

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070865.D
 Acq On : 31 Jan 2022 20:47
 Operator : JC/MD
 Sample : N1337-01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-1

Quant Time: Feb 01 05:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	905642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1426021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1180886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	621886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	604607	46.583	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.160%
35) Dibromofluoromethane	8.016	113	395648	44.728	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.460%
50) Toluene-d8	10.438	98	1849943	49.644	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.728	95	711610	53.589	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.180%

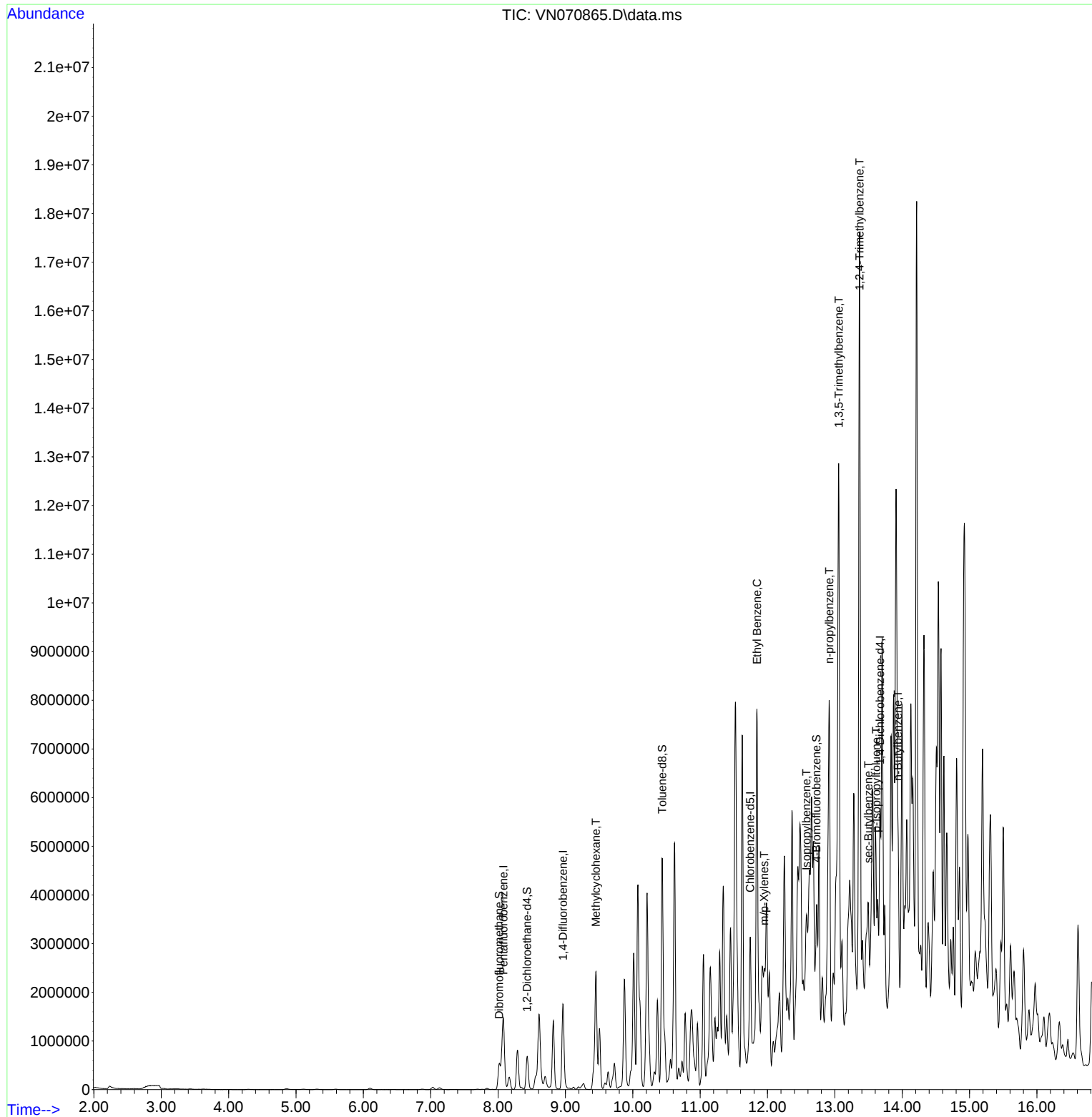
Target Compounds						Qvalue
39) Methylcyclohexane	9.454	83	666158	36.236	ug/l #	81
67) Ethyl Benzene	11.843	91	4837513	101.981	ug/l	95
68) m/p-Xylenes	11.950	106	216660	12.555	ug/l	87
73) Isopropylbenzene	12.578	105	1165086	19.803	ug/l	97
78) n-propylbenzene	12.919	91	5163662	78.479	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	4278358	89.924	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	8962944	195.985	ug/l	97
85) sec-Butylbenzene	13.498	105	881414	15.655	ug/l #	64
86) p-Isopropyltoluene	13.613	119	527828	11.934	ug/l	93
89) n-Butylbenzene	13.938	91	1686720	46.226	ug/l #	74

