

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071194.D
 Acq On : 08 Mar 2022 16:53
 Operator : JC\MD
 Sample : N1815-01 10X
 Misc : 4.47g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-1

Quant Time: Mar 09 04:03:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	846968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1346411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1263628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	478917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	506933	43.671	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.340%
35) Dibromofluoromethane	8.016	113	387205	45.573	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.140%
50) Toluene-d8	10.439	98	1699896	49.692	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.727	95	576885	49.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.600%

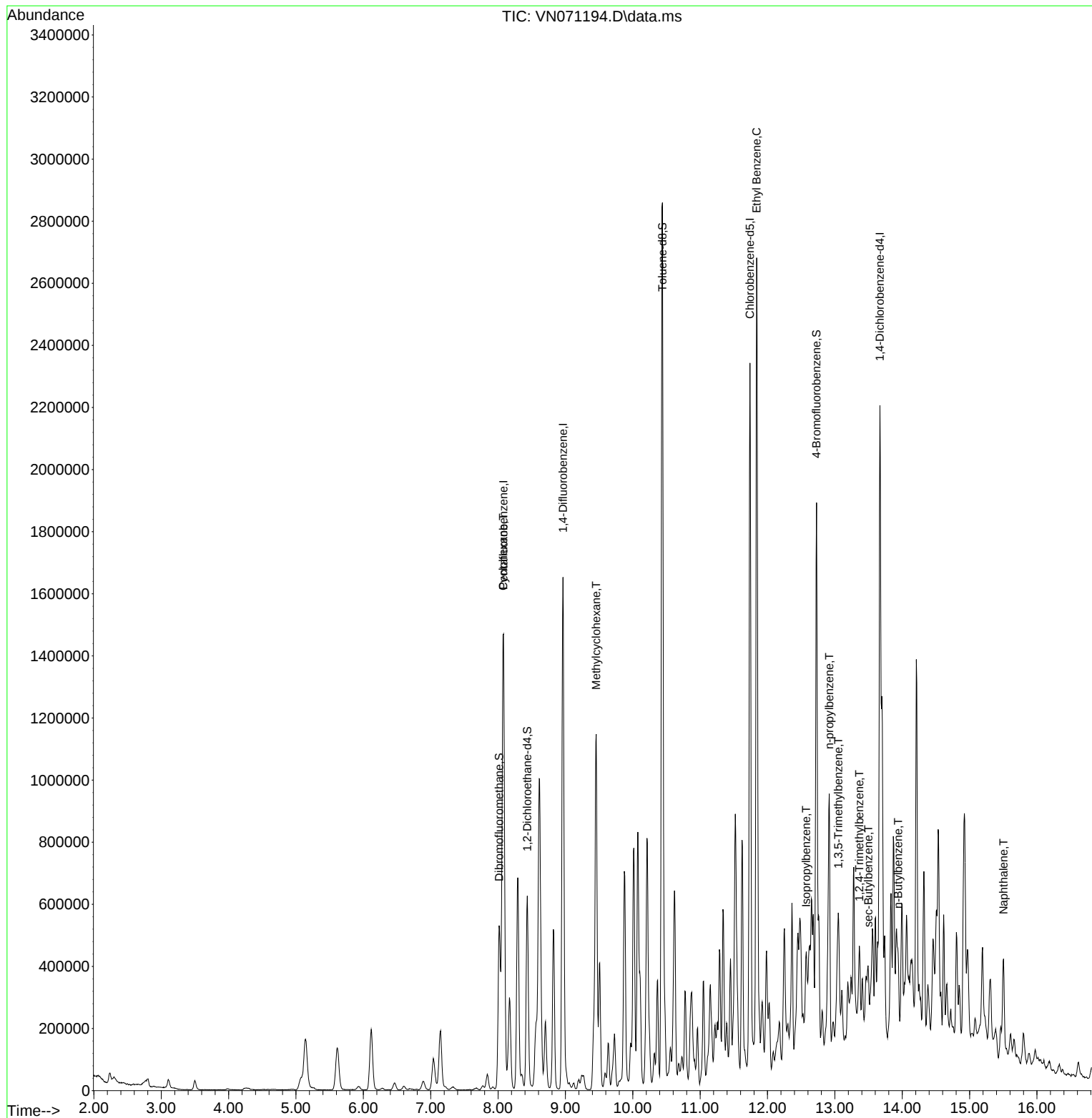
Target Compounds					Qvalue	
31) Cyclohexane	8.075	56	183683	9.909	ug/l	# 76
39) Methylcyclohexane	9.457	83	375964	23.477	ug/l	# 86
67) Ethyl Benzene	11.839	91	1862894	38.825	ug/l	97
73) Isopropylbenzene	12.574	105	173260	3.753	ug/l	100
78) n-propylbenzene	12.916	91	663057	13.384	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	52493	1.461	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	161217	4.686	ug/l	97
85) sec-Butylbenzene	13.498	105	95784	2.248	ug/l	# 62
89) n-Butylbenzene	13.939	91	149785	5.716	ug/l	# 80
95) Naphthalene	15.504	128	298422	17.283	ug/l	99

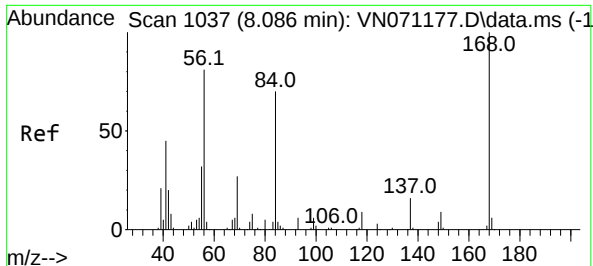
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
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QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

