

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071122.D
 Acq On : 01 Mar 2022 16:36
 Operator : JC\MD
 Sample : N1689-11 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP022522

Quant Time: Mar 02 03:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

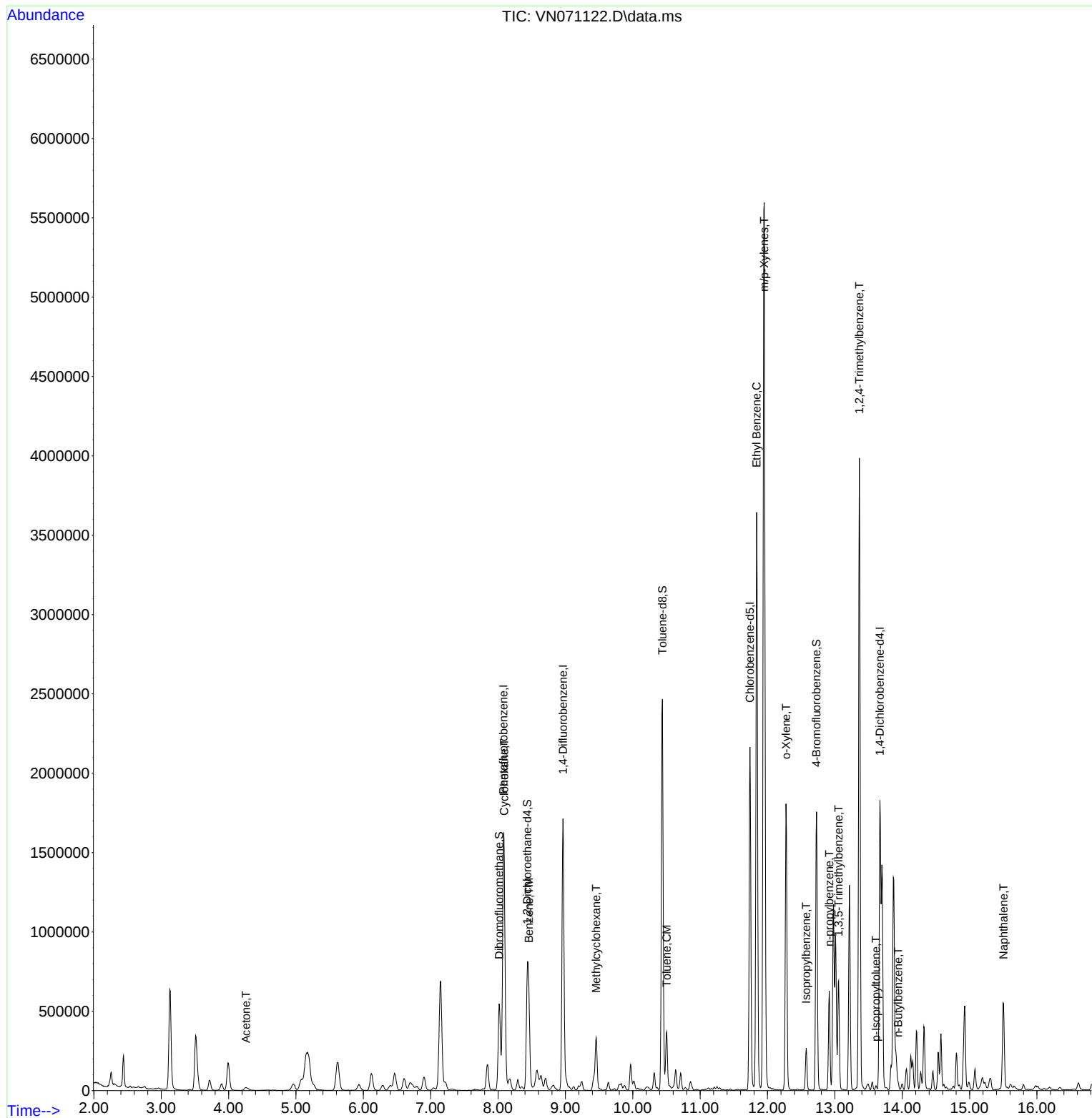
Internal Standards						
1) Pentafluorobenzene	8.081	168	893431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1400686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1236080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	489984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	522597	51.206	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.420%	
35) Dibromofluoromethane	8.016	113	401980	48.249	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.500%	
50) Toluene-d8	10.440	98	1696655	50.710	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.728	95	626225	52.363	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.258	43	19756	3.515	ug/l #	59
31) Cyclohexane	8.093	56	351478	19.913	ug/l	94
39) Methylcyclohexane	9.457	83	139636	7.950	ug/l	96
40) Benzene	8.457	78	450521	11.158	ug/l	100
52) Toluene	10.504	92	158307	6.240	ug/l	94
67) Ethyl Benzene	11.839	91	2664109	57.147	ug/l	98
68) m/p-Xylenes	11.951	106	1894041	105.182	ug/l	98
69) o-Xylene	12.275	106	497025	28.255	ug/l	96
73) Isopropylbenzene	12.575	105	171793	4.356	ug/l	98
78) n-propylbenzene	12.916	91	493976	11.148	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	380409	11.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	2249169	71.509	ug/l	100
86) p-Isopropyltoluene	13.610	119	11487	0.350	ug/l #	75
89) n-Butylbenzene	13.939	91	21657	0.810	ug/l #	69
95) Naphthalene	15.504	128	527937	26.685	ug/l	99

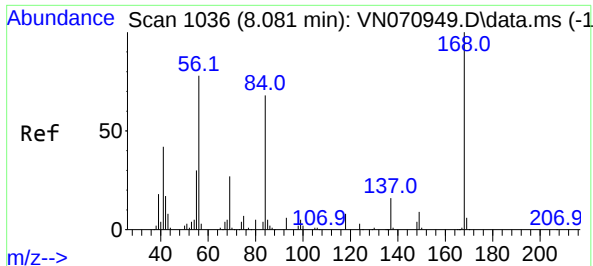
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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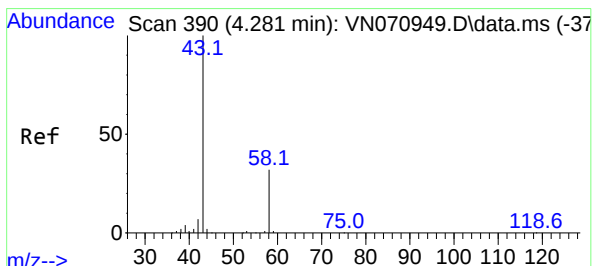
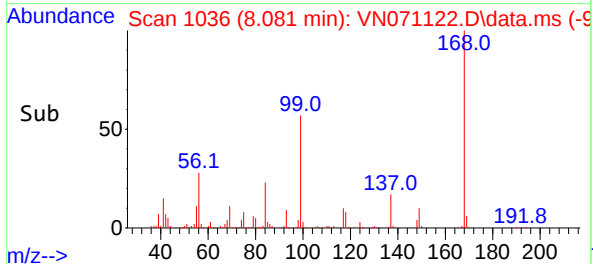
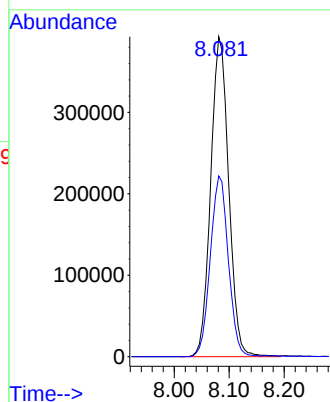
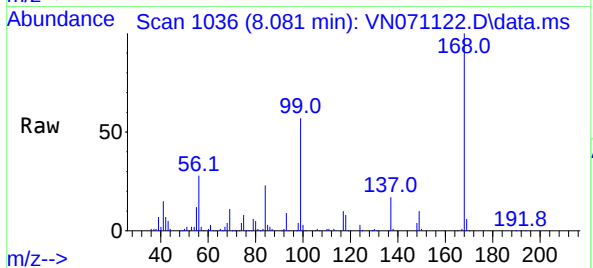