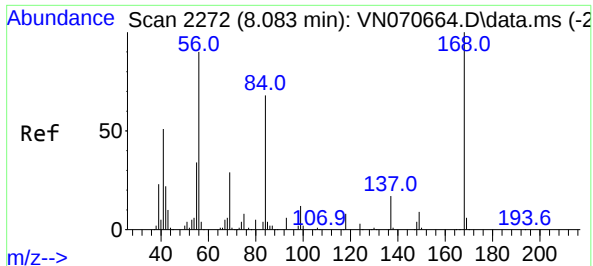
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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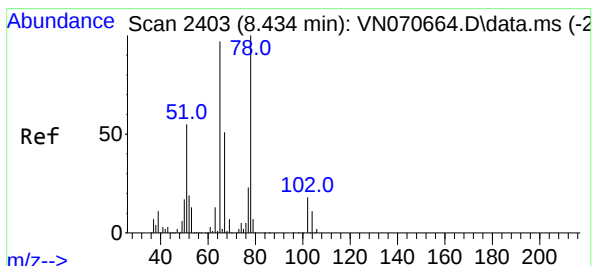
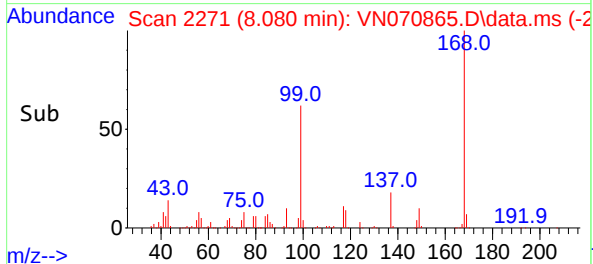
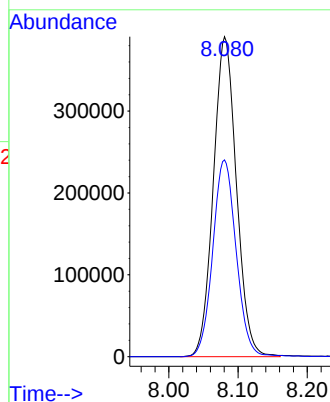
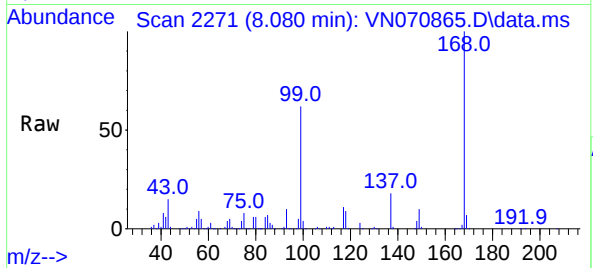




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

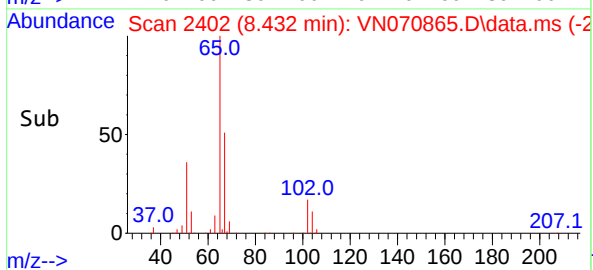
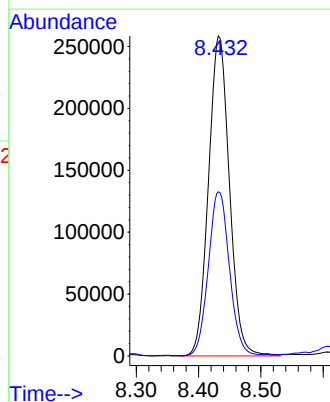
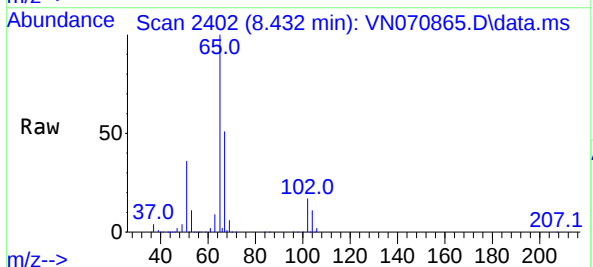
Instrument :
MSVOA_N
ClientSampleId :
SS-1

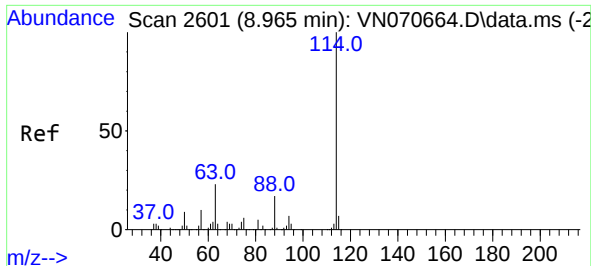
Tgt Ion:168 Resp: 905642
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 46.583 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion: 65 Resp: 604607
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