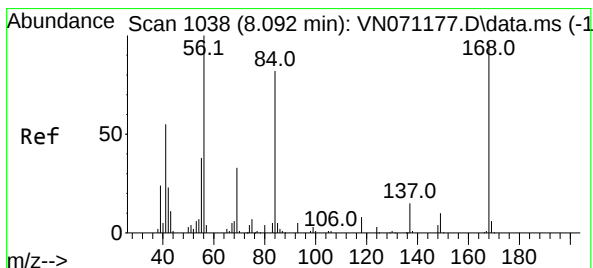
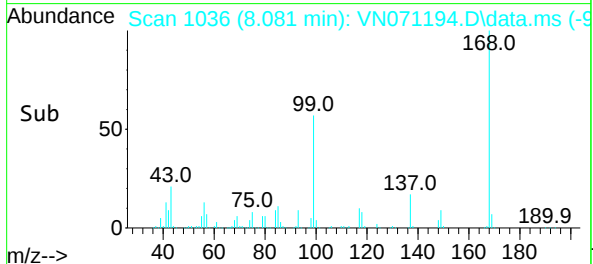
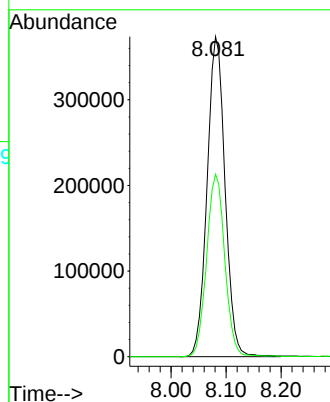
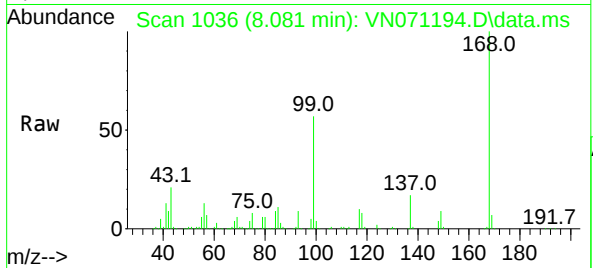




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

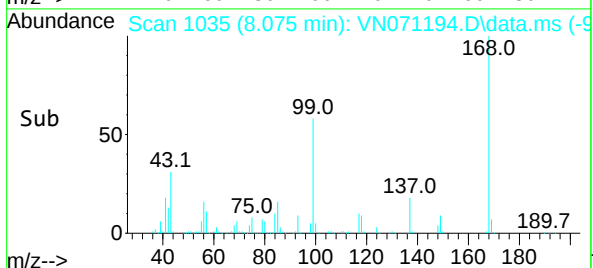
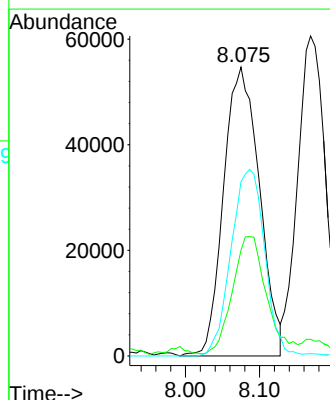
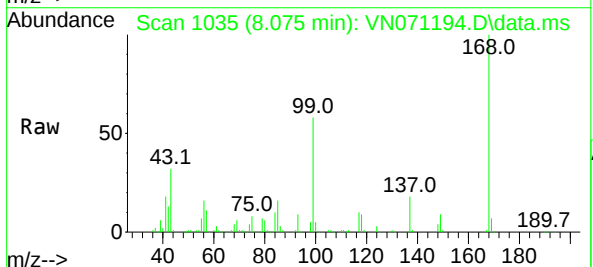
Instrument :
MSVOA_N
ClientSampleId :
P-1

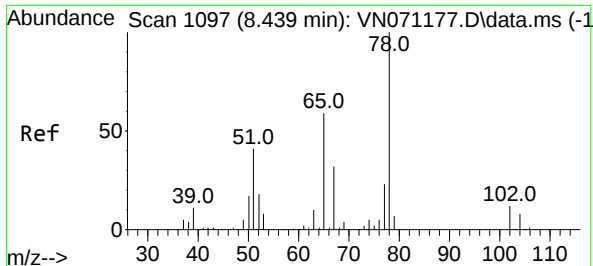
Tgt Ion:168 Resp: 846968
Ion Ratio Lower Upper
168 100
99 57.0 41.3 61.9



#31
Cyclohexane
Concen: 9.909 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

Tgt Ion: 56 Resp: 183683
Ion Ratio Lower Upper
56 100
69 33.4 27.1 40.7
84 60.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 43.671 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071194.D

