

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073695.D
 Acq On : 02 Aug 2022 18:29
 Operator : JC\MD
 Sample : N3971-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COP-1R

Quant Time: Aug 03 02:09:46 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)

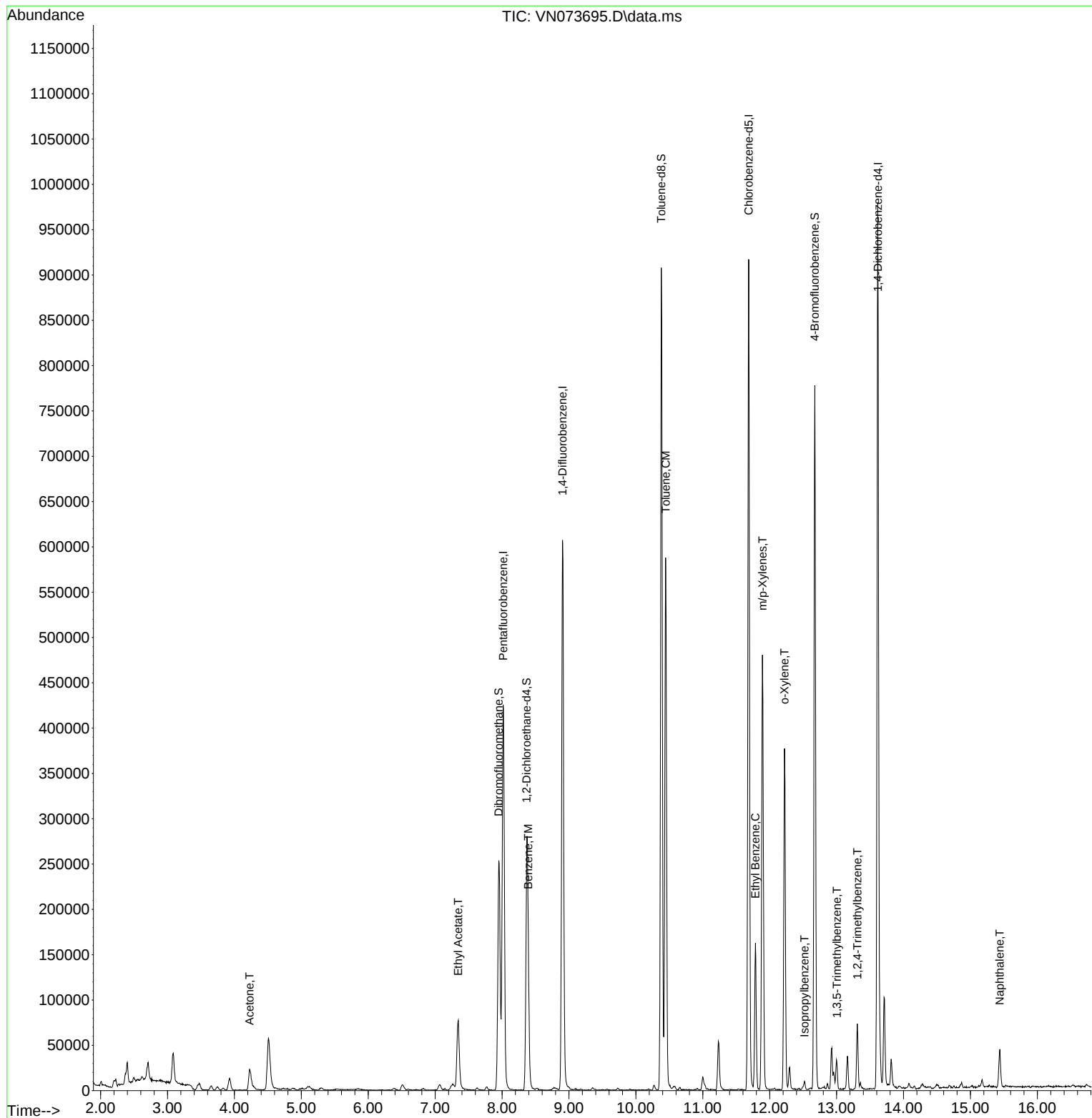
Internal Standards						
1) Pentafluorobenzene	8.016	168	340879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	556672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	541580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	267139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206619	49.738	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.480%			
35) Dibromofluoromethane	7.951	113	192232	54.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.980%			
50) Toluene-d8	10.380	98	643449	46.778	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.560%			
62) 4-Bromofluorobenzene	12.674	95	253571	54.277	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.560%			
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	43832	19.645	ug/l	94
37) Ethyl Acetate	7.345	43	121641	18.540	ug/l	100
40) Benzene	8.392	78	71667	4.430	ug/l	98
52) Toluene	10.445	92	256011	25.908	ug/l	97
67) Ethyl Benzene	11.786	91	114043	5.876	ug/l	100
68) m/p-Xylenes	11.892	106	157147	21.231	ug/l	98
69) o-Xylene	12.221	106	102536	14.209	ug/l	99
73) Isopropylbenzene	12.521	105	5309	0.271	ug/l	94
80) 1,3,5-Trimethylbenzene	13.004	105	14144	0.879	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	39349	2.487	ug/l	98
95) Naphthalene	15.439	128	38847	2.559	ug/l	98