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

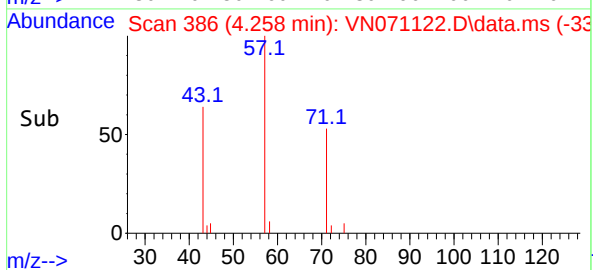
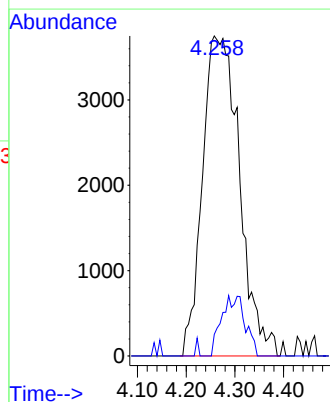
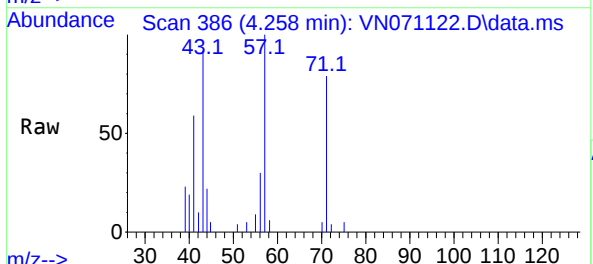
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

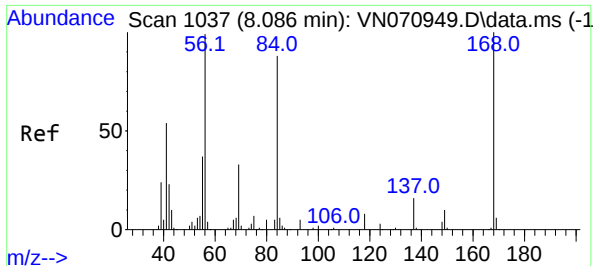
Tgt Ion:168 Resp: 893431
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9



#16
Acetone
Concen: 3.515 ug/l
RT: 4.258 min Scan# 386
Delta R.T. -0.023 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 43 Resp: 19756
Ion Ratio Lower Upper
43 100
58 6.8 23.1 34.7#

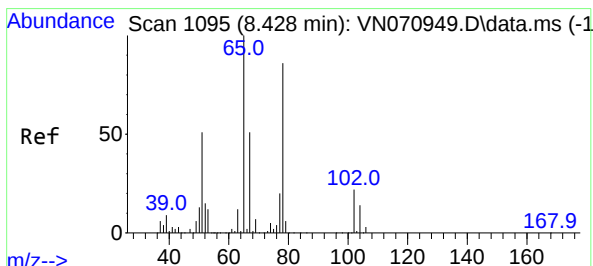
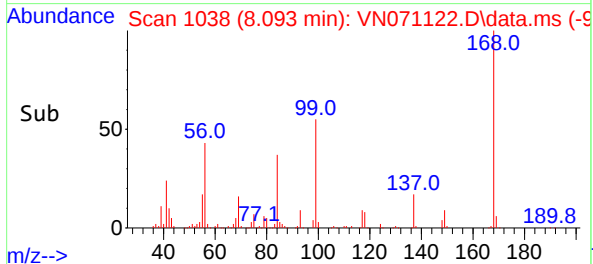
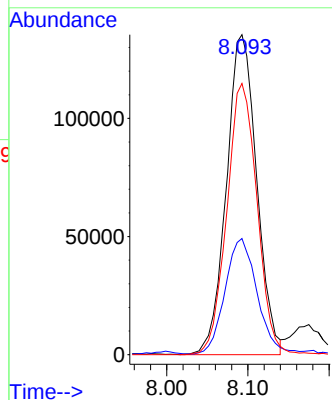
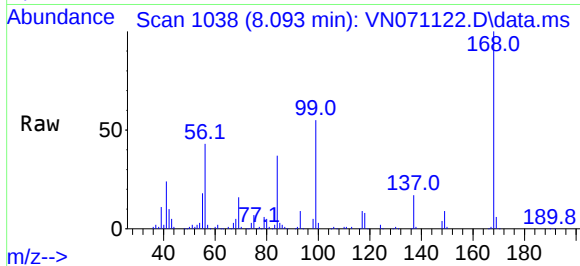




#31
Cyclohexane
Concen: 19.913 ug/l
RT: 8.093 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

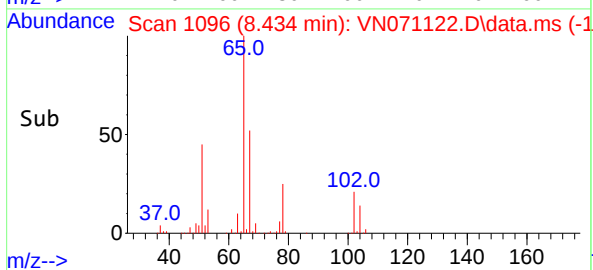
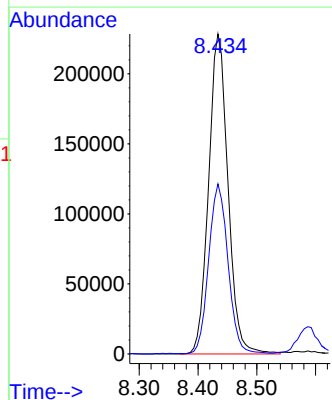
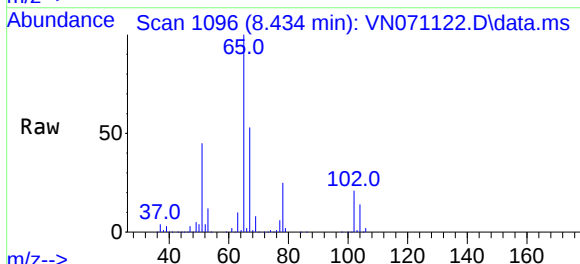
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