Acq: 08 Mar 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

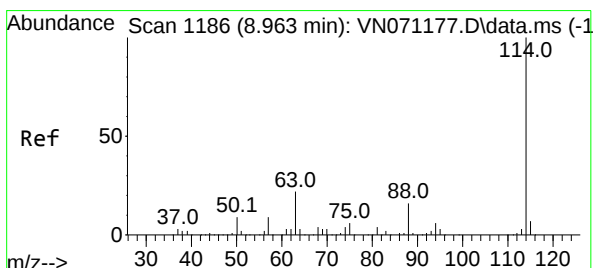
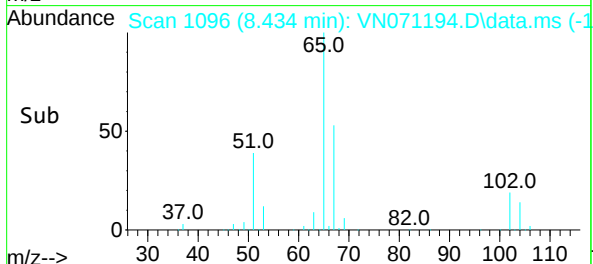
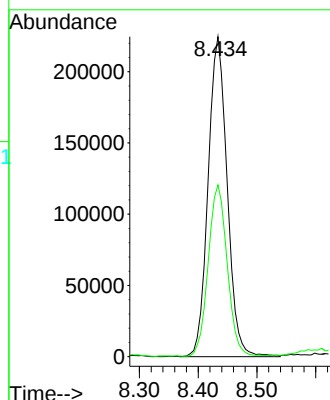
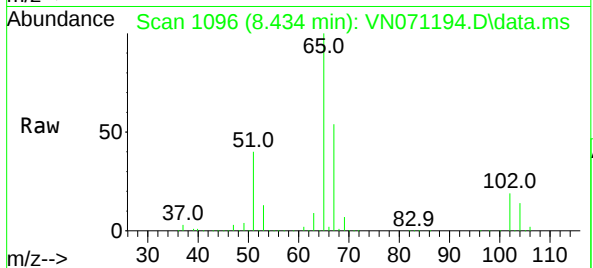
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Tgt Ion: 65 Resp: 506933

Ion Ratio Lower Upper

65 100

67 53.2 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: VN071194.D

Acq: 08 Mar 2022 16:53

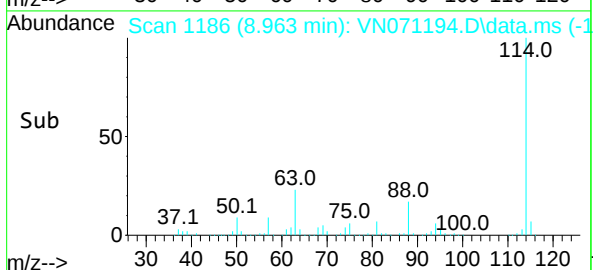
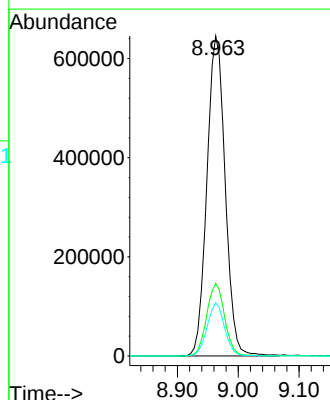
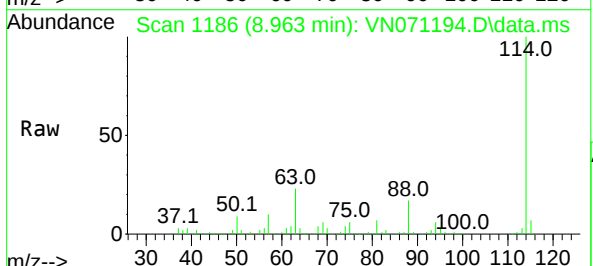
Tgt Ion: 114 Resp: 1346411

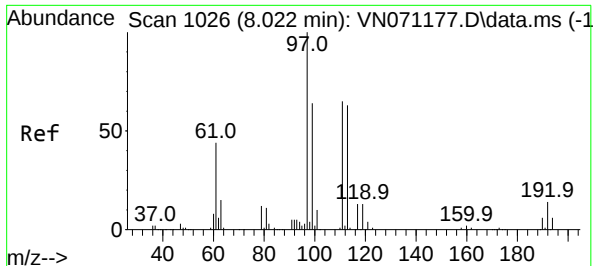
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.6 0.0 27.4

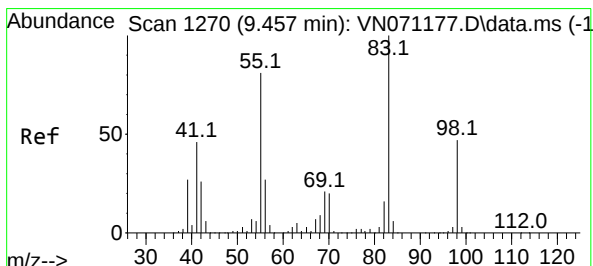
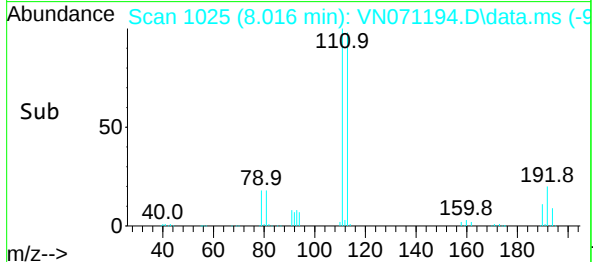
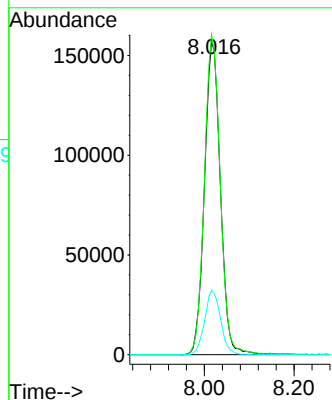
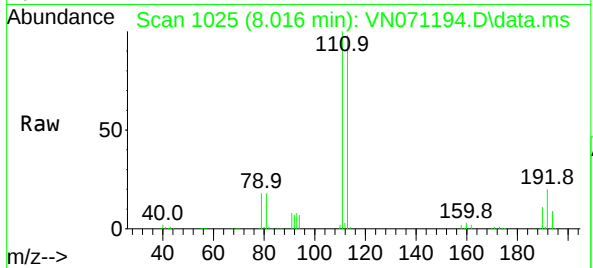




