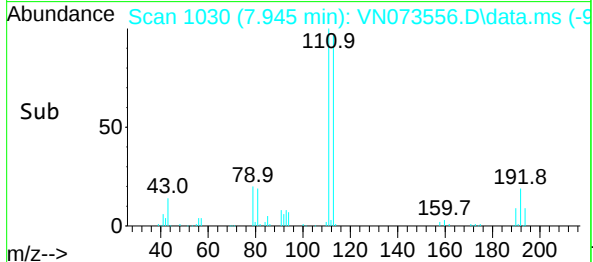
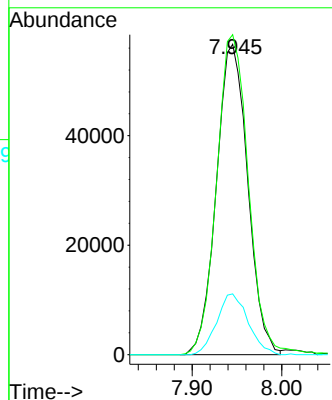
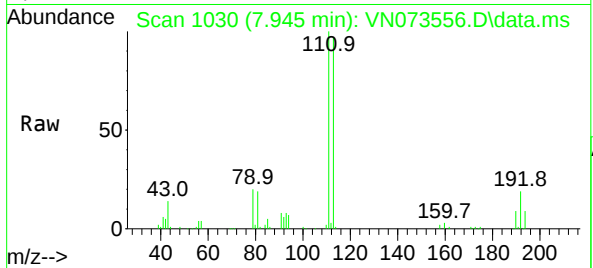




#35
Dibromofluoromethane
Concen: 45.013 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

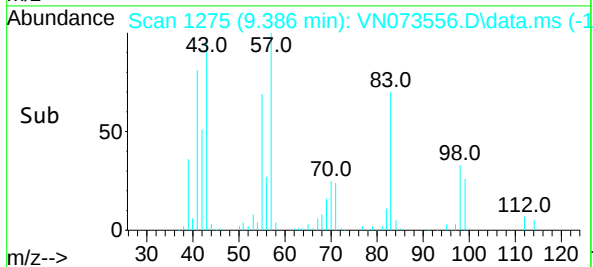
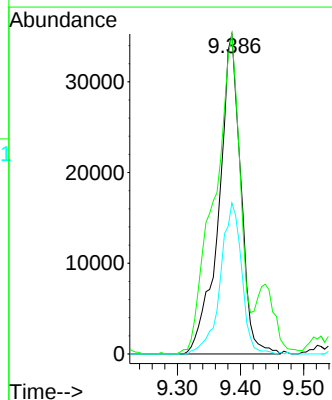
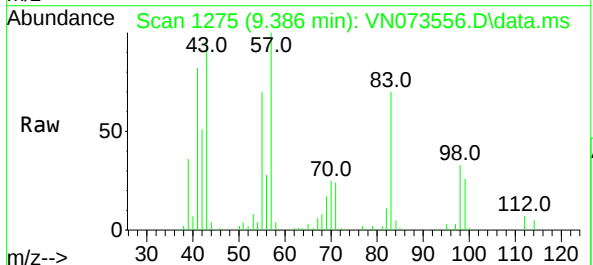
Instrument :
MSVOA_N
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AWOM-12-12.5ME

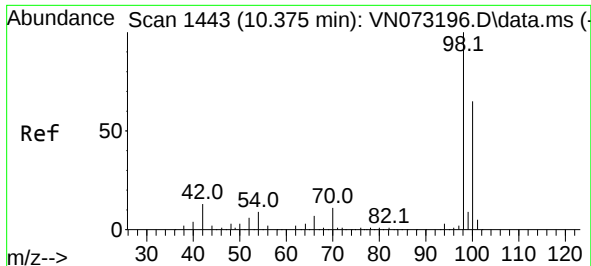
Tgt Ion:113 Resp: 137661
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.0
192 19.6 17.0 25.6



#39
Methylcyclohexane
Concen: 14.528 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

Tgt Ion: 83 Resp: 85112
Ion Ratio Lower Upper
83 100
55 99.3 57.8 86.8#
98 47.2 39.4 59.2