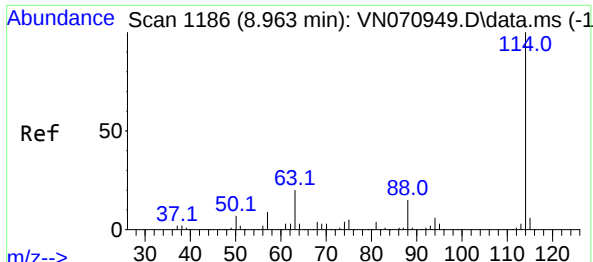
Tgt Ion: 56 Resp: 351478
Ion Ratio Lower Upper
56 100
69 35.9 27.1 40.7
84 84.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 51.206 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 65 Resp: 522597
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

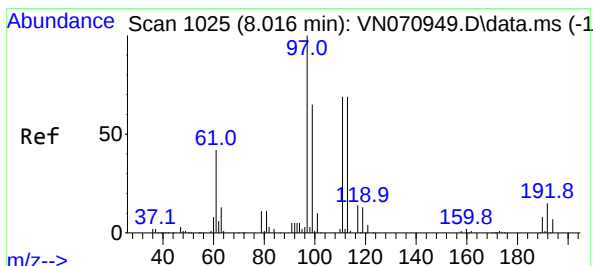
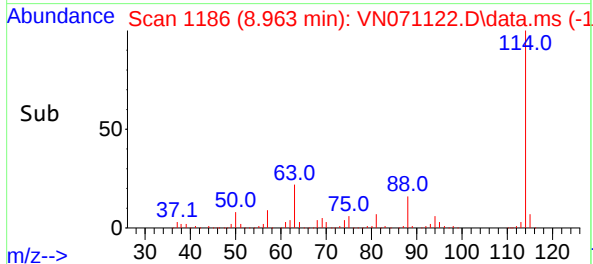
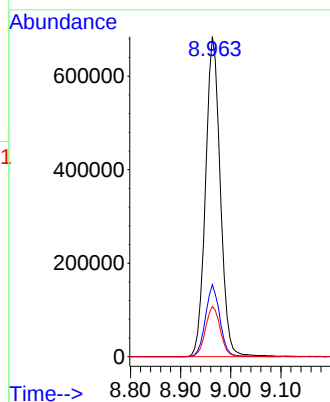
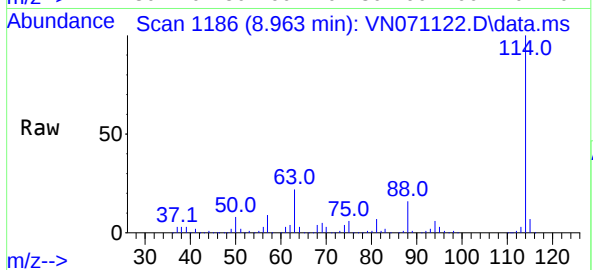




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

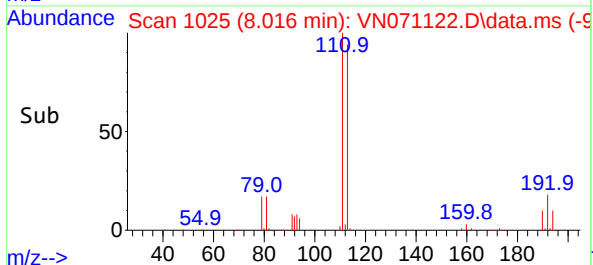
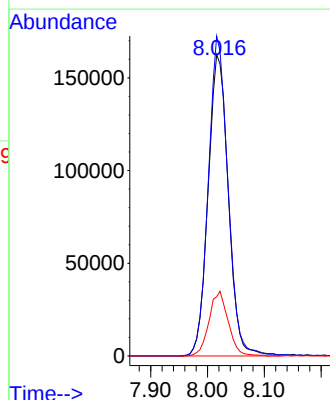
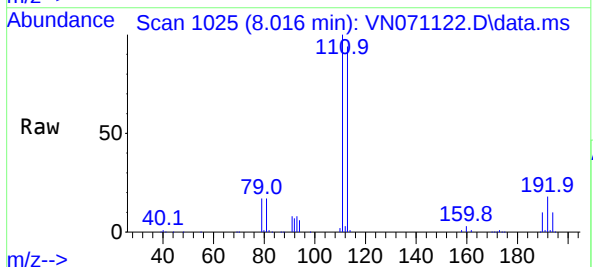
Instrument :
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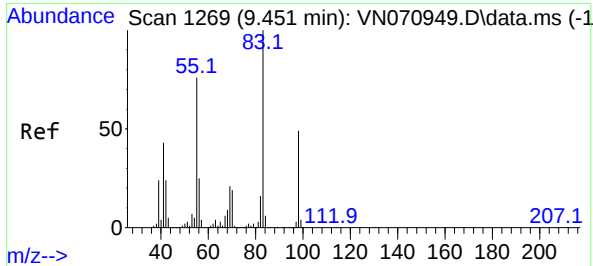
Tgt Ion:114 Resp: 1400686
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion:113 Resp: 401980
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.3 16.9 25.3

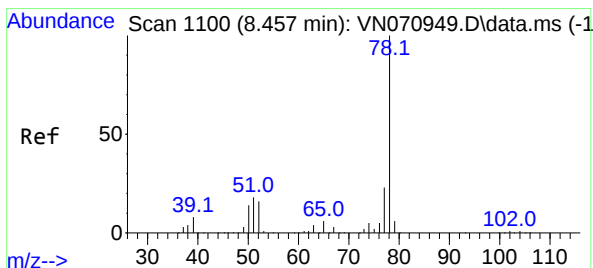
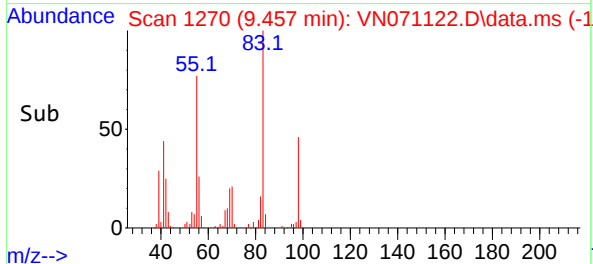
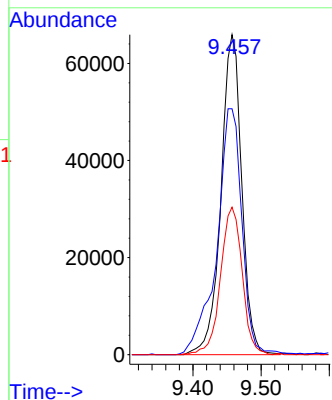
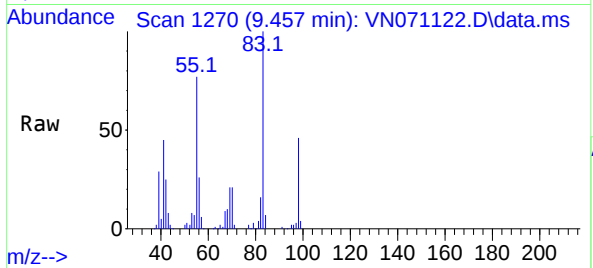