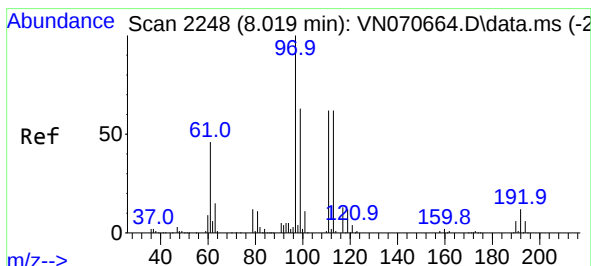
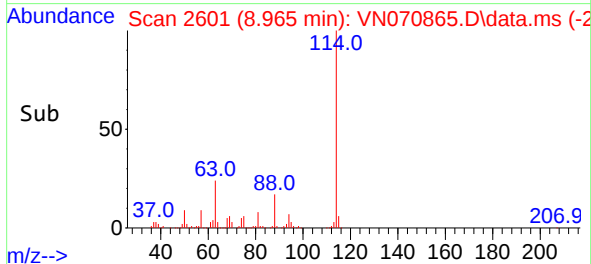
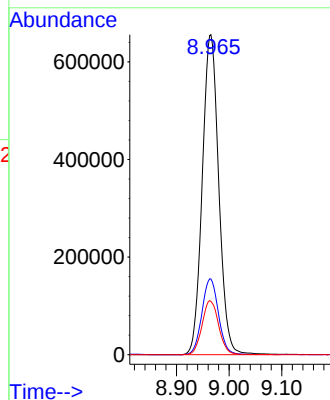
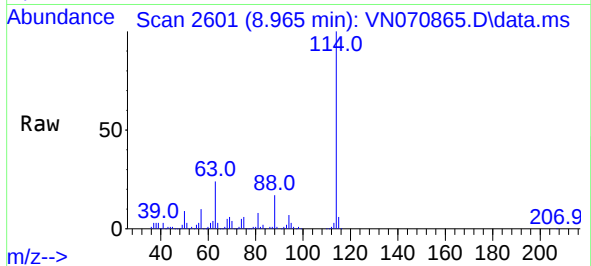




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

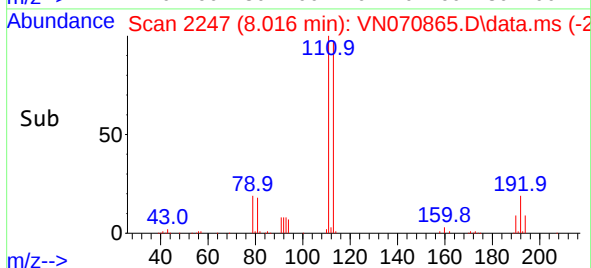
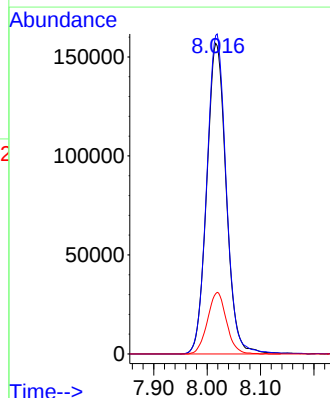
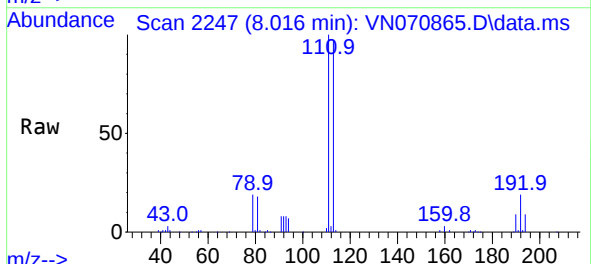
Instrument :
MSVOA_N
ClientSampleId :
SS-1

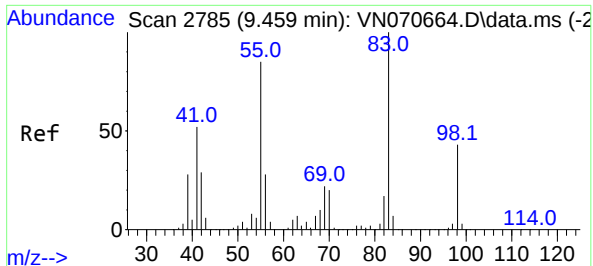
Tgt Ion:114 Resp: 1426021
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.728 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.003 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion:113 Resp: 395648
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.5 16.9 25.3





#39

Methylcyclohexane

Concen: 36.236 ug/l

RT: 9.454 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN070865.D

Acq: 31 Jan 2022 20:47

Instrument :

MSVOA_N

ClientSampleId :

SS-1

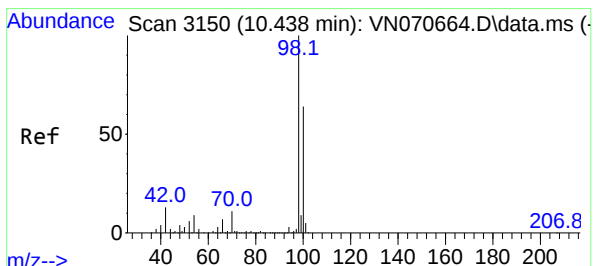
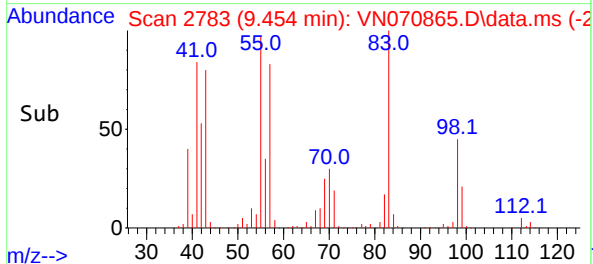
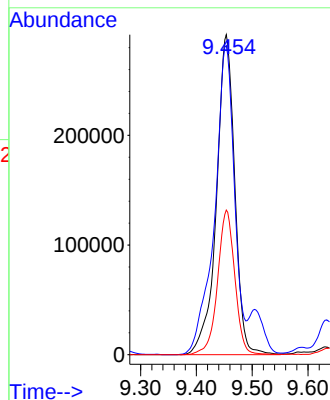
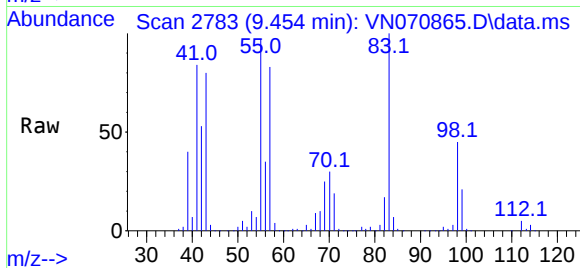
Tgt Ion: 83 Resp: 666158