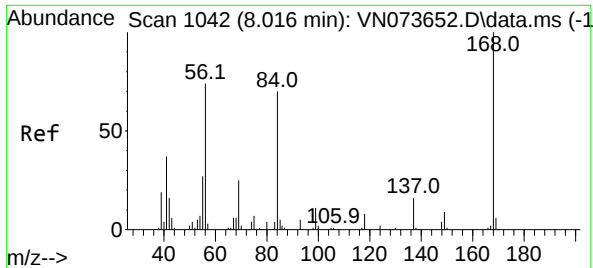
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
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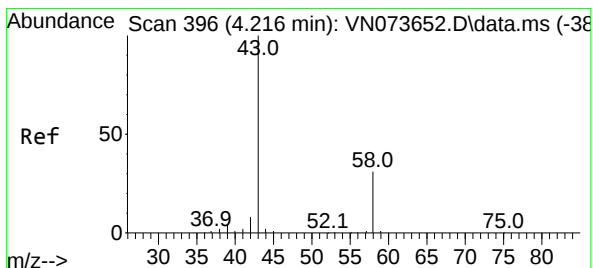
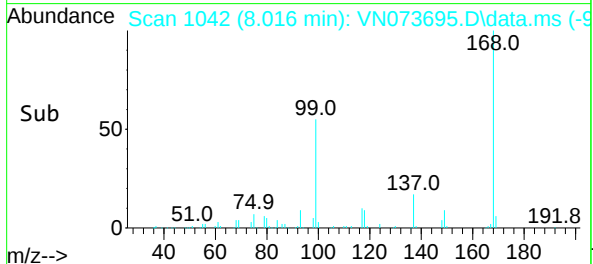
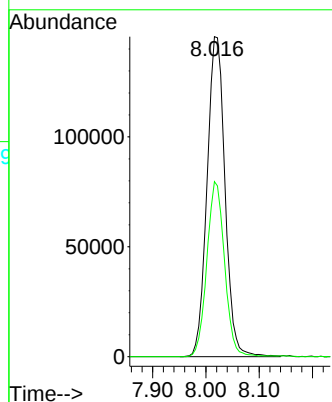
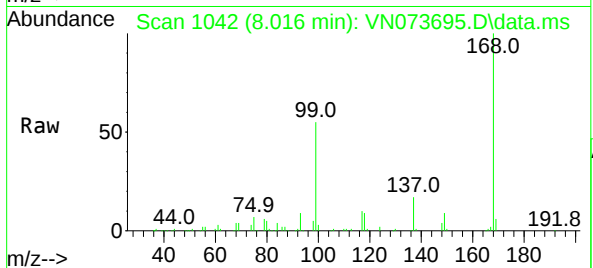




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

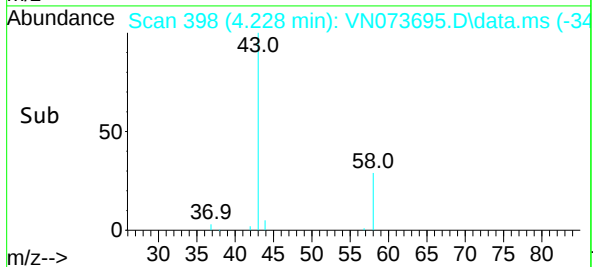
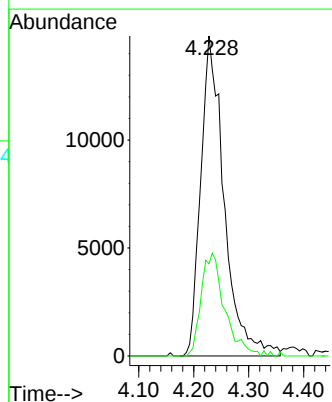
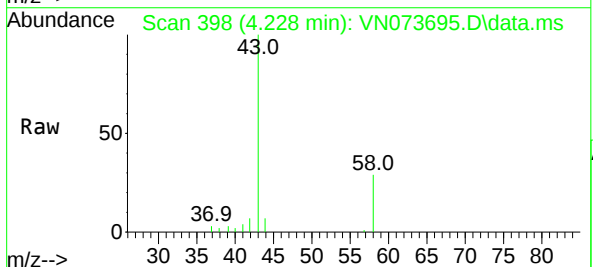
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

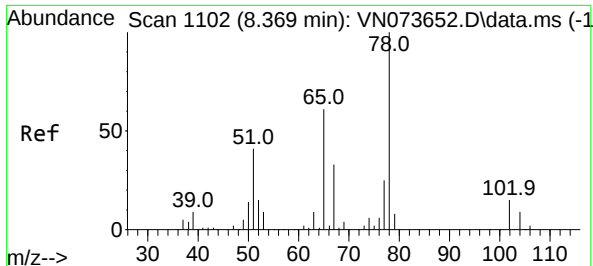
Tgt Ion:168 Resp: 340879
Ion Ratio Lower Upper
168 100
99 54.7 42.3 63.5



#16
Acetone
Concen: 19.645 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Tgt Ion: 43 Resp: 43832
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 49.738 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073695.D

Acq: 02 Aug 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

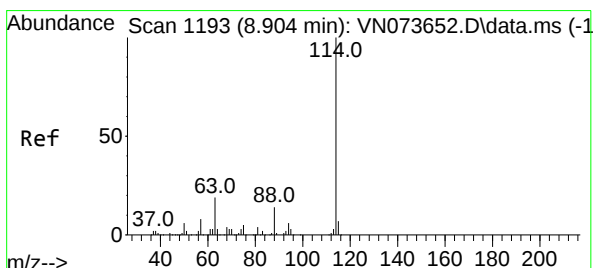
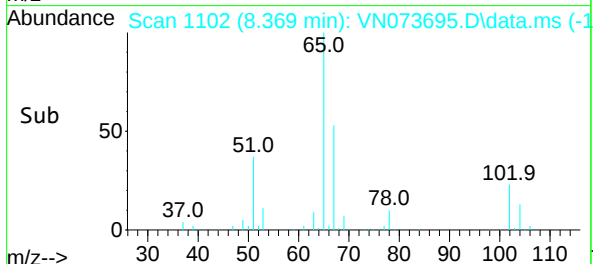
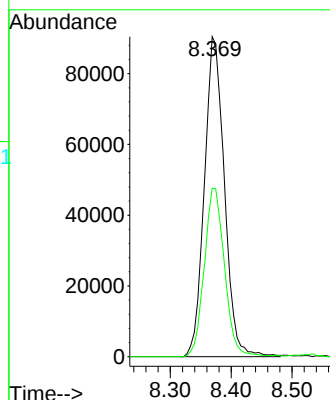
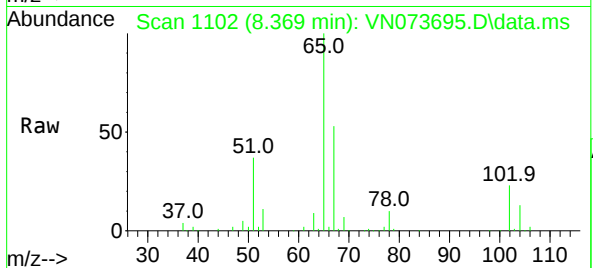
COP-1R