#39
Methylcyclohexane
Concen: 7.950 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

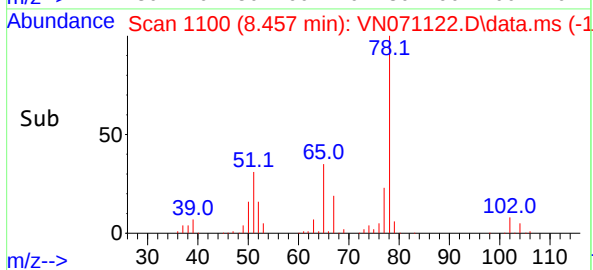
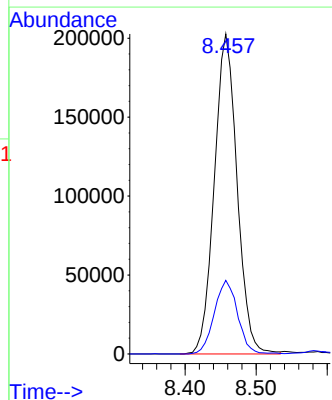
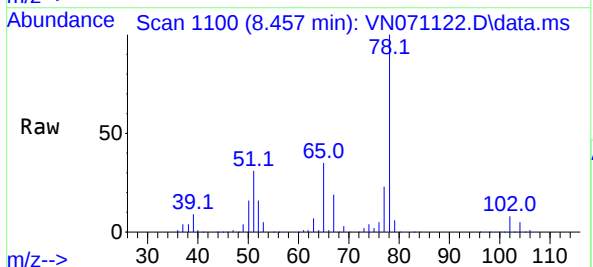
Instrument :
MSVOA_N
ClientSampleId :
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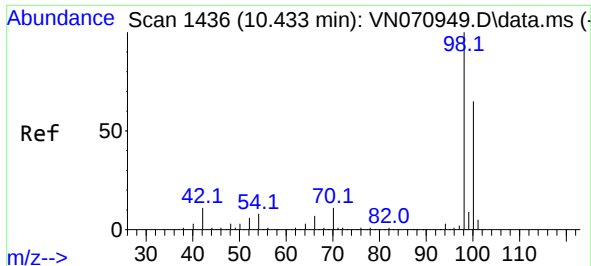
Tgt Ion: 83 Resp: 139636
Ion Ratio Lower Upper
83 100
55 76.5 58.1 87.1
98 46.1 38.4 57.6



#40
Benzene
Concen: 11.158 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 78 Resp: 450521
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

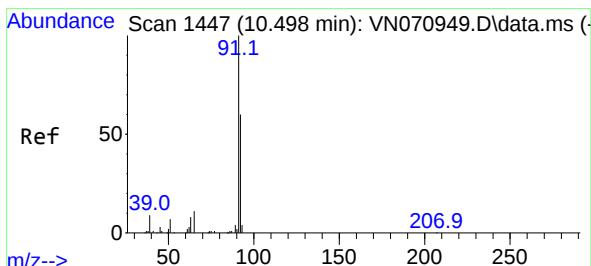
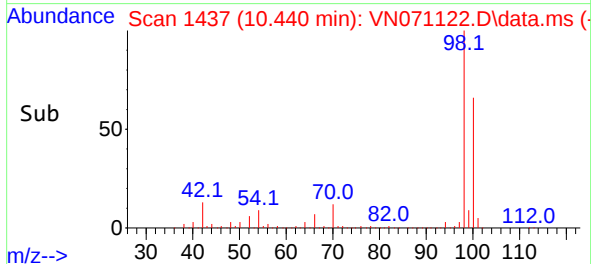
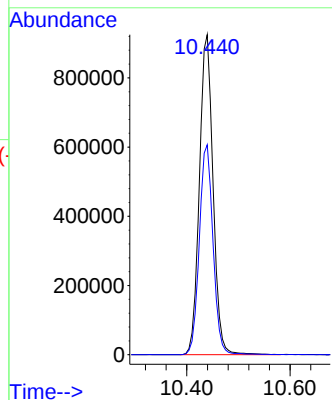
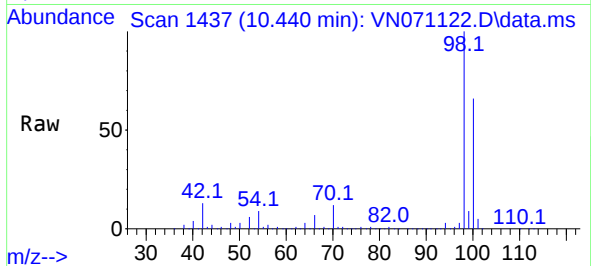




#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.440 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

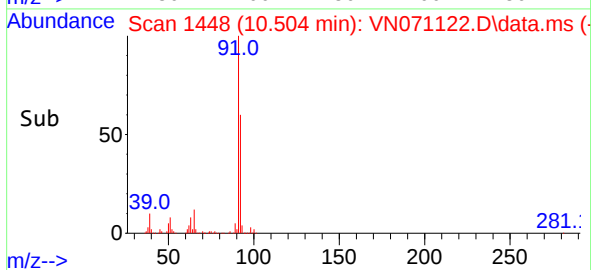
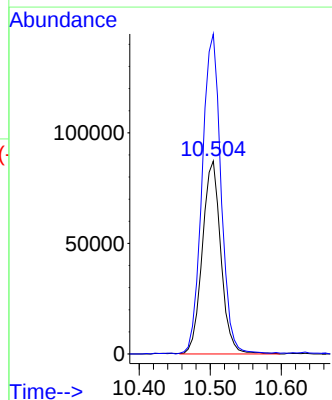
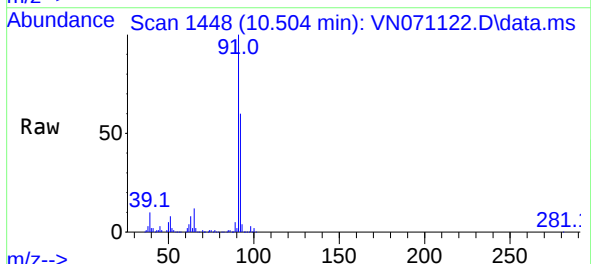
Instrument :
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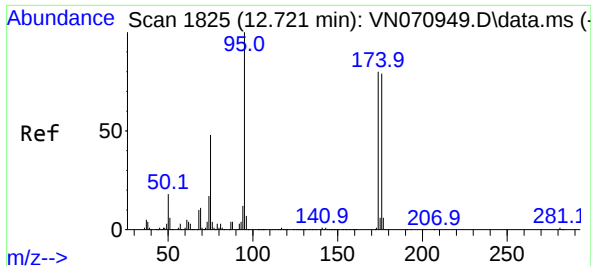
Tgt Ion: 98 Resp: 1696655
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6