Ion Ratio Lower Upper

83 100

55 96.5 58.1 87.1#

98 45.2 38.4 57.6



#50

Toluene-d8

Concen: 49.644 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VN070865.D

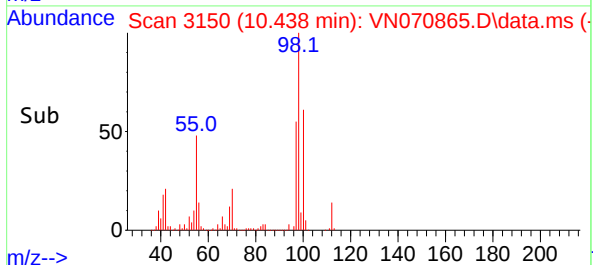
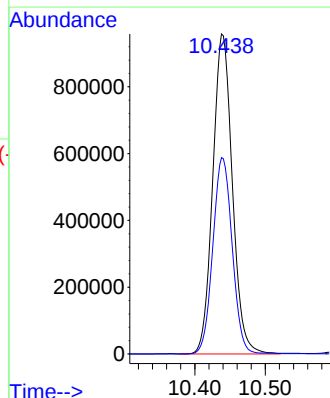
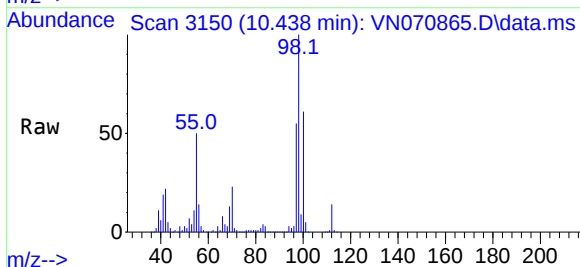
Acq: 31 Jan 2022 20:47

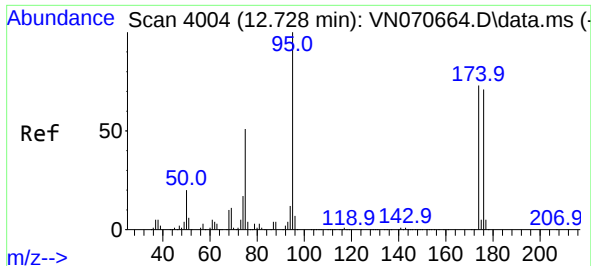
Tgt Ion: 98 Resp: 1849943

Ion Ratio Lower Upper

98 100

100 60.7 50.4 75.6

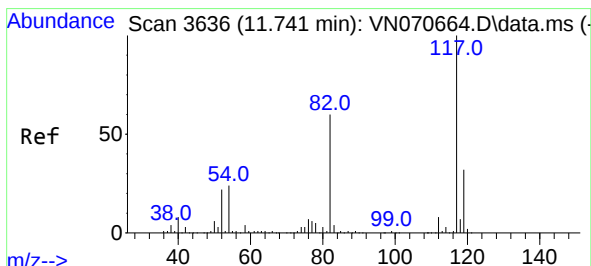
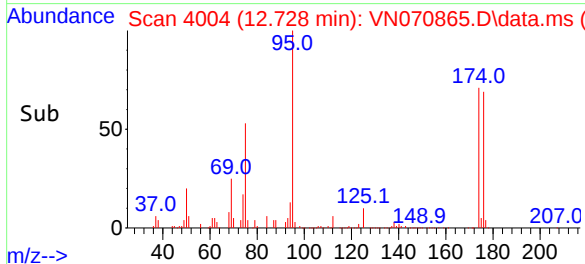
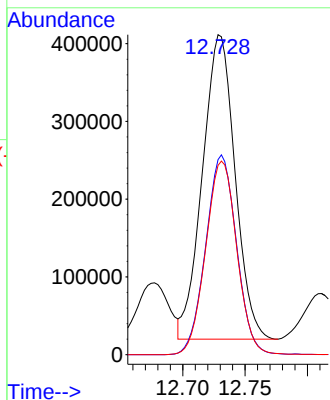
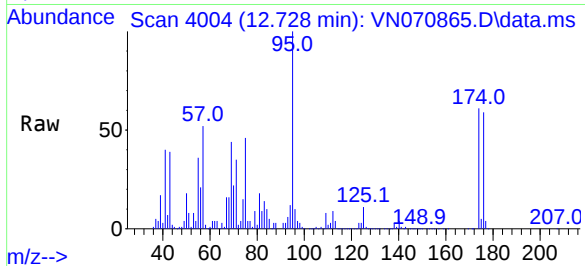




#62
4-Bromofluorobenzene
Concen: 53.589 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