#35
Dibromofluoromethane
Concen: 45.573 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

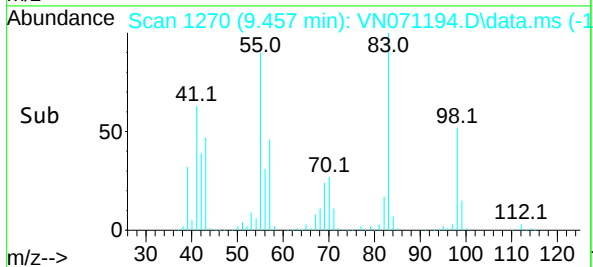
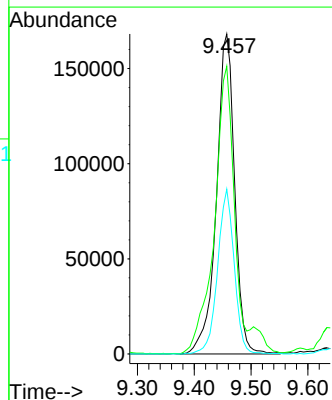
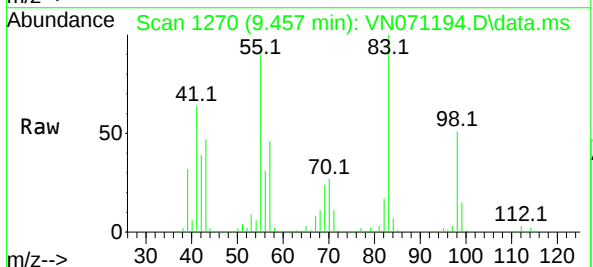
Instrument :
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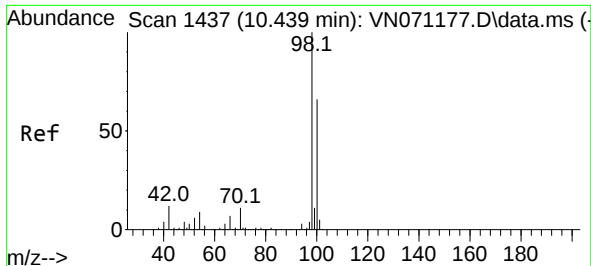
Tgt Ion:113 Resp: 387205
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.6 16.9 25.3



#39
Methylcyclohexane
Concen: 23.477 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

Tgt Ion: 83 Resp: 375964
Ion Ratio Lower Upper
83 100
55 89.9 58.1 87.1#
98 51.5 38.4 57.6

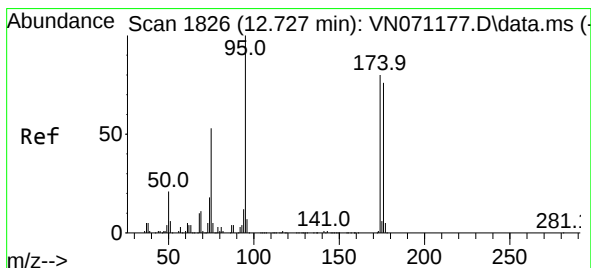
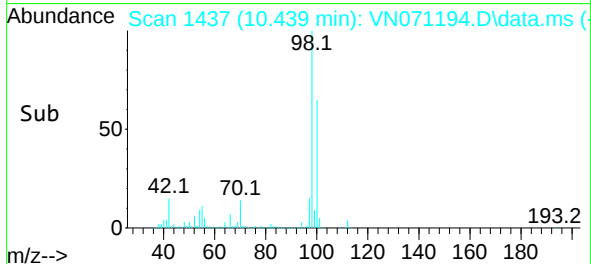
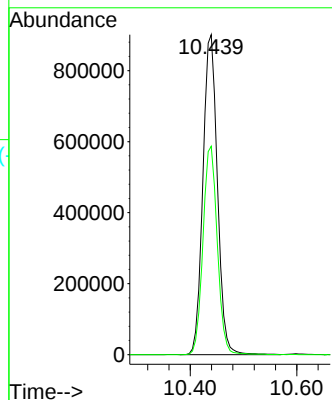
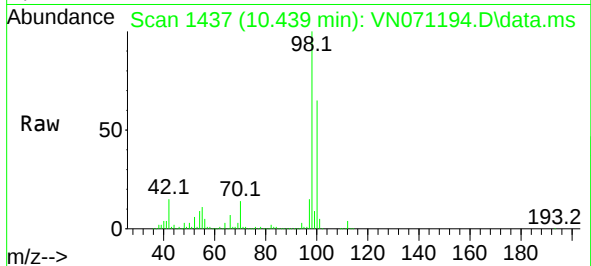




#50
Toluene-d8
Concen: 49.692 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