#52
Toluene
Concen: 6.240 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 92 Resp: 158307
Ion Ratio Lower Upper
92 100
91 169.3 142.0 213.0





#62

4-Bromofluorobenzene

Concen: 52.363 ug/l

RT: 12.728 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN071122.D

Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

DUP022522

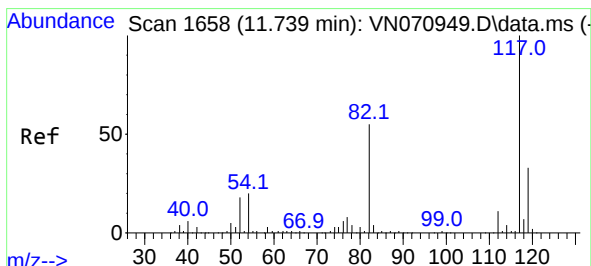
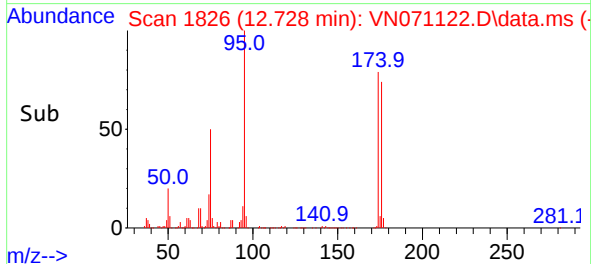
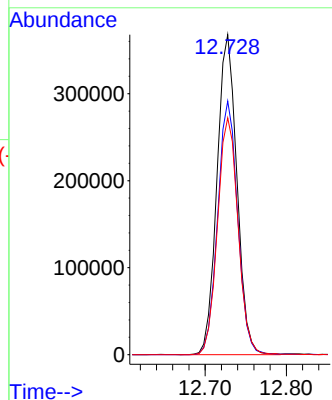
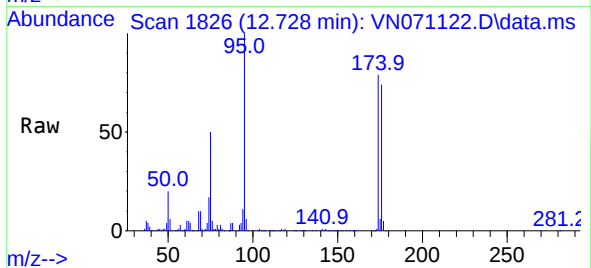
Tgt Ion: 95 Resp: 626225

Ion Ratio Lower Upper

95 100

174 79.8 0.0 187.2

176 76.3 0.0 181.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN071122.D

Acq: 01 Mar 2022 16:36

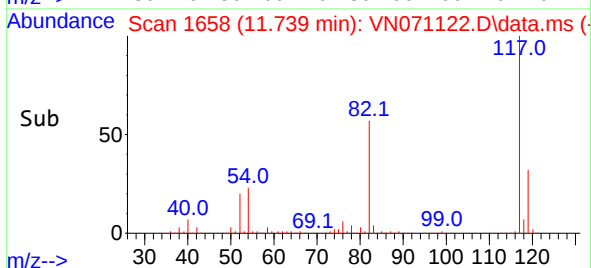
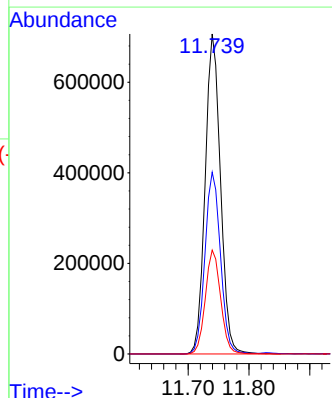
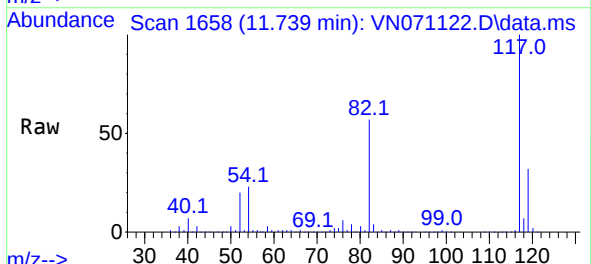
Tgt Ion: 117 Resp: 1236080

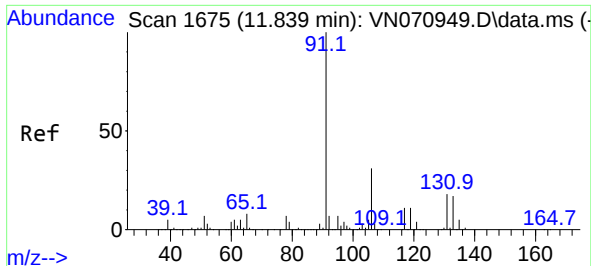
Ion Ratio Lower Upper

117 100

82 56.8 42.4 63.6

119 32.4 25.4 38.2

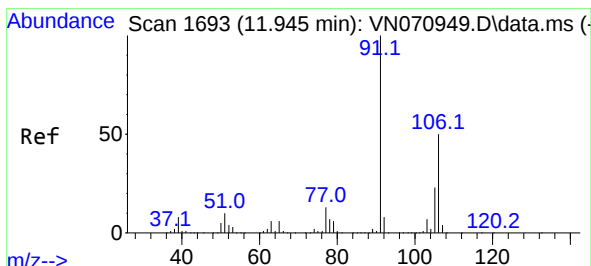
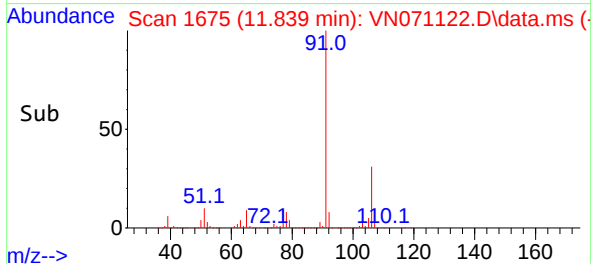
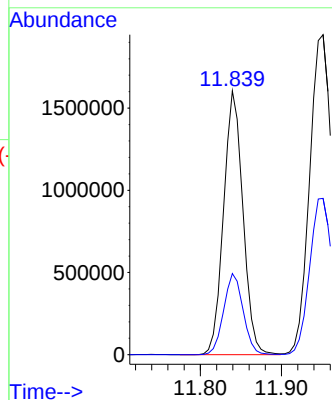
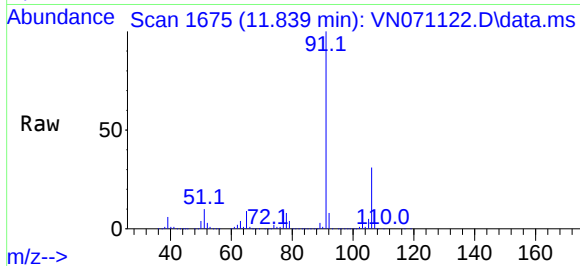