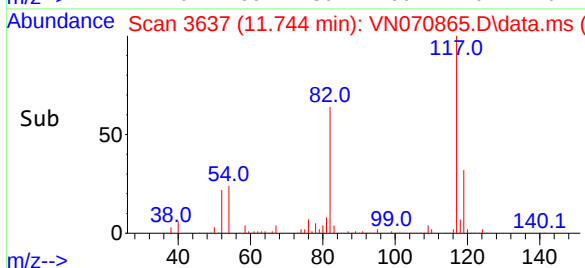
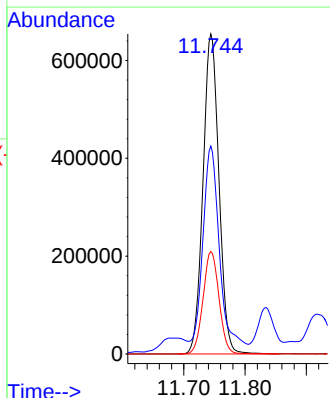
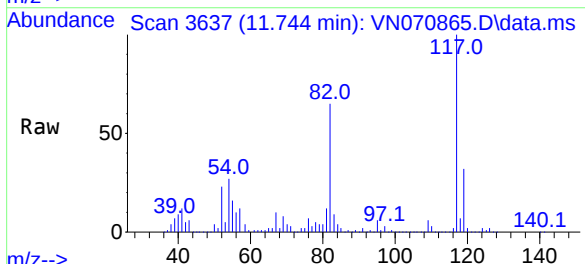
Instrument :
MSVOA_N
ClientSampleId :
SS-1

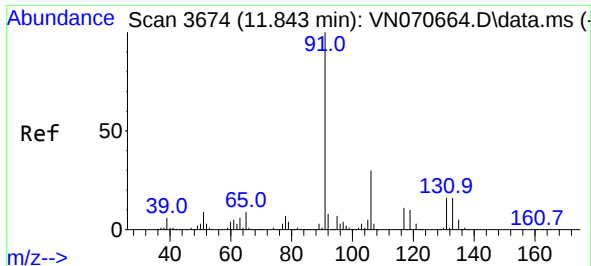
Tgt Ion: 95 Resp: 711610
Ion Ratio Lower Upper
95 100
174 62.1 0.0 187.2
176 60.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion: 117 Resp: 1180886
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.0 25.4 38.2

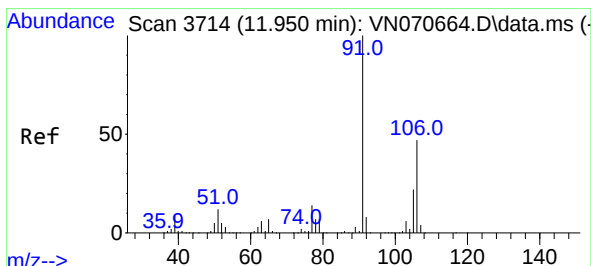
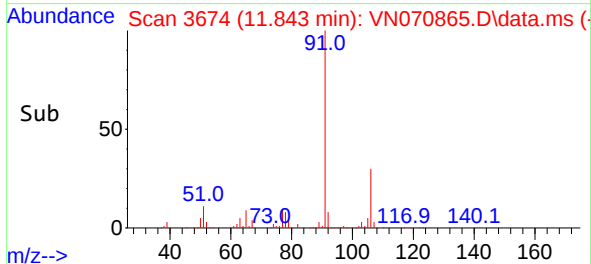
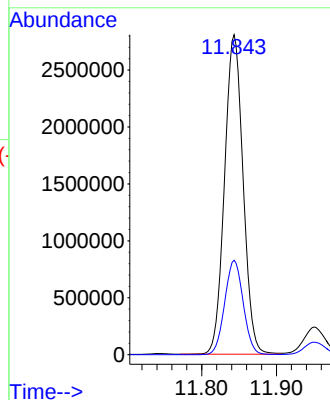
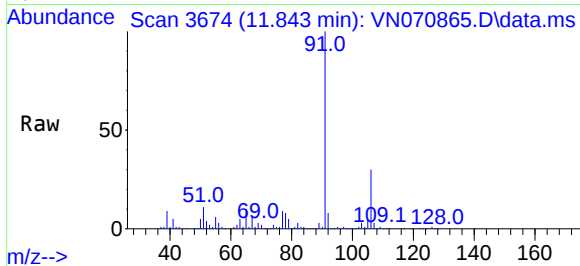




#67
Ethyl Benzene
Concen: 101.981 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

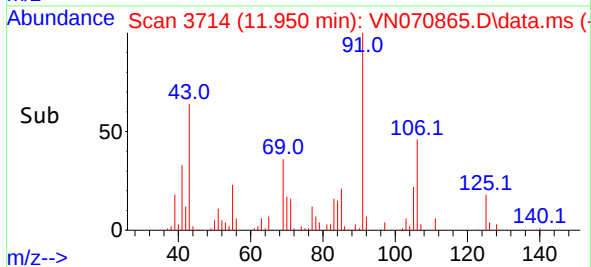
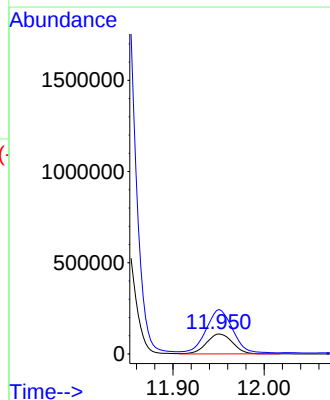
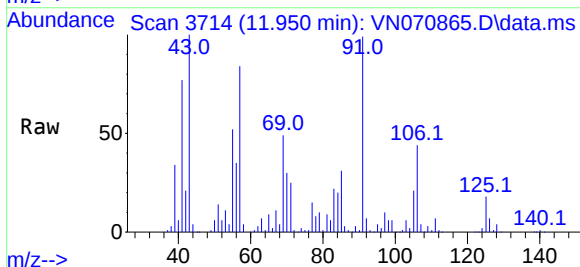
Instrument :
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ClientSampleId :
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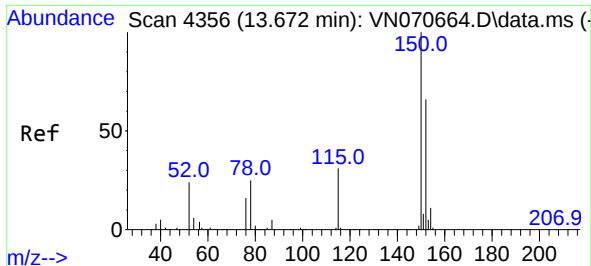
Tgt Ion: 91 Resp: 4837513
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5