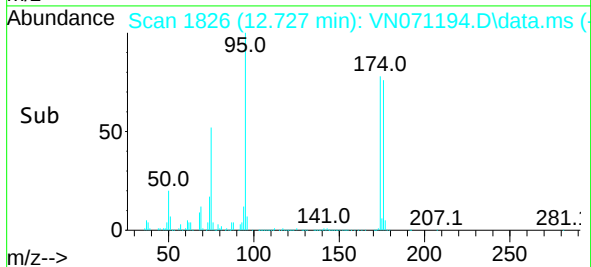
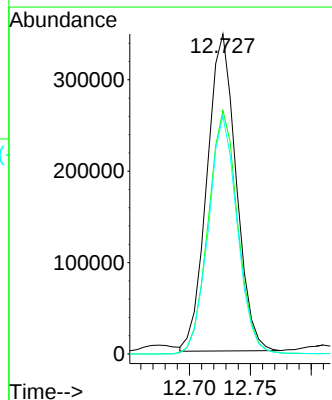
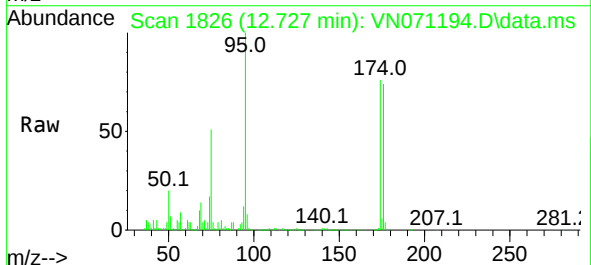
Instrument :
MSVOA_N
ClientSampleId :
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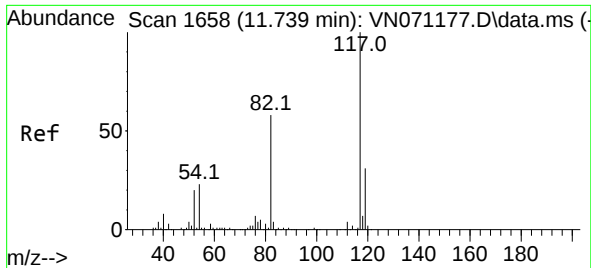
Tgt Ion: 98 Resp: 1699896
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 49.800 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

Tgt Ion: 95 Resp: 576885
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.6 0.0 181.4

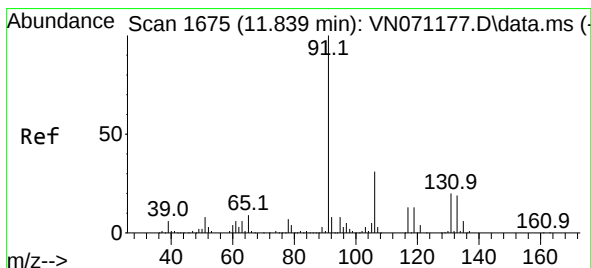
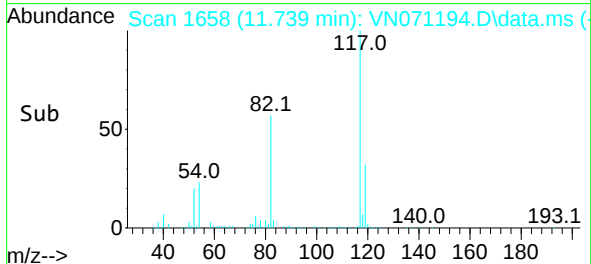
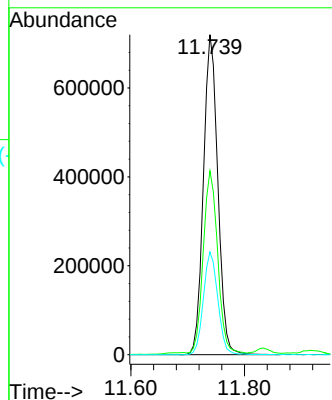
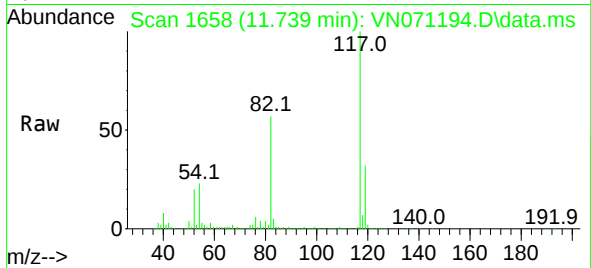




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

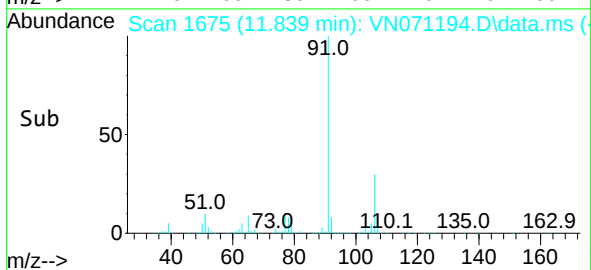
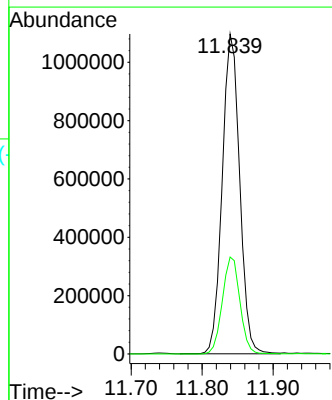
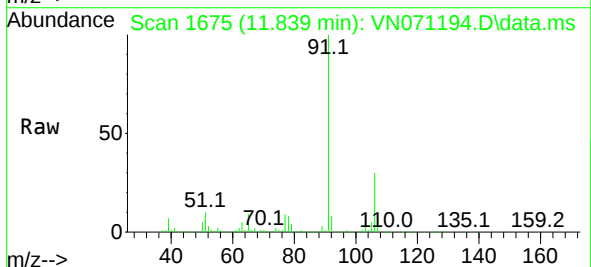
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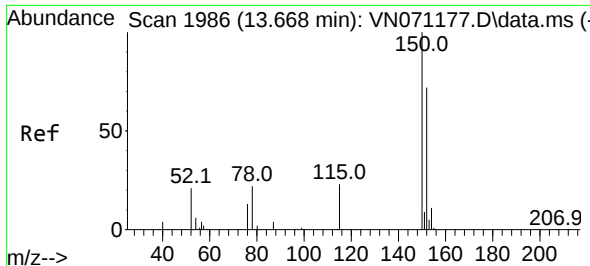
Tgt Ion:117 Resp: 1263628
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 38.825 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