Tgt Ion: 65 Resp: 206619

Ion Ratio Lower Upper

65 100

67 53.2 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: VN073695.D

Acq: 02 Aug 2022 18:29

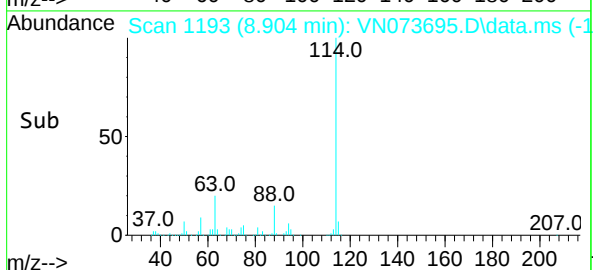
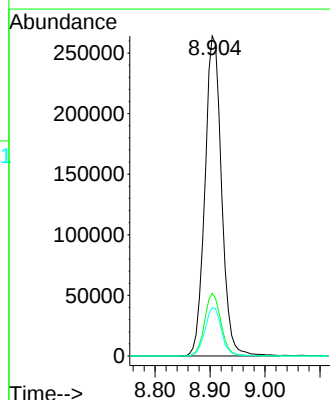
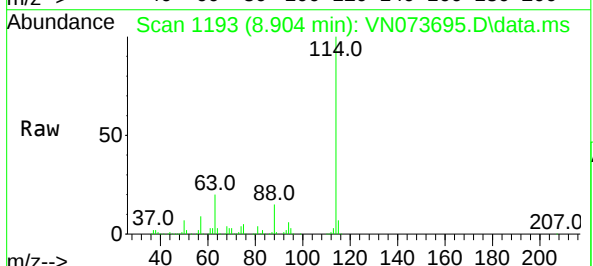
Tgt Ion: 114 Resp: 556672

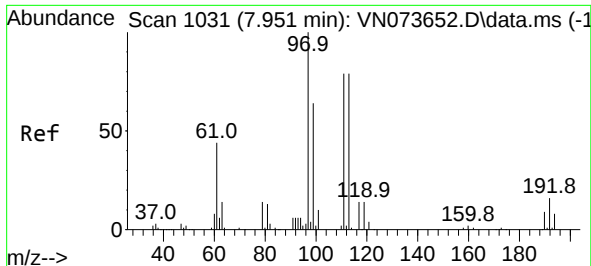
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.993 ug/l

RT: 7.951 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN073695.D

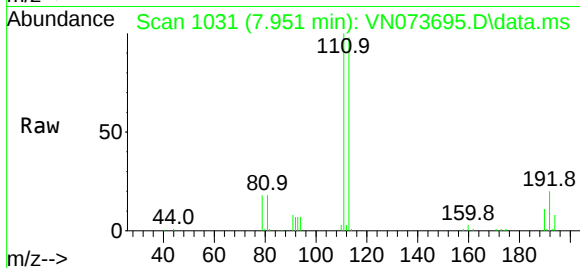
Acq: 02 Aug 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

COP-1R



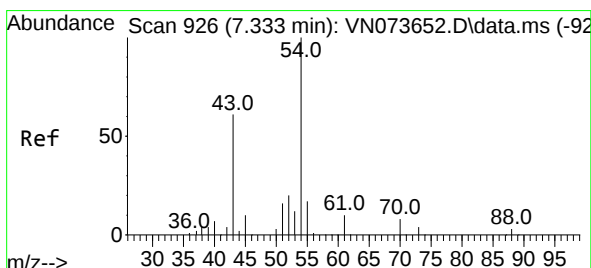
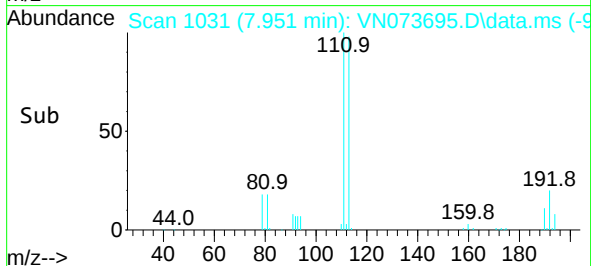
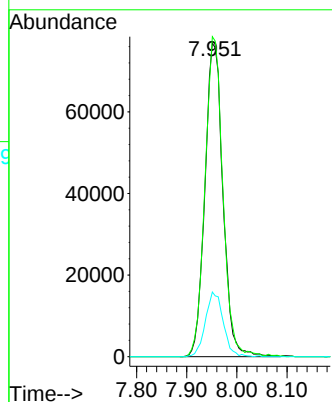
Tgt Ion:113 Resp: 192232