#68
m/p-Xylenes
Concen: 12.555 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion:106 Resp: 216660
Ion Ratio Lower Upper
106 100
91 220.3 160.6 240.8

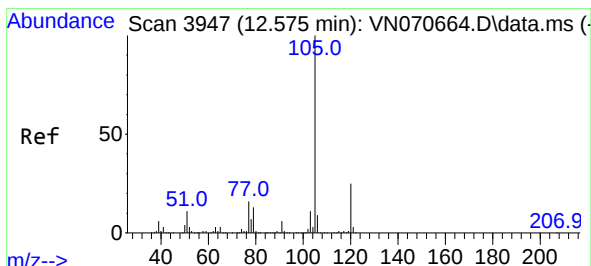
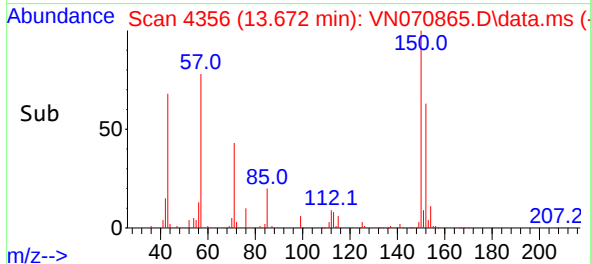
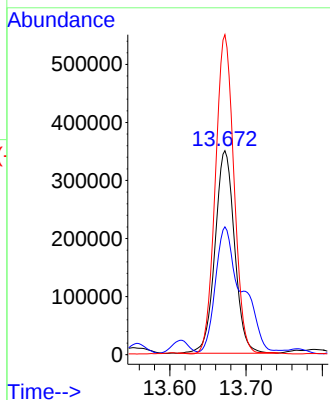
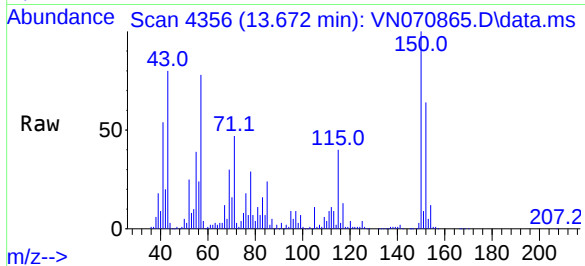




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

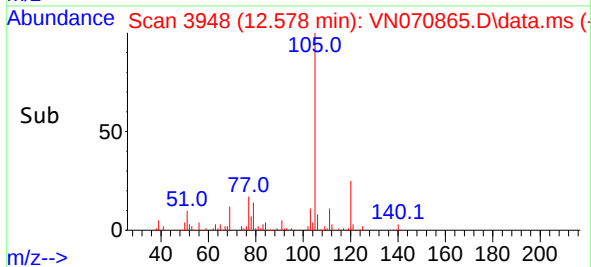
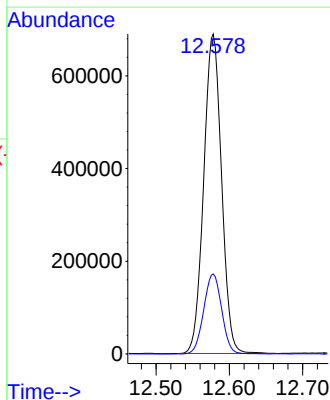
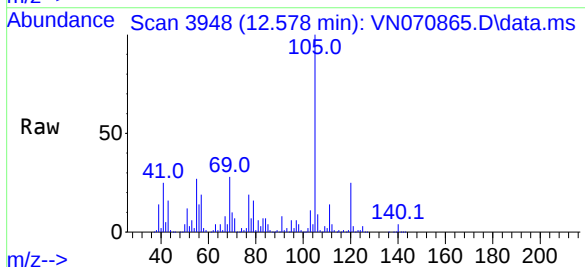
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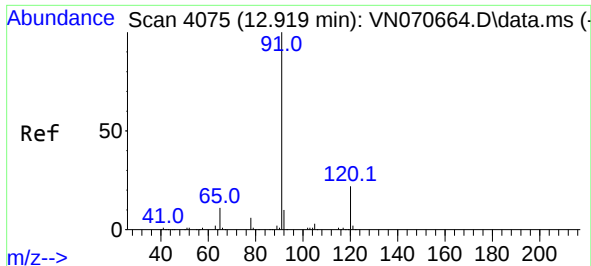
Tgt Ion:152 Resp: 621886
Ion Ratio Lower Upper
152 100
115 82.4 27.5 82.5
150 149.8 0.0 344.4