Tgt Ion: 91 Resp: 1862894
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

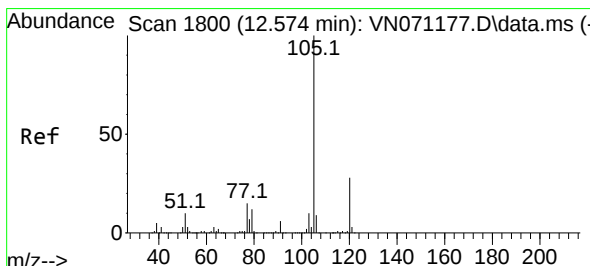
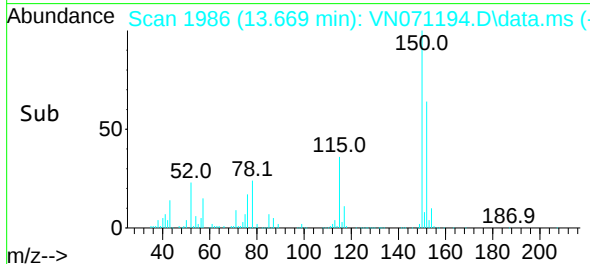
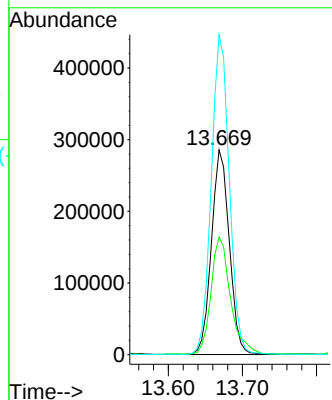
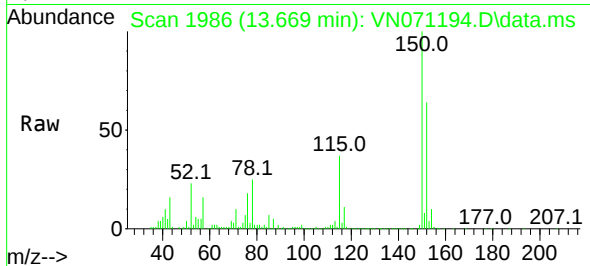




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN071194.D
 Acq: 08 Mar 2022 16:53

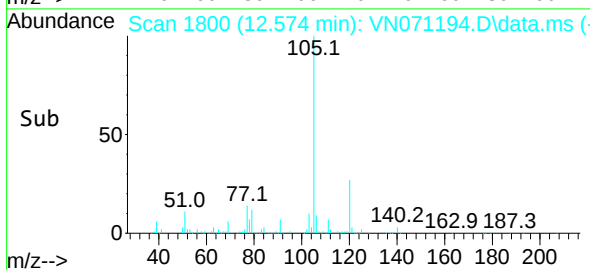
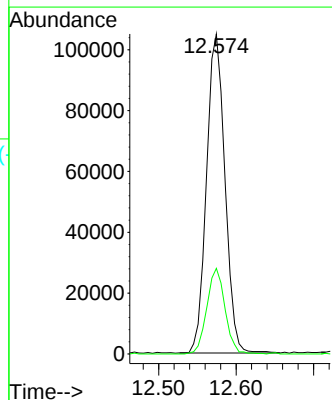
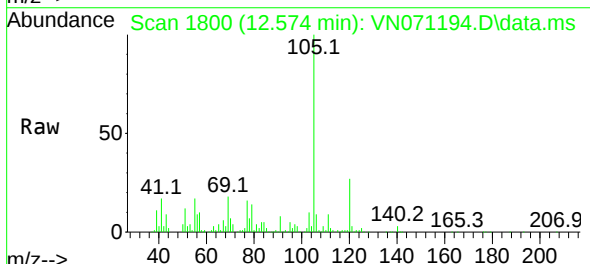
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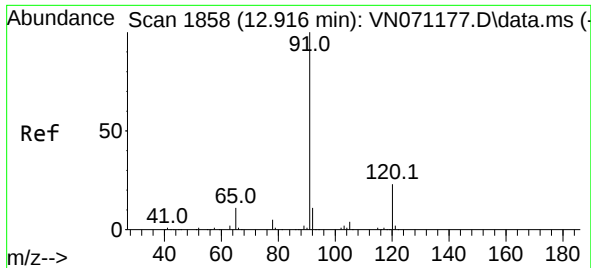
Tgt Ion:152 Resp: 478917
 Ion Ratio Lower Upper
 152 100
 115 62.1 27.5 82.5
 150 157.2 0.0 344.4



#73
 Isopropylbenzene
 Concen: 3.753 ug/l
 RT: 12.574 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VN071194.D
 Acq: 08 Mar 2022 16:53

Tgt Ion:105 Resp: 173260
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.4 40.1