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 20.4 17.0 25.6



#37

Ethyl Acetate

Concen: 18.540 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.006 min

Lab File: VN073695.D

Acq: 02 Aug 2022 18:29

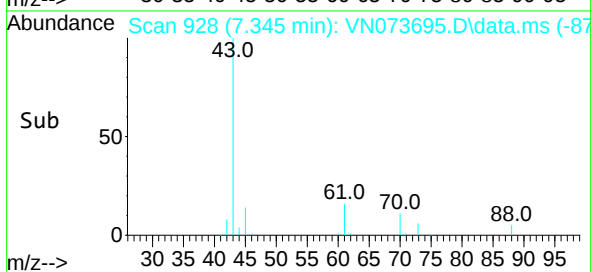
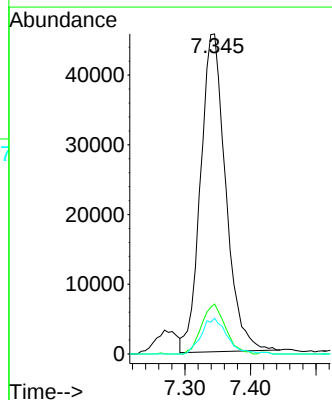
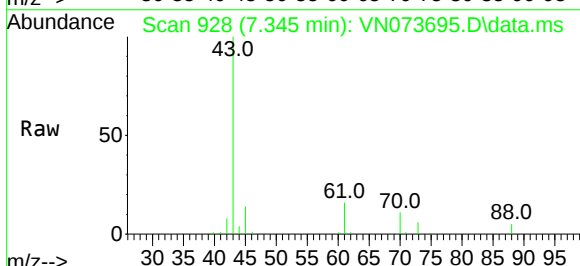
Tgt Ion: 43 Resp: 121641

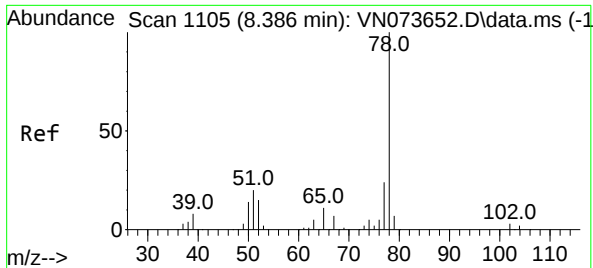
Ion Ratio Lower Upper

43 100

61 14.9 11.8 17.6

70 11.5 9.3 13.9

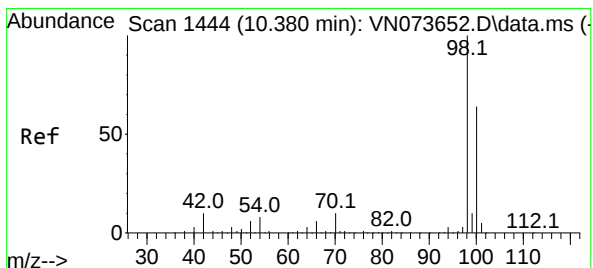
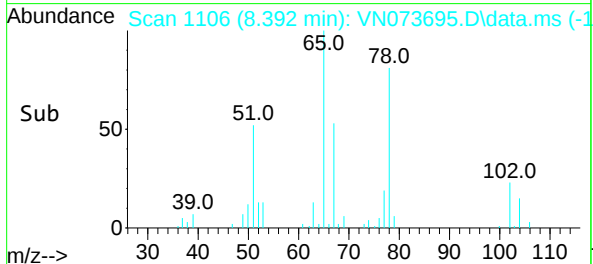
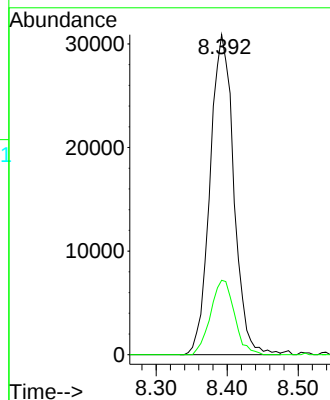
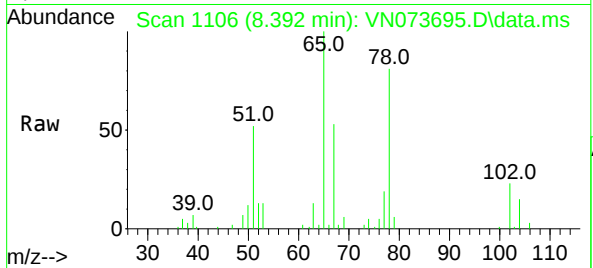




#40
Benzene
Concen: 4.430 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

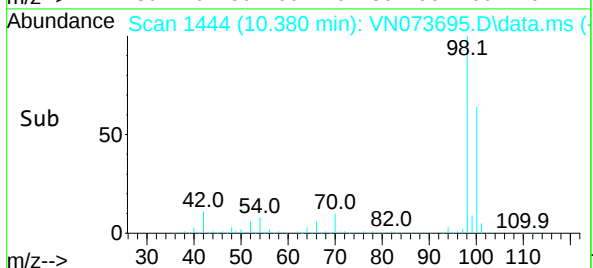
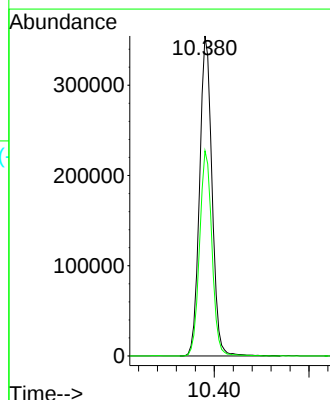
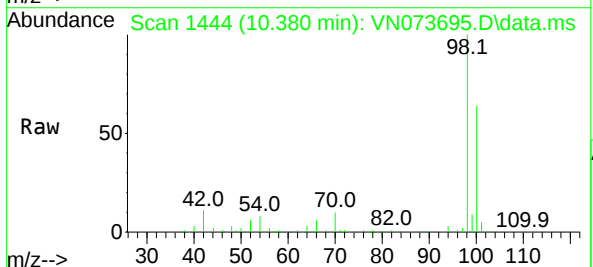
Instrument :
MSVOA_N
ClientSampleId :
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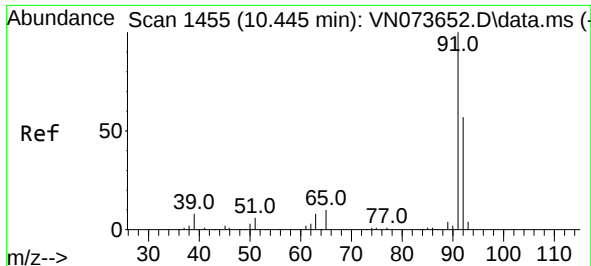
Tgt Ion: 78 Resp: 71667
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0