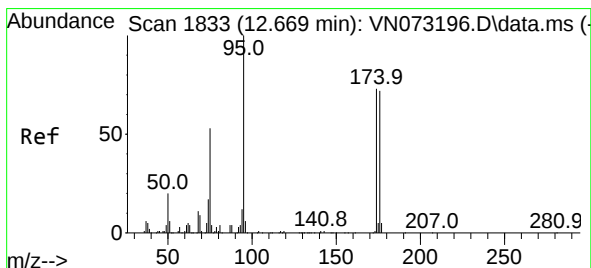
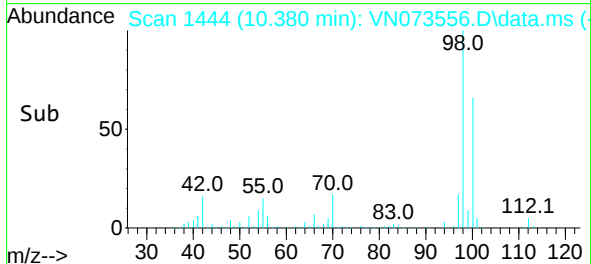
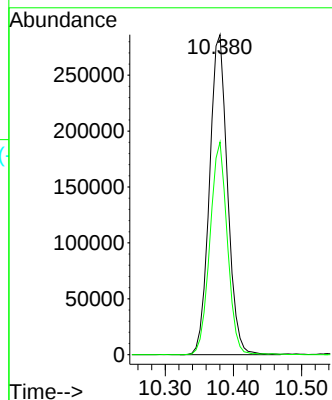
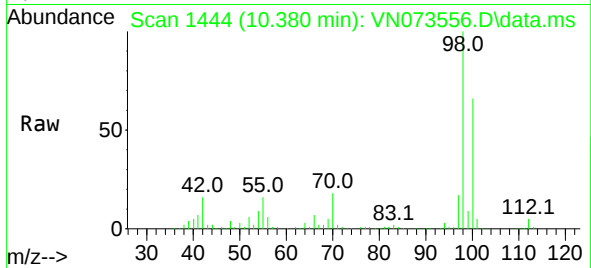




#50
Toluene-d8
Concen: 48.358 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

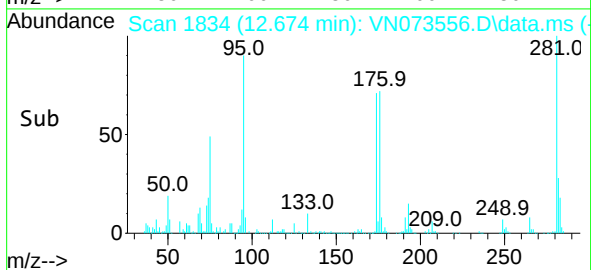
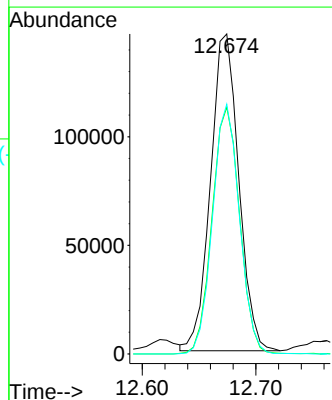
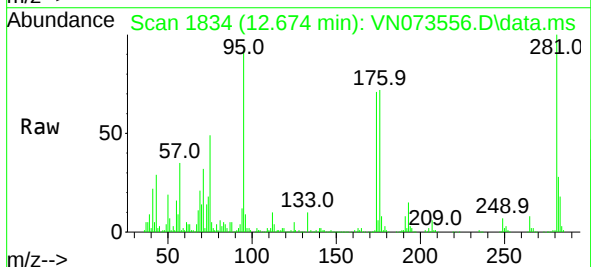
Instrument :
MSVOA_N
ClientSampleId :
AWOM-12-12.5ME

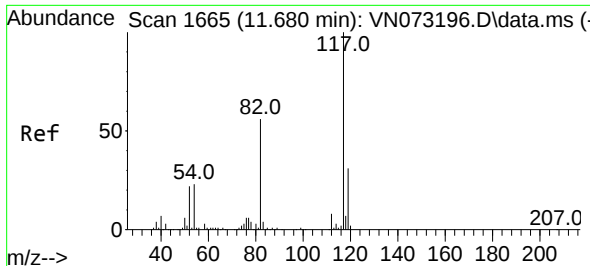
Tgt Ion: 98 Resp: 525257
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.410 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