#67
Ethyl Benzene
Concen: 57.147 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

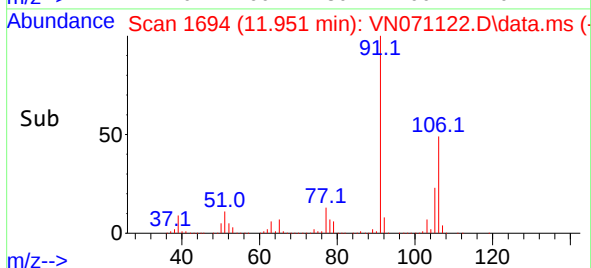
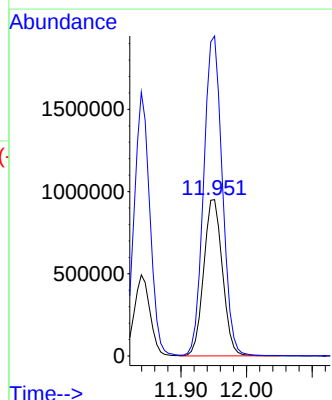
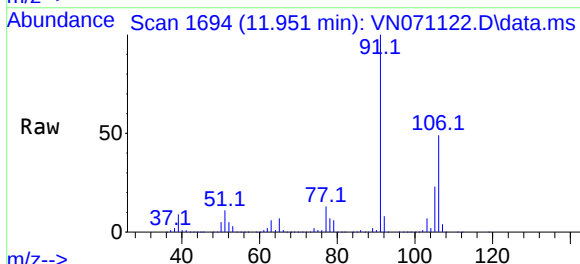
Instrument :
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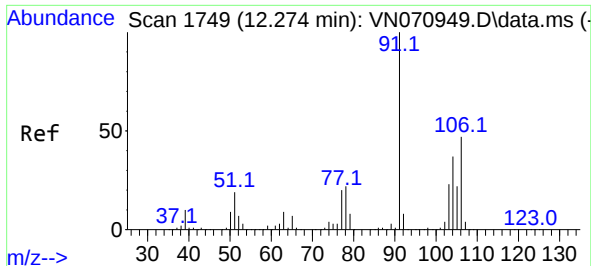
Tgt Ion: 91 Resp: 2664109
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5



#68
m/p-Xylenes
Concen: 105.182 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion:106 Resp: 1894041
Ion Ratio Lower Upper
106 100
91 203.2 160.6 240.8





#69

o-Xylene

Concen: 28.255 ug/l

RT: 12.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071122.D

Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

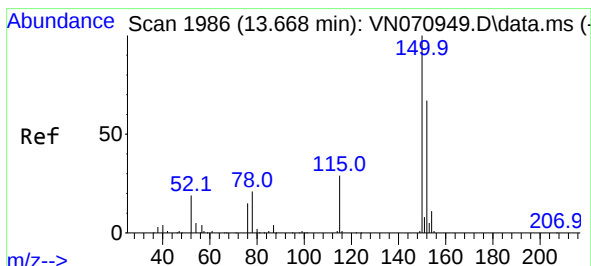
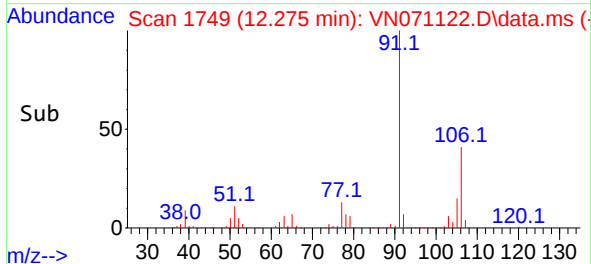
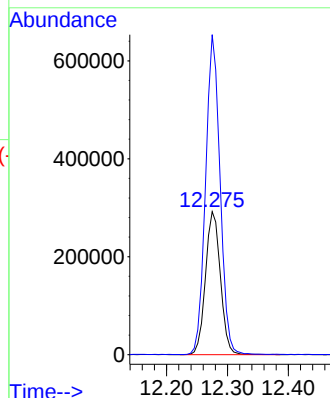
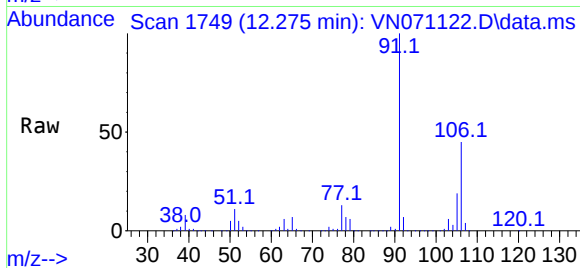
DUP022522

Tgt Ion:106 Resp: 497025

Ion Ratio Lower Upper

106 100

91 217.5 105.8 317.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071122.D

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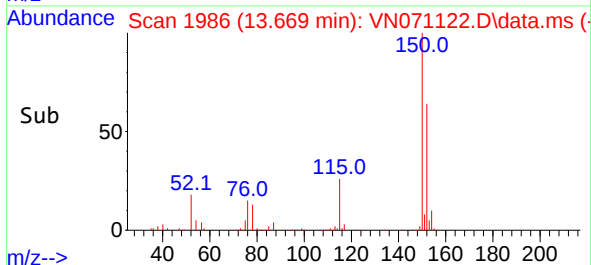
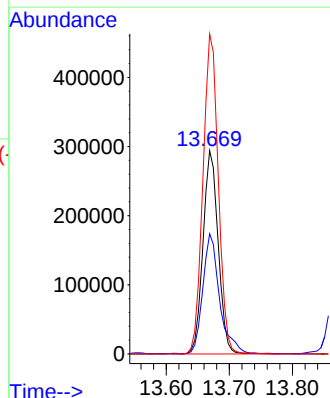
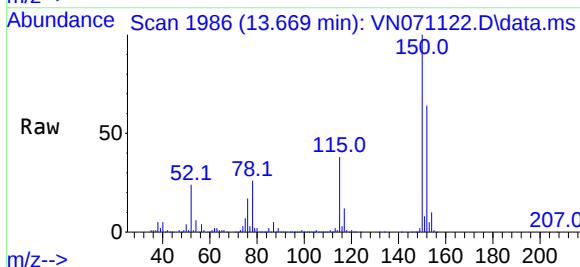
Tgt Ion:152 Resp: 489984