#73
Isopropylbenzene
Concen: 19.803 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion:105 Resp: 1165086
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

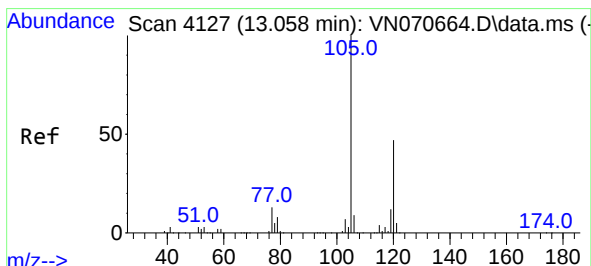
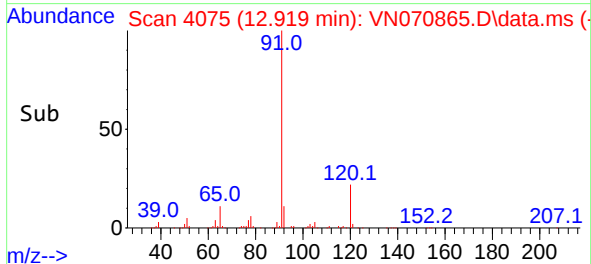
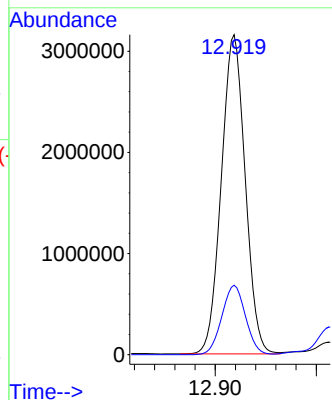
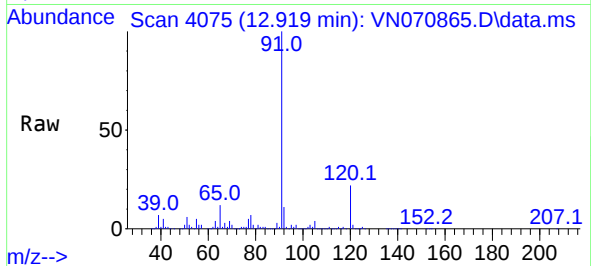




#78
n-propylbenzene
Concen: 78.479 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

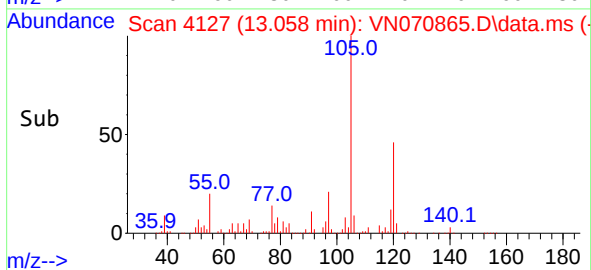
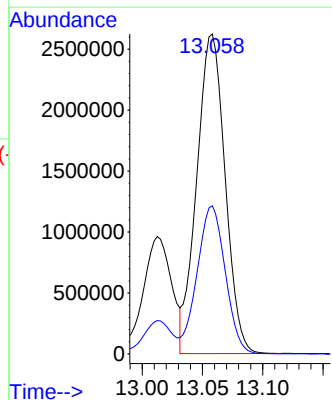
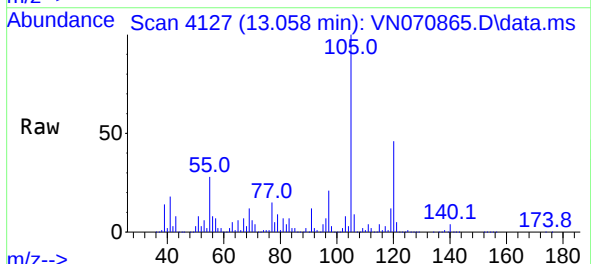
Instrument :
MSVOA_N
ClientSampleId :
SS-1

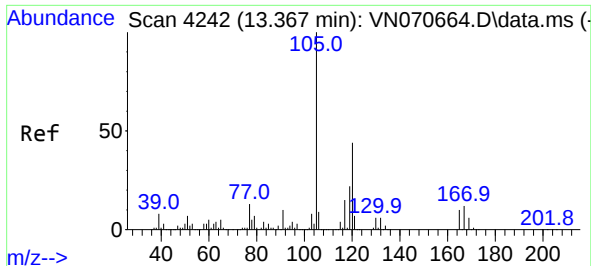
Tgt Ion: 91 Resp: 5163662
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 89.924 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion:105 Resp: 4278358
Ion Ratio Lower Upper
105 100
120 46.0 24.6 73.6