#50
Toluene-d8
Concen: 46.778 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Tgt Ion: 98 Resp: 643449
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

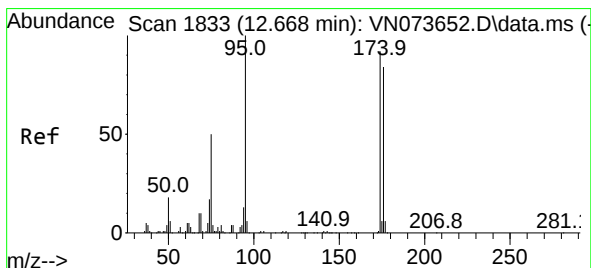
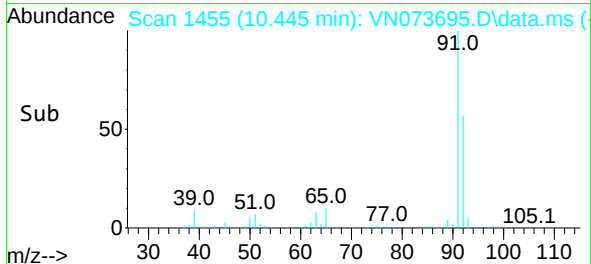
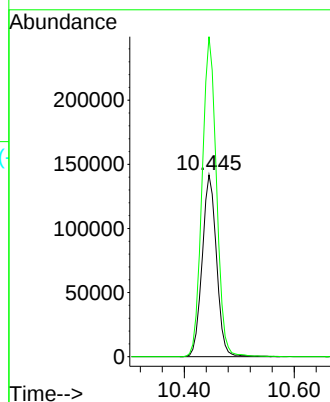
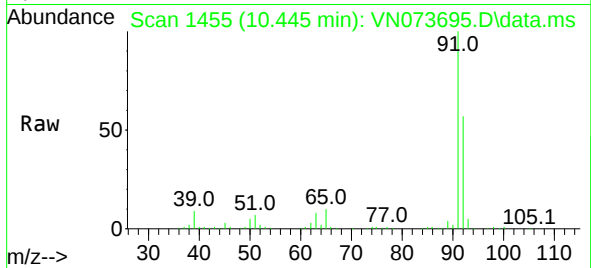




#52
Toluene
Concen: 25.908 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

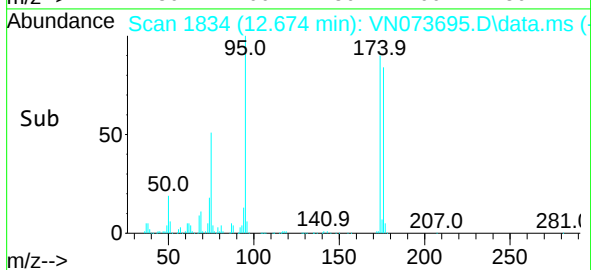
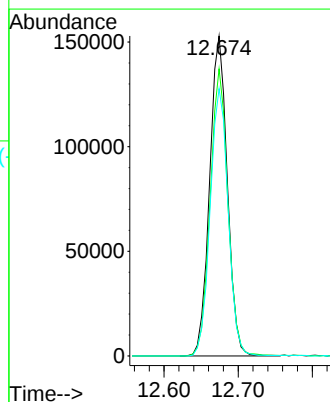
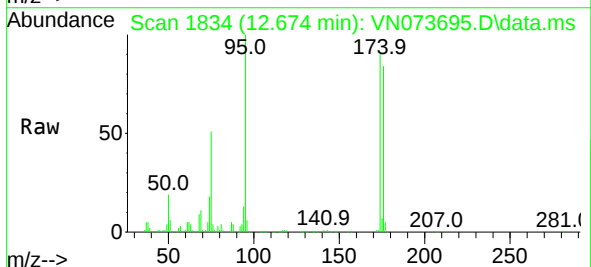
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

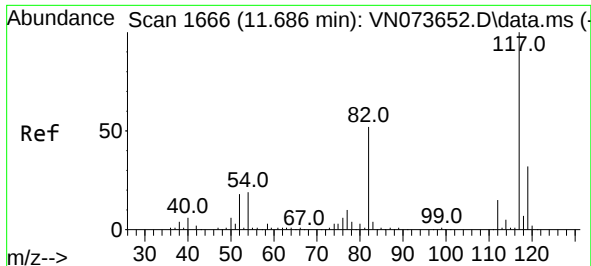
Tgt Ion: 92 Resp: 256011
Ion Ratio Lower Upper
92 100
91 177.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.277 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Tgt Ion: 95 Resp: 253571
Ion Ratio Lower Upper
95 100
174 89.6 0.0 167.6
176 84.7 0.0 163.4