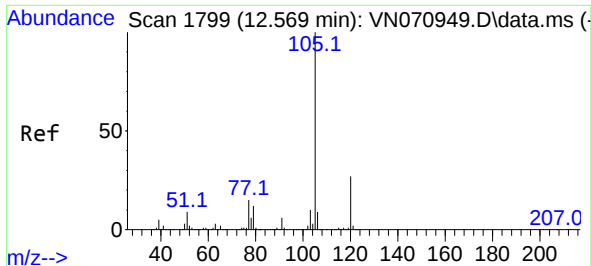
Ion Ratio Lower Upper

152 100

115 65.6 27.5 82.5

150 159.6 0.0 344.4

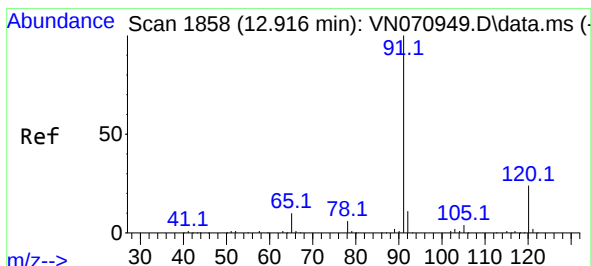
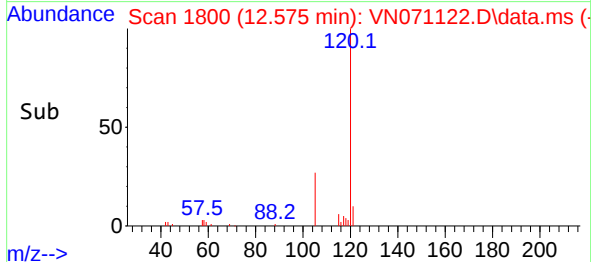
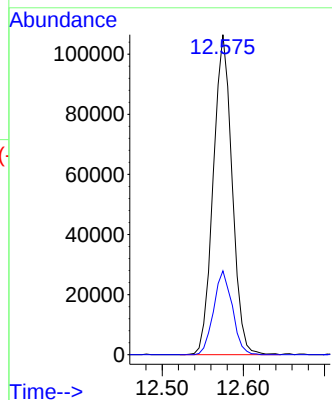
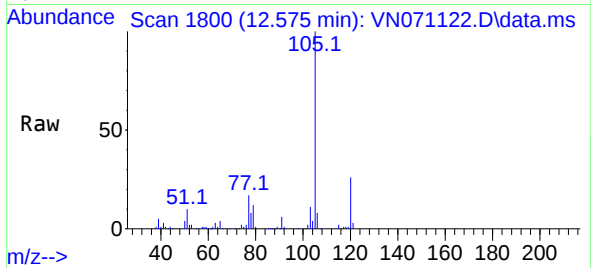




#73
Isopropylbenzene
Concen: 4.356 ug/l
RT: 12.575 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

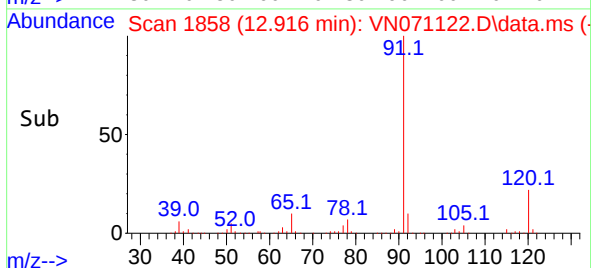
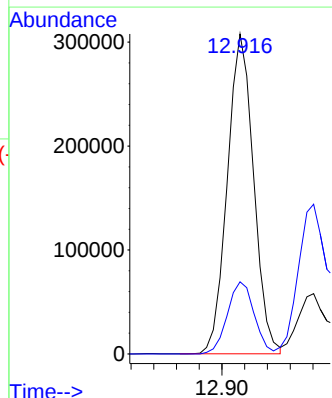
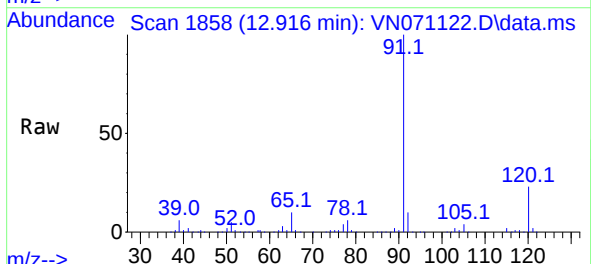
Instrument :
MSVOA_N
ClientSampleId :
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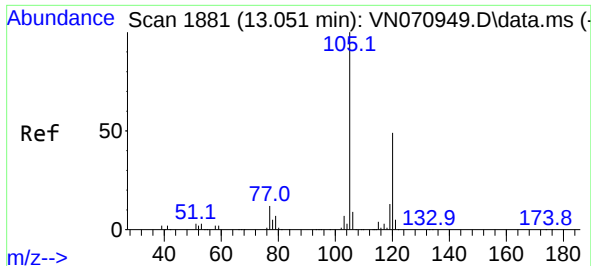
Tgt Ion:105 Resp: 171793
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#78
n-propylbenzene
Concen: 11.148 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 91 Resp: 493976
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9

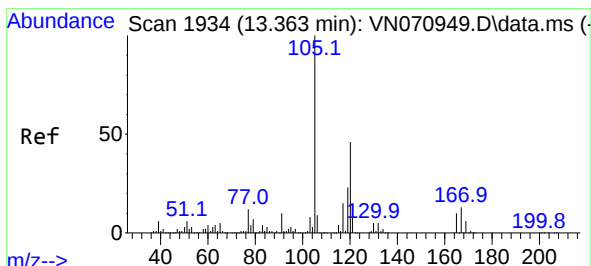
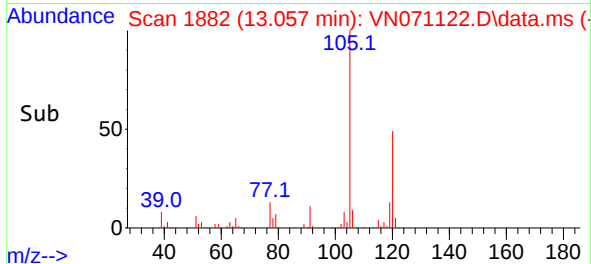
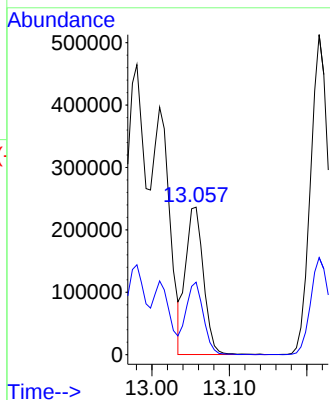
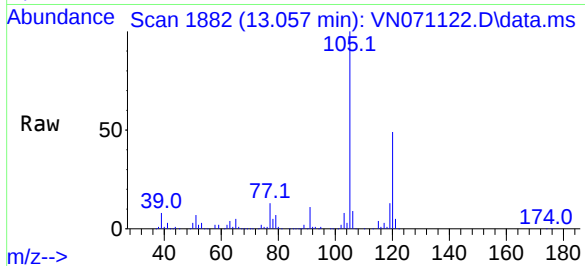




#80
1,3,5-Trimethylbenzene
Concen: 11.906 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