Tgt Ion: 95 Resp: 252160
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 74.9 0.0 163.4

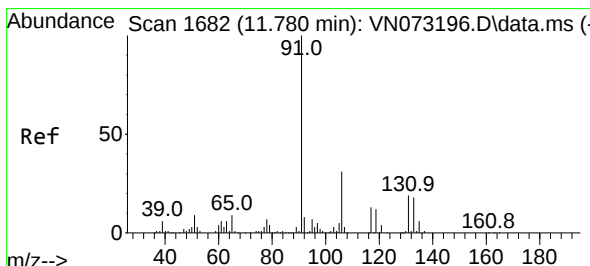
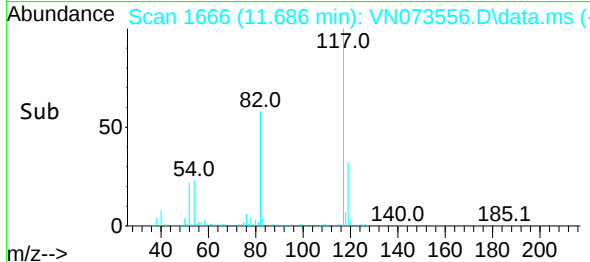
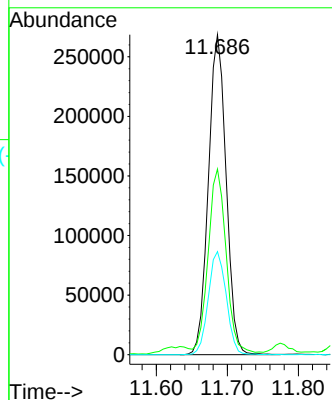
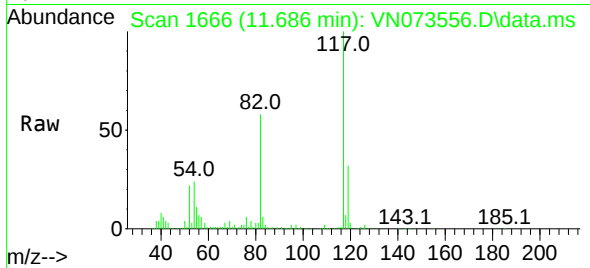




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

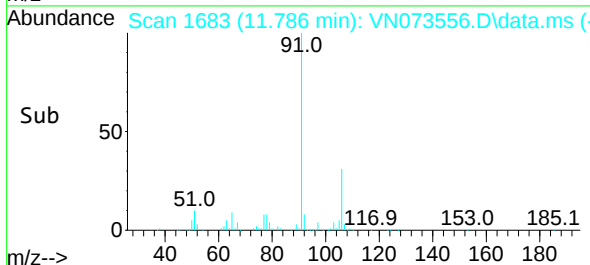
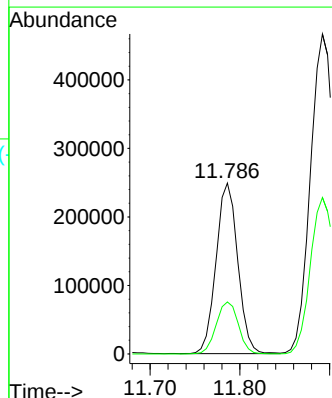
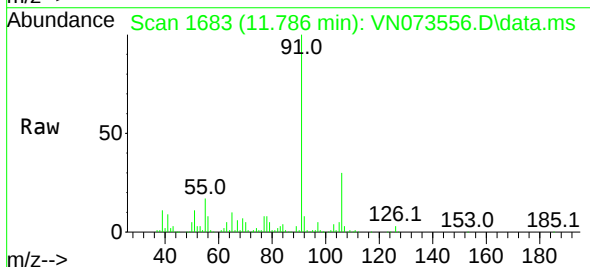
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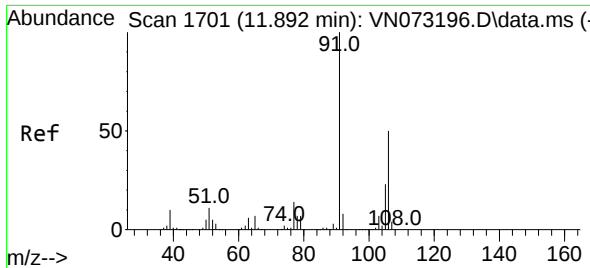
Tgt Ion:117 Resp: 466621
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 21.789 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