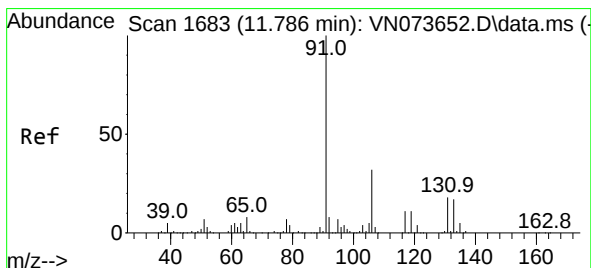
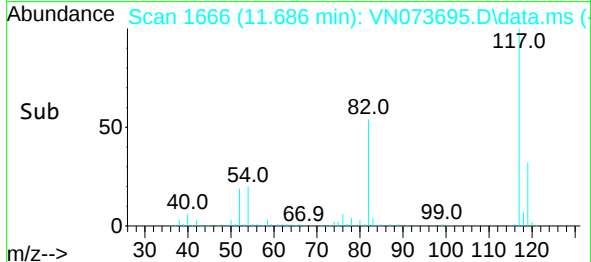
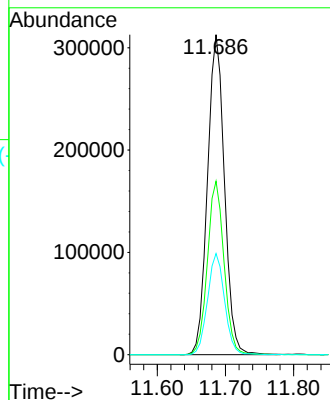
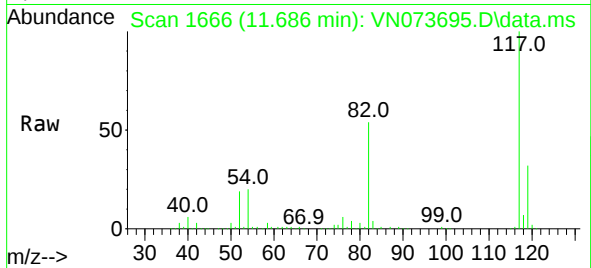




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

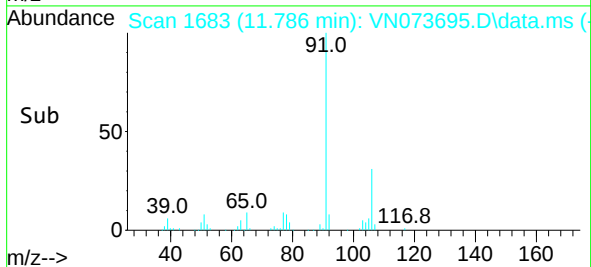
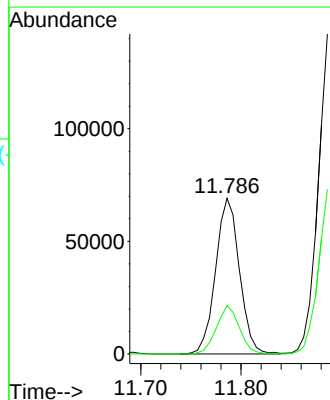
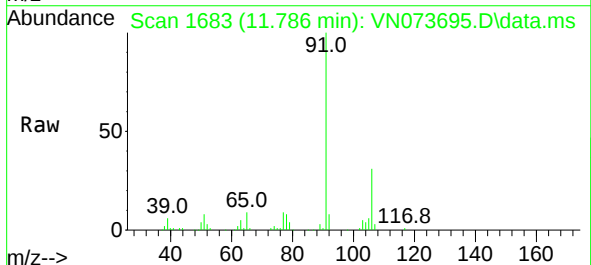
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COP-1R

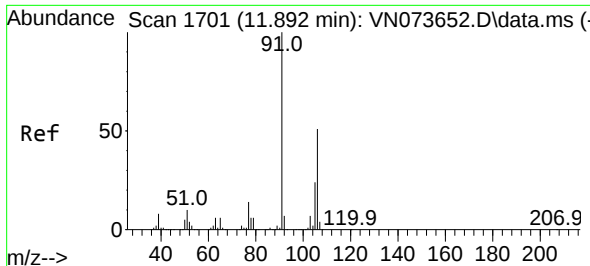
Tgt Ion:117 Resp: 541580
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.6 25.4 38.0



#67
Ethyl Benzene
Concen: 5.876 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Tgt Ion: 91 Resp: 114043
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

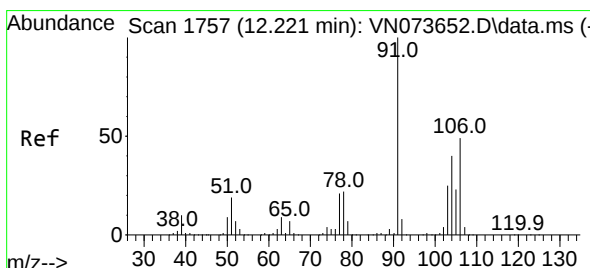
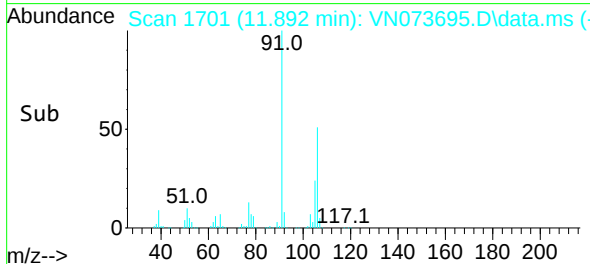
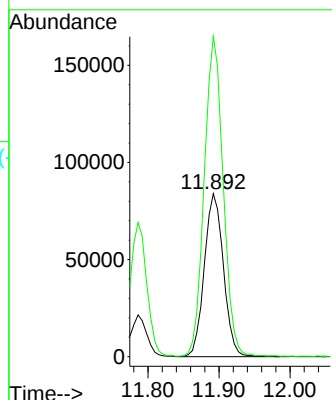
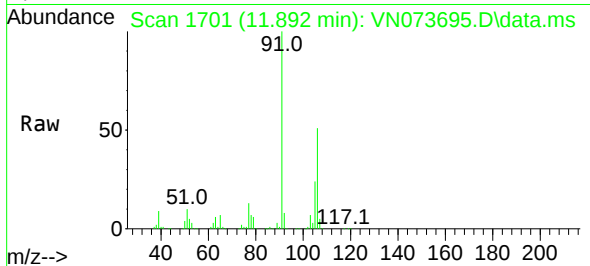




#68
m/p-Xylenes
Concen: 21.231 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