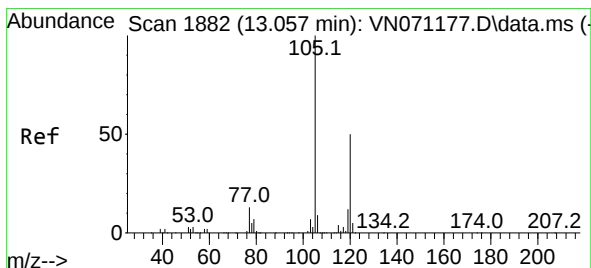
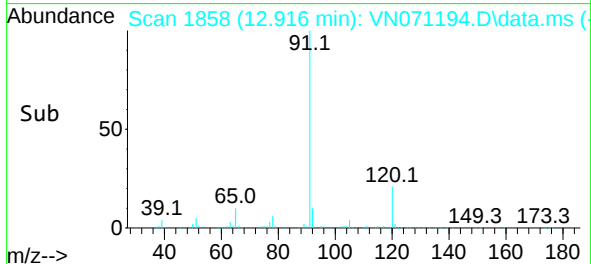
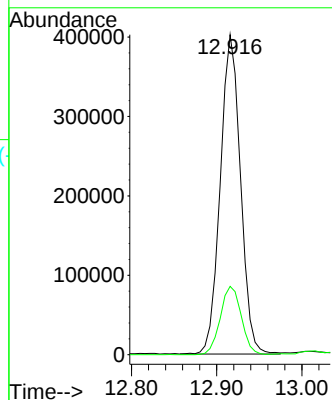
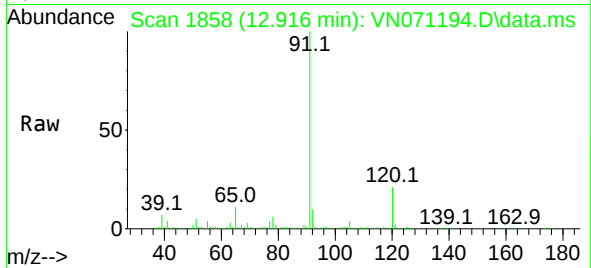




#78
n-propylbenzene
Concen: 13.384 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

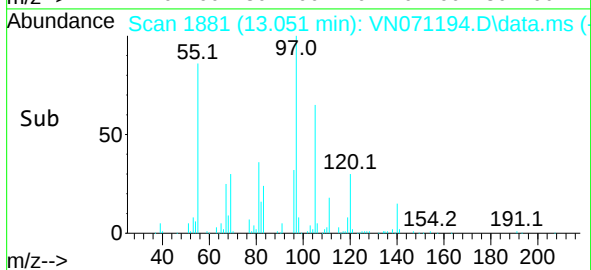
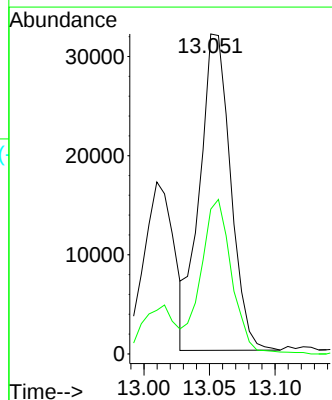
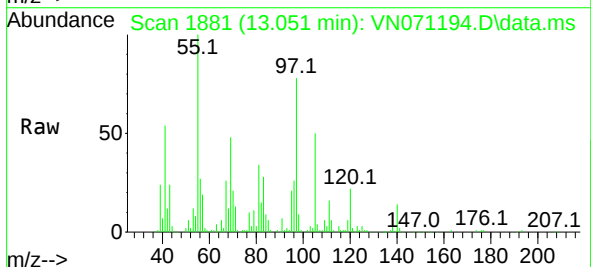
Instrument :
MSVOA_N
ClientSampleId :
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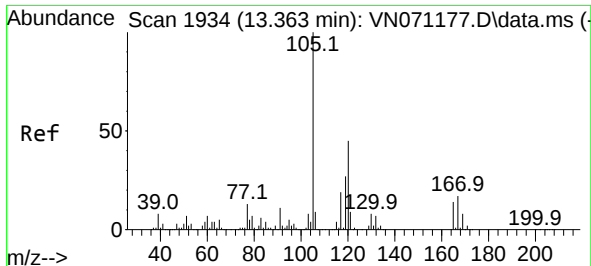
Tgt Ion: 91 Resp: 663057
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 1.461 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

Tgt Ion: 105 Resp: 52493
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6

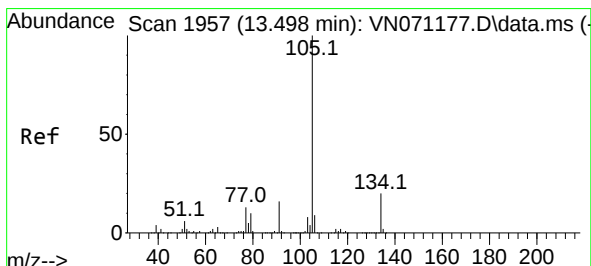
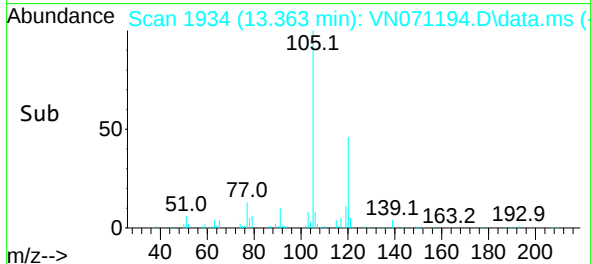
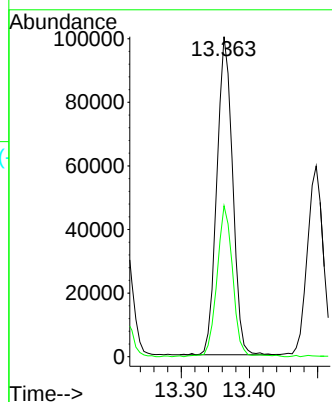
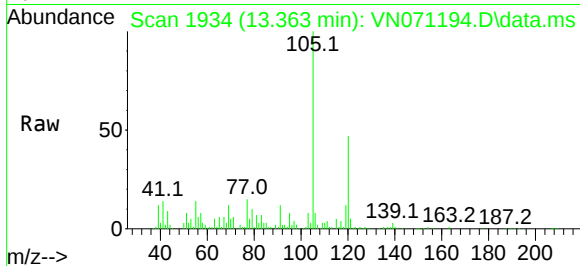