Tgt Ion: 91 Resp: 417449
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

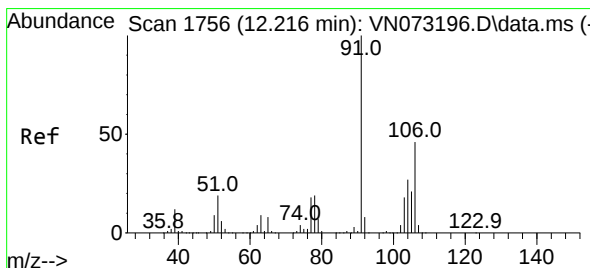
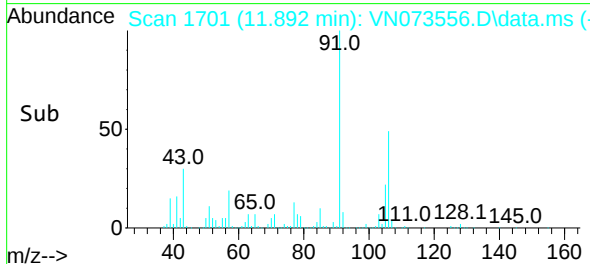
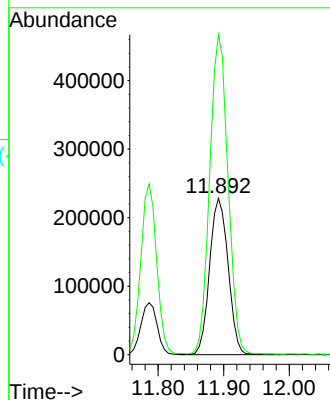
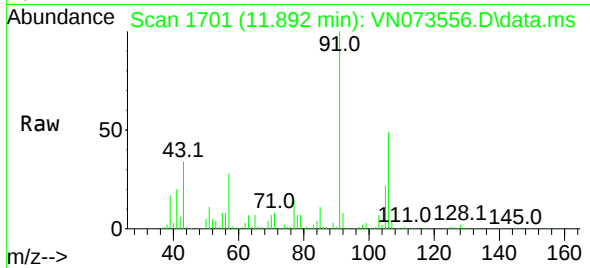




#68
m/p-Xylenes
Concen: 61.842 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

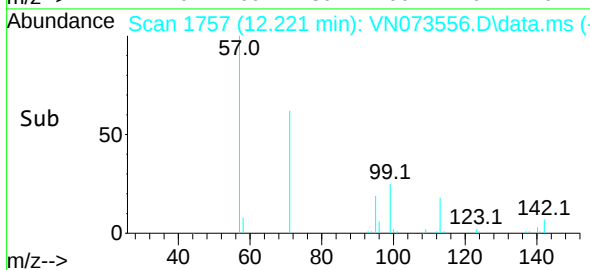
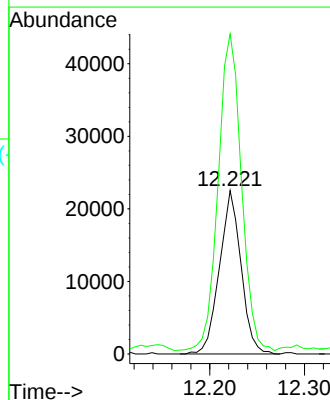
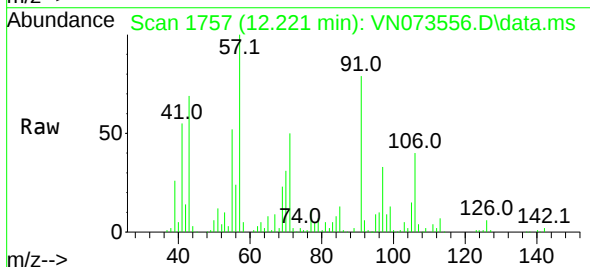
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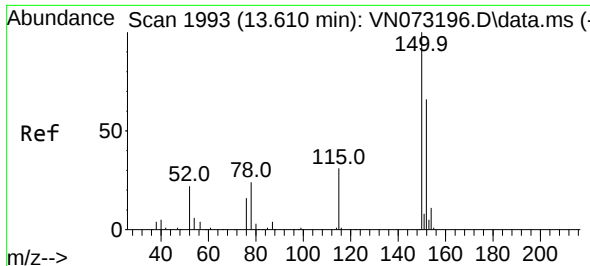
Tgt Ion:106 Resp: 447156
Ion Ratio Lower Upper
106 100
91 202.1 158.9 238.3