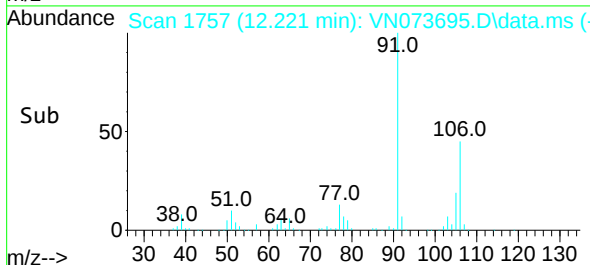
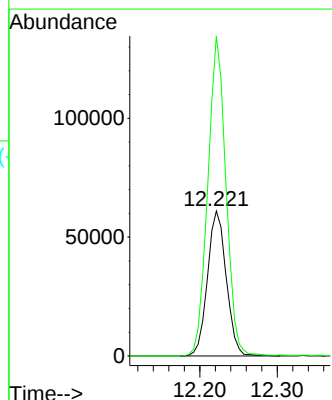
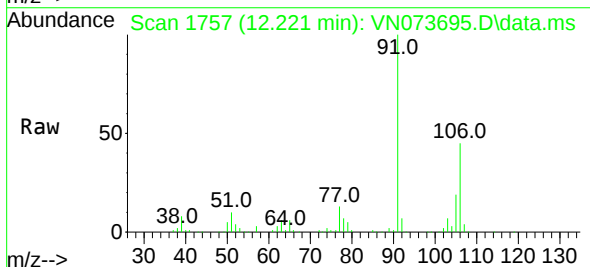
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

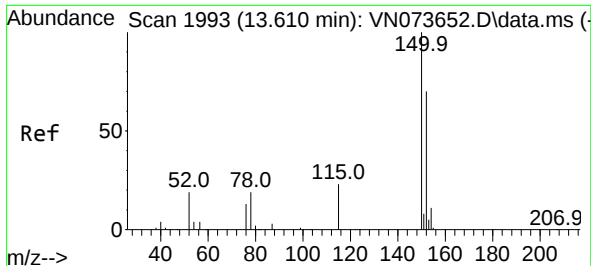
Tgt Ion:106 Resp: 157147
Ion Ratio Lower Upper
106 100
91 194.9 158.9 238.3



#69
o-Xylene
Concen: 14.209 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Tgt Ion:106 Resp: 102536
Ion Ratio Lower Upper
106 100
91 213.2 106.0 318.0

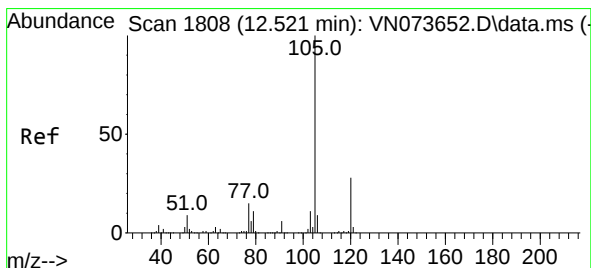
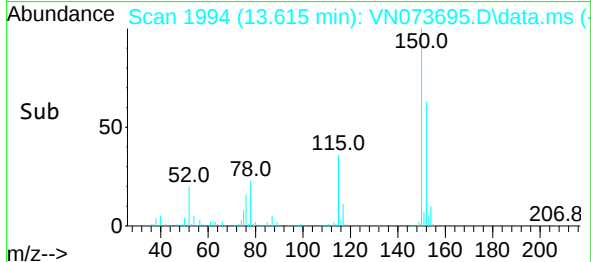
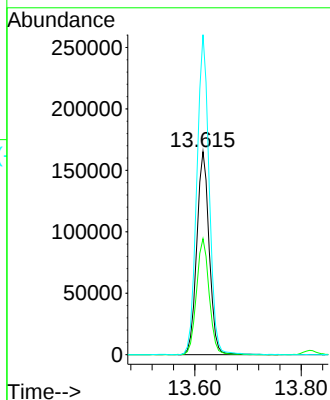
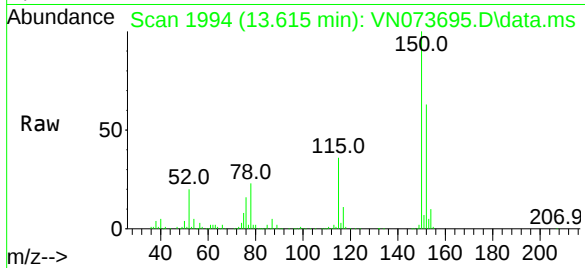




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

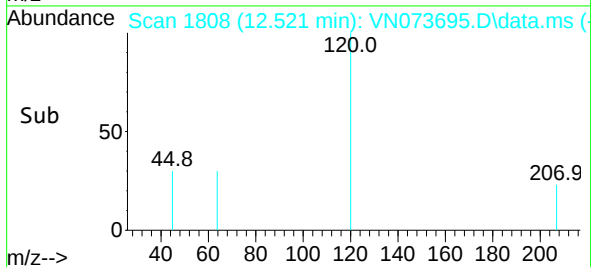
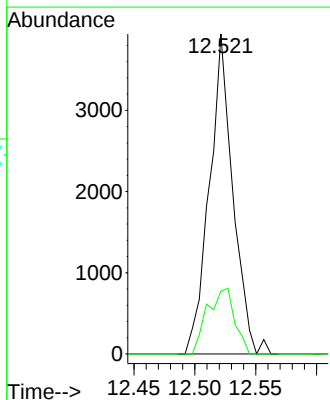
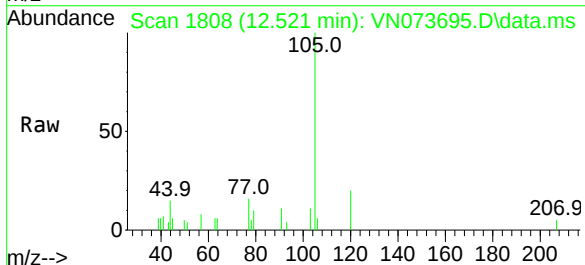
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