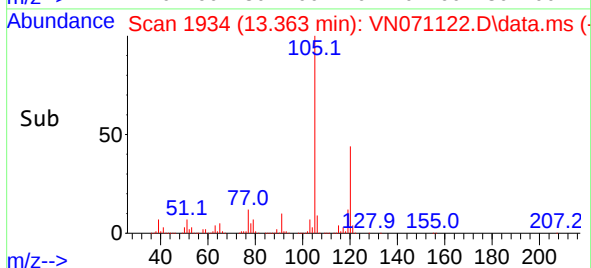
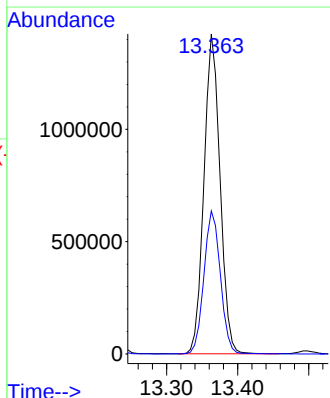
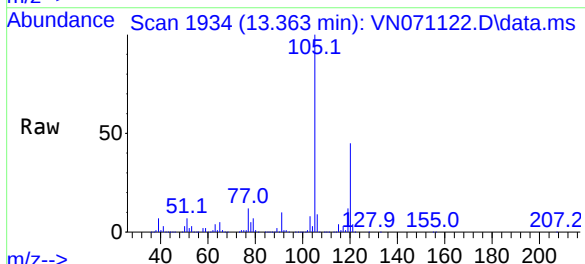
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

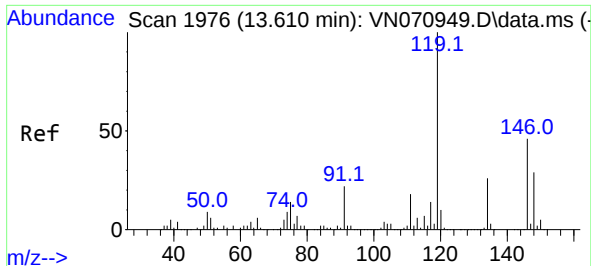
Tgt Ion:105 Resp: 380409
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 71.509 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion:105 Resp: 2249169
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4

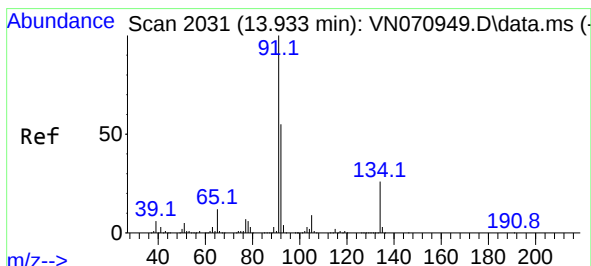
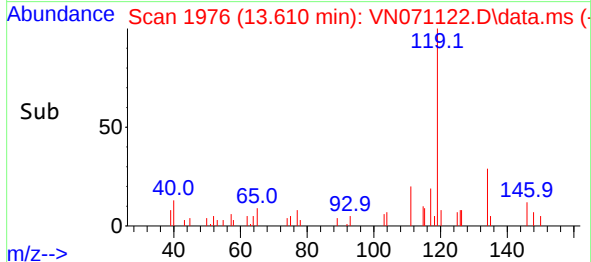
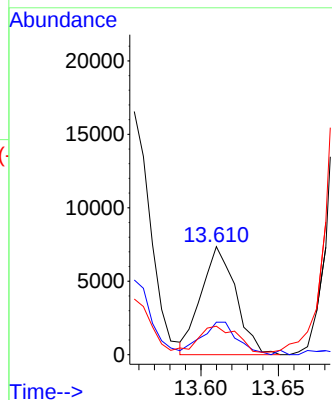
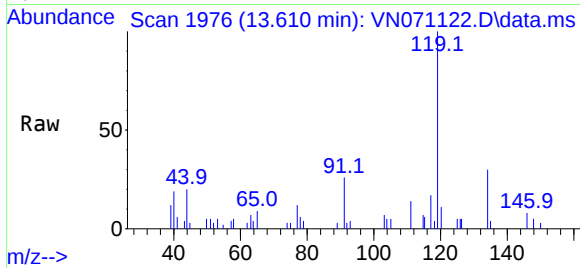




#86
p-Isopropyltoluene
Concen: 0.350 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

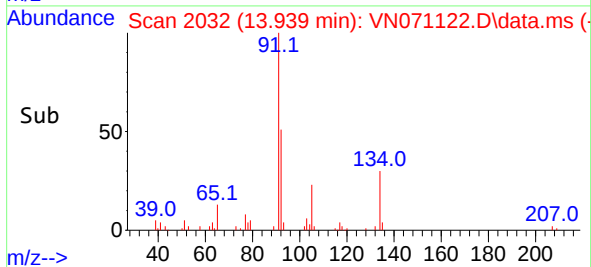
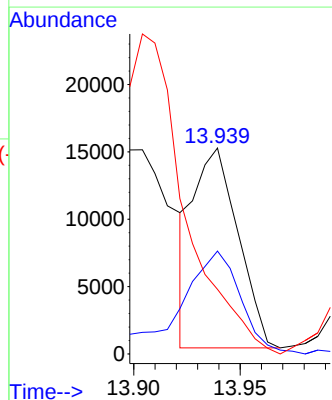
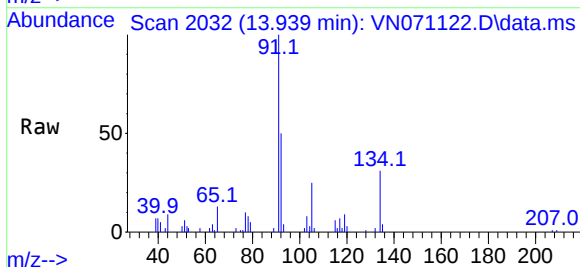
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

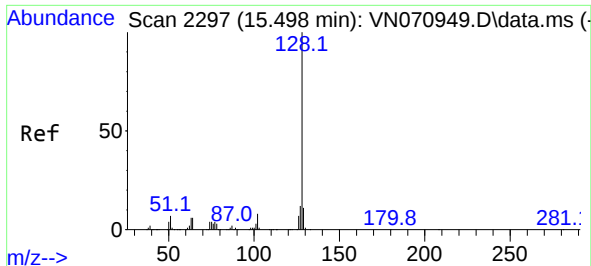
Tgt Ion:119 Resp: 11487
Ion Ratio Lower Upper
119 100
134 30.8 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 0.810 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN071122.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 91 Resp: 21657
Ion Ratio Lower Upper
91 100
92 64.0 25.4 76.0
134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 26.685 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071122.D

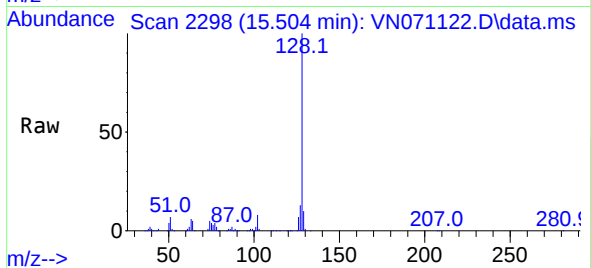
Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

DUP022522



Tgt Ion:128 Resp: 527937

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.5 8.7 13.1