#69
o-Xylene
Concen: 4.826 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

Tgt Ion:106 Resp: 35623
Ion Ratio Lower Upper
106 100
91 208.0 106.0 318.0

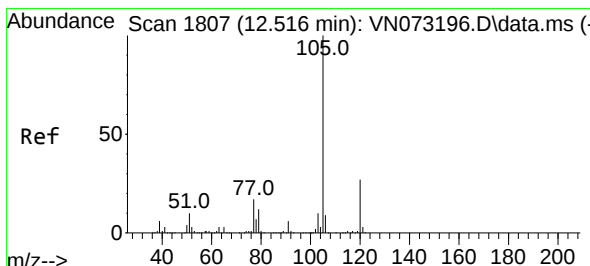
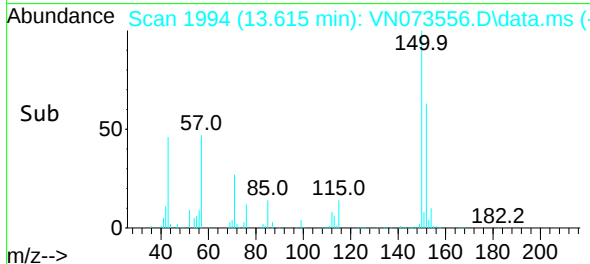
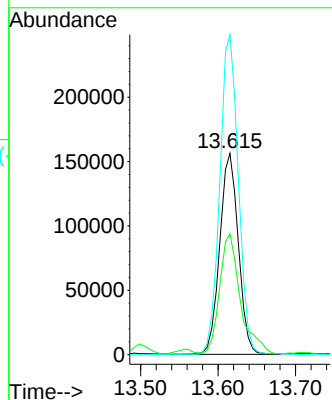
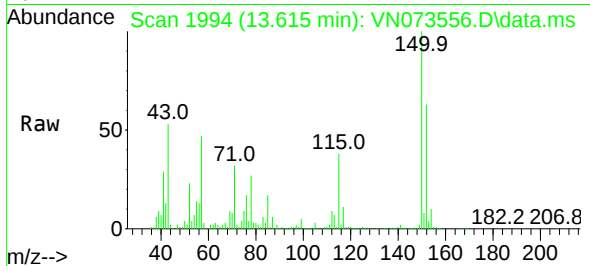




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

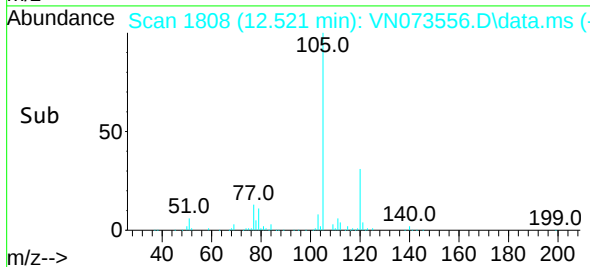
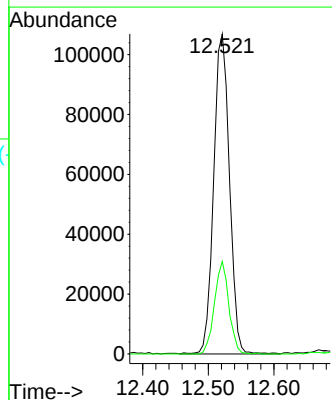
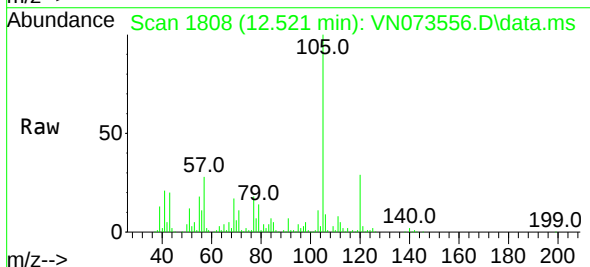
Instrument :
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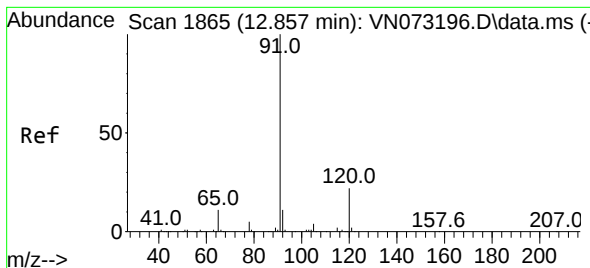
Tgt Ion:152 Resp: 261546
Ion Ratio Lower Upper
152 100
115 65.9 28.9 86.7
150 158.5 0.0 356.2