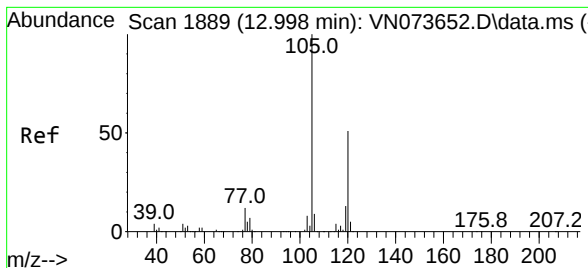
Tgt Ion:152 Resp: 267139
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.7
150 157.0 0.0 356.2



#73
Isopropylbenzene
Concen: 0.271 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Tgt Ion:105 Resp: 5309
Ion Ratio Lower Upper
105 100
120 23.6 13.5 40.4





#80

1,3,5-Trimethylbenzene

Concen: 0.879 ug/l

RT: 13.004 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VN073695.D

Acq: 02 Aug 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

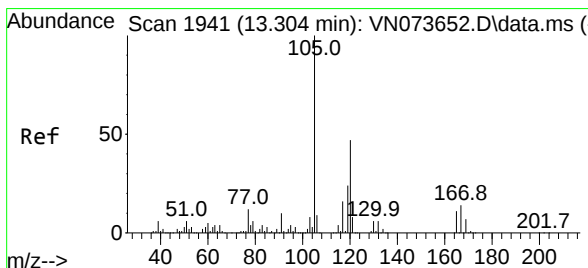
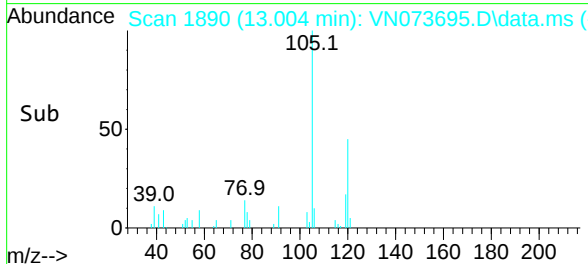
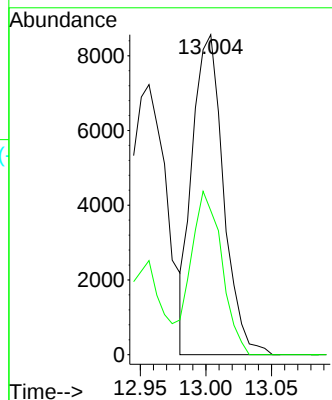
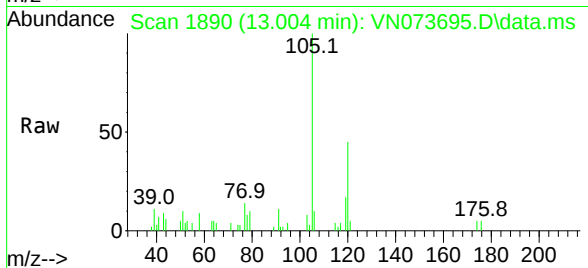
COP-1R

Tgt Ion:105 Resp: 14144

Ion Ratio Lower Upper

105 100

120 51.4 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 2.487 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073695.D

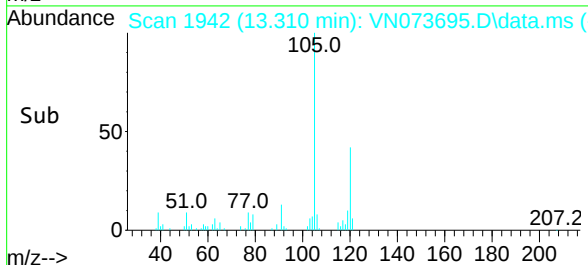
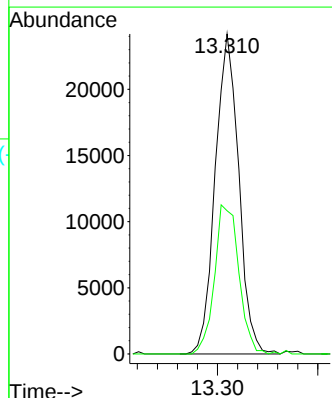
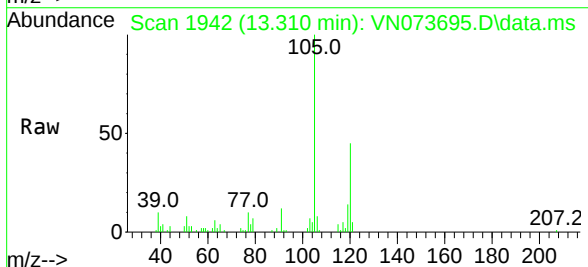
Acq: 02 Aug 2022 18:29

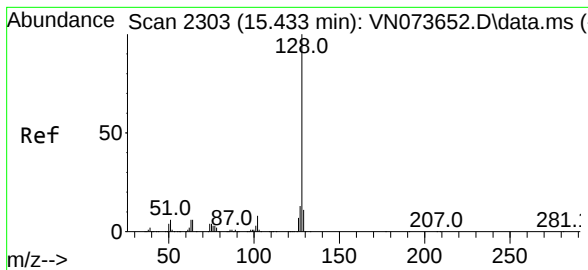
Tgt Ion:105 Resp: 39349

Ion Ratio Lower Upper

105 100

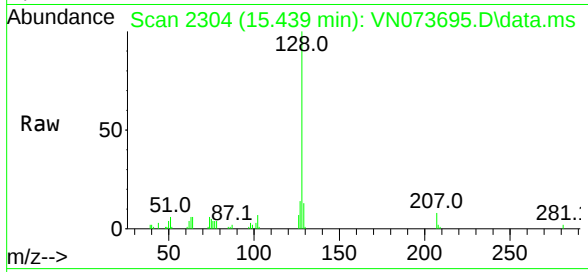
120 48.1 23.3 69.8





#95
Naphthalene
Concen: 2.559 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073695.D
Acq: 02 Aug 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
COP-1R



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.1	8.6	13.0