#84
1,2,4-Trimethylbenzene
Concen: 4.686 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

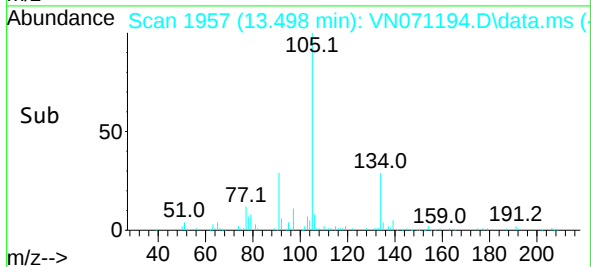
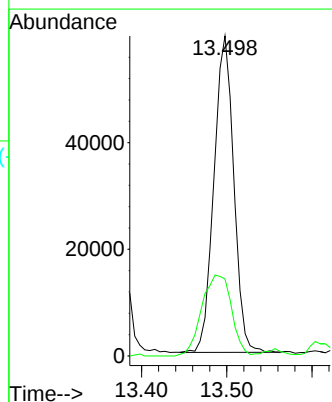
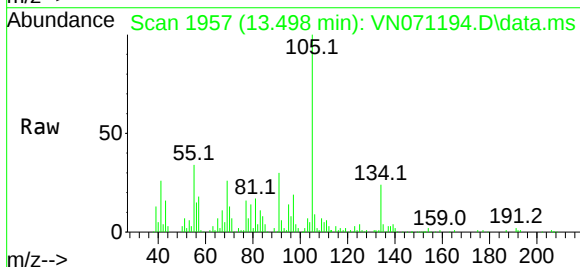
Instrument :
MSVOA_N
ClientSampleId :
P-1

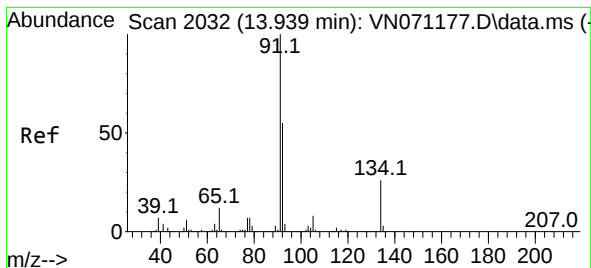
Tgt Ion:105 Resp: 161217
Ion Ratio Lower Upper
105 100
120 47.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 2.248 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071194.D
Acq: 08 Mar 2022 16:53

Tgt Ion:105 Resp: 95784
Ion Ratio Lower Upper
105 100
134 38.4 10.4 31.1#





#89

n-Butylbenzene

Concen: 5.716 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN071194.D

Acq: 08 Mar 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

P-1

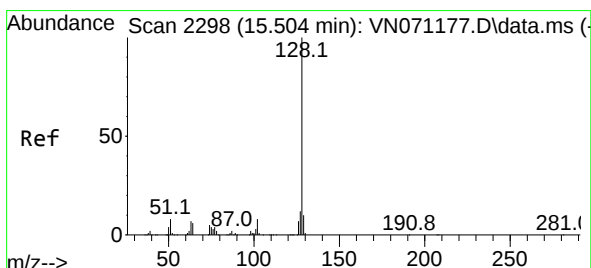
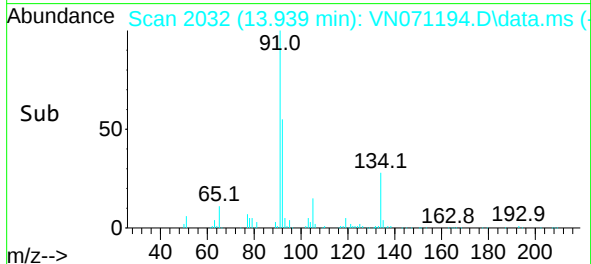
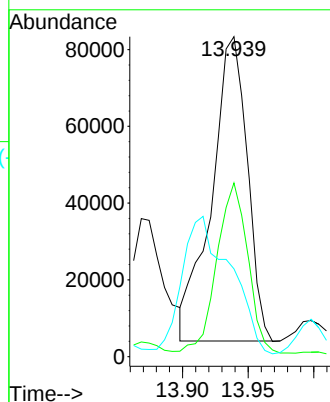
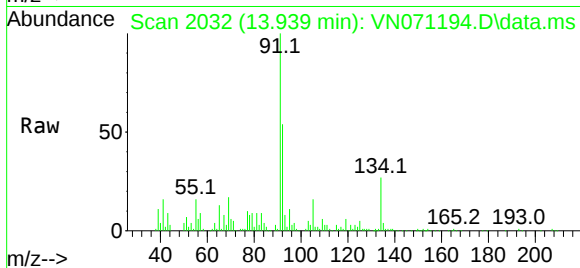
Tgt Ion: 91 Resp: 149785

Ion Ratio Lower Upper

91 100

92 49.1 25.4 76.0

134 0.0 13.6 40.8#



#95

Naphthalene

Concen: 17.283 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN071194.D

Acq: 08 Mar 2022 16:53

Tgt Ion:128 Resp: 298422

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.7 13.1