#73
Isopropylbenzene
Concen: 7.917 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073556.D
Acq: 21 Jul 2022 15:14

Tgt Ion:105 Resp: 178811
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





#78

n-propylbenzene

Concen: 40.228 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073556.D

Acq: 21 Jul 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

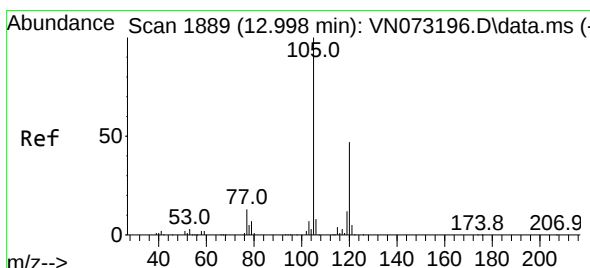
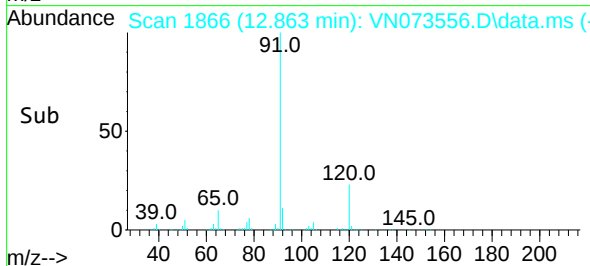
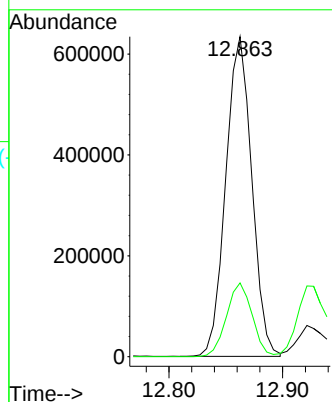
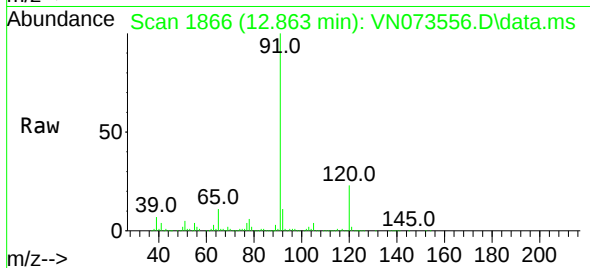
AWOM-12-12.5ME

Tgt Ion: 91 Resp: 1009345

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 37.788 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073556.D

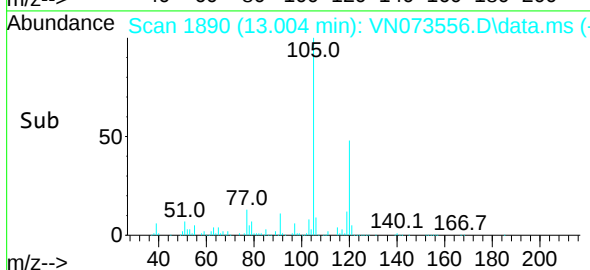
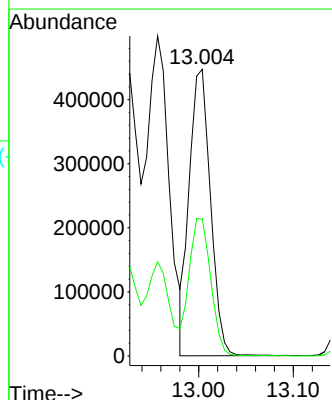
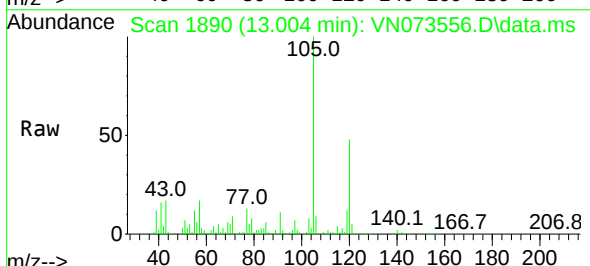
Acq: 21 Jul 2022 15:14

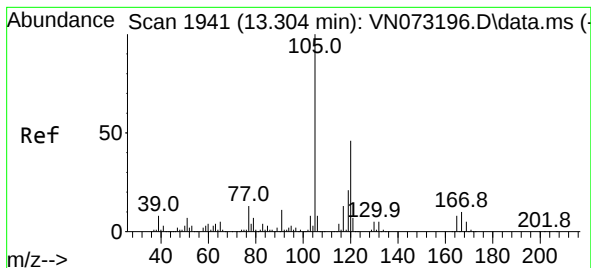
Tgt Ion: 105 Resp: 695641

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 118.864 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073556.D

Acq: 21 Jul 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

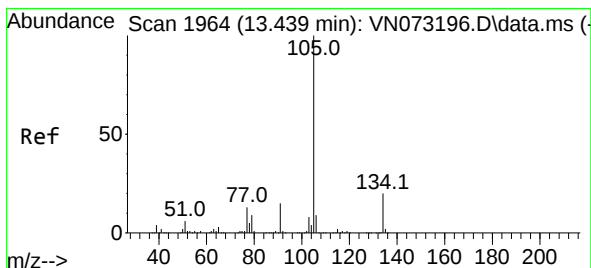
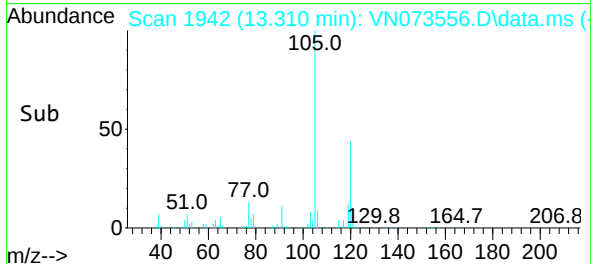
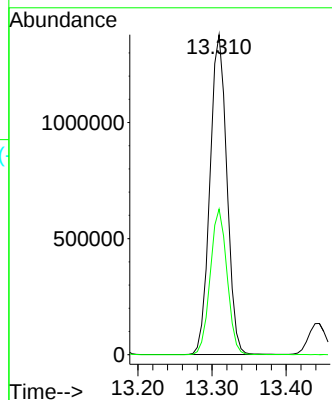
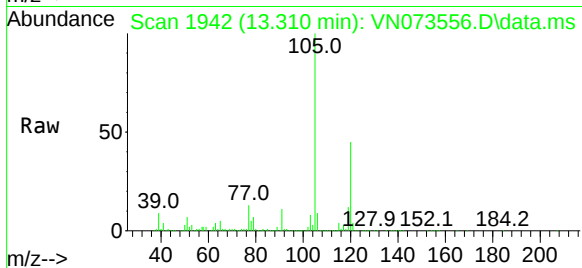
AWOM-12-12.5ME

Tgt Ion:105 Resp: 2184675

Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 10.021 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VN073556.D

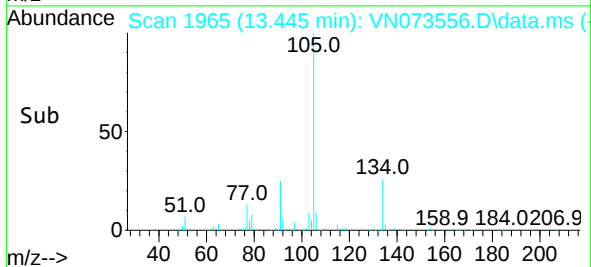
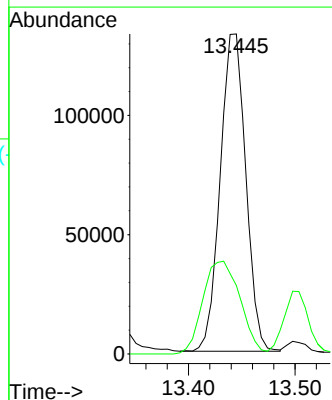
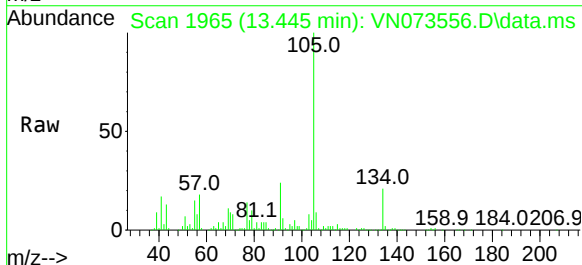
Acq: 21 Jul 2022 15:14

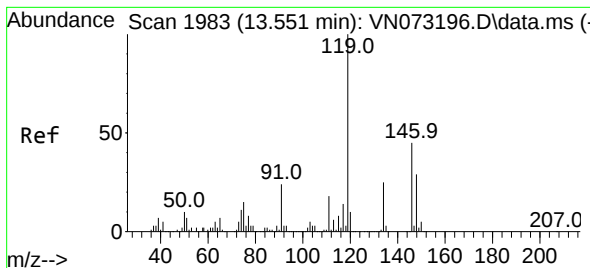
Tgt Ion:105 Resp: 222083

Ion Ratio Lower Upper

105 100

134 42.4 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 4.310 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN073556.D

Acq: 21 Jul 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

AWOM-12-12.5ME

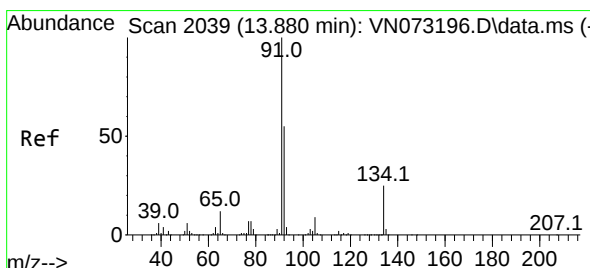
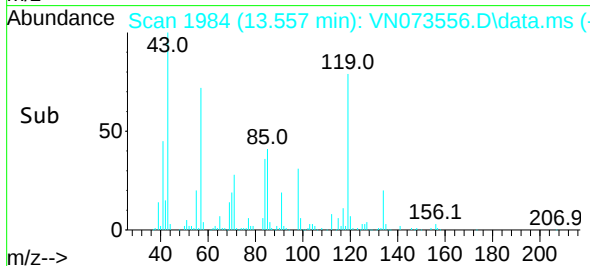
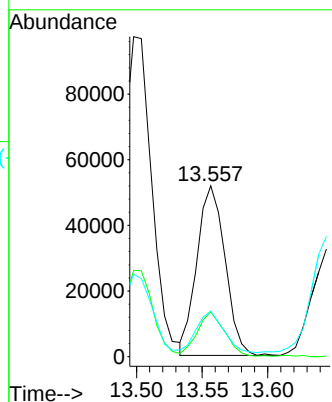
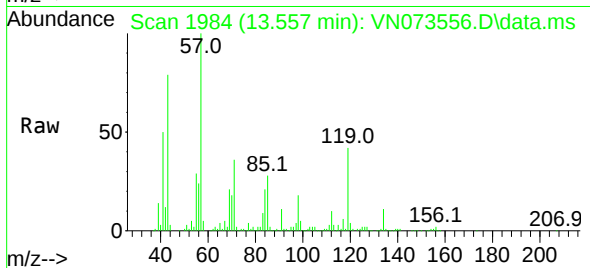
Tgt Ion:119 Resp: 77151

Ion Ratio Lower Upper

119 100

134 25.3 13.3 39.8

91 23.5 11.3 33.9



#89

n-Butylbenzene

Concen: 49.061 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073556.D

Acq: 21 Jul 2022 15:14

Tgt Ion: 91 Resp: 731891

Ion Ratio Lower Upper

91 100

92 41.5 26.9 80.7

134 0.0 13.6 40.8#