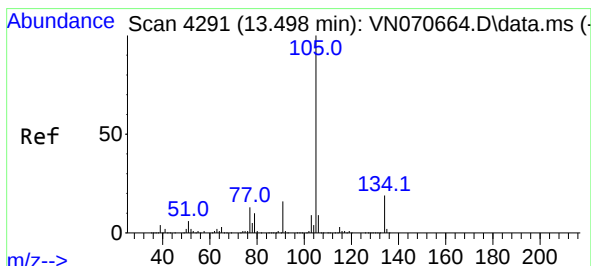
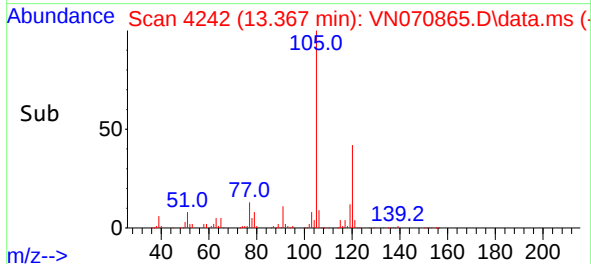
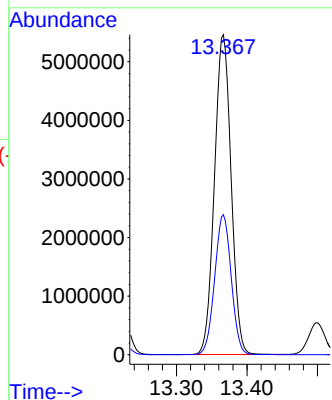
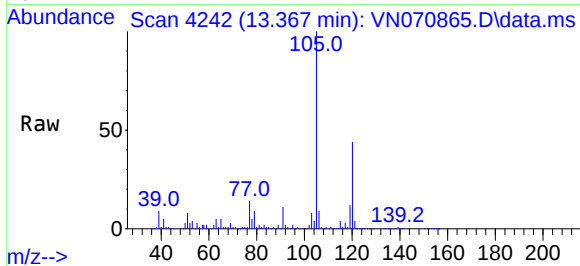




#84
1,2,4-Trimethylbenzene
Concen: 195.985 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

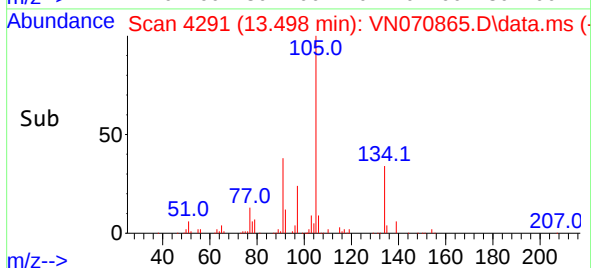
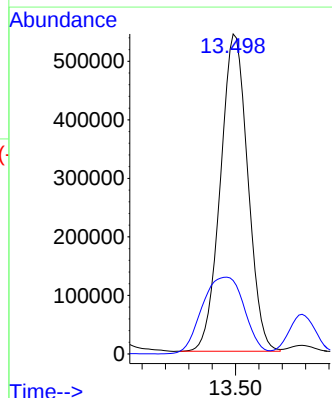
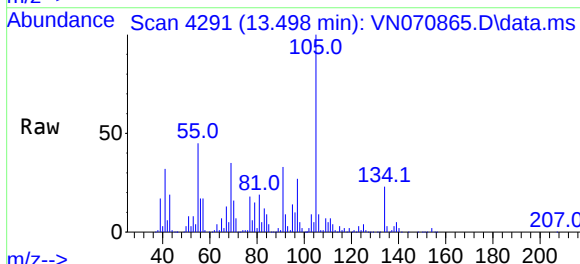
Instrument :
MSVOA_N
ClientSampleId :
SS-1

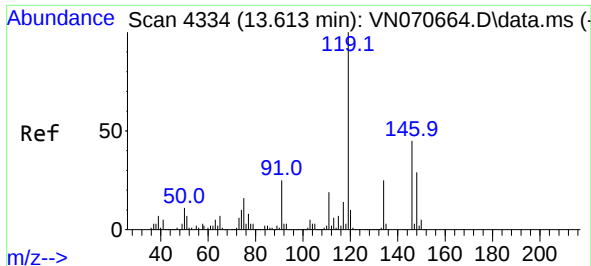
Tgt Ion:105 Resp: 8962944
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 15.655 ug/l
RT: 13.498 min Scan# 4291
Delta R.T. -0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion:105 Resp: 881414
Ion Ratio Lower Upper
105 100
134 37.4 10.4 31.1#

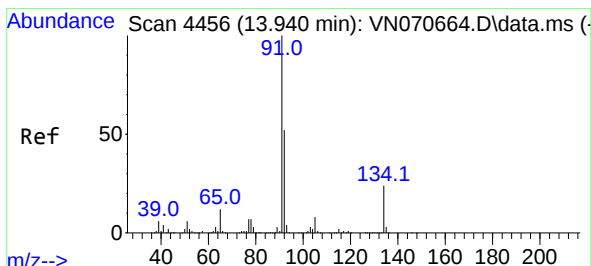
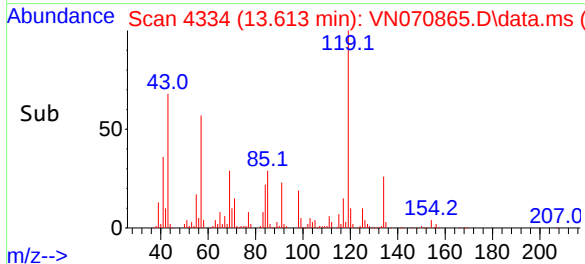
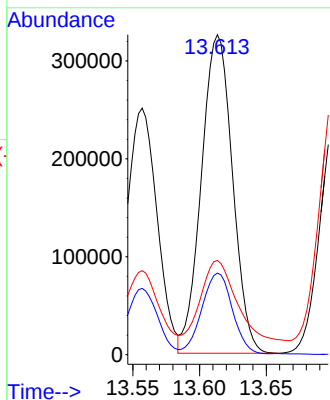
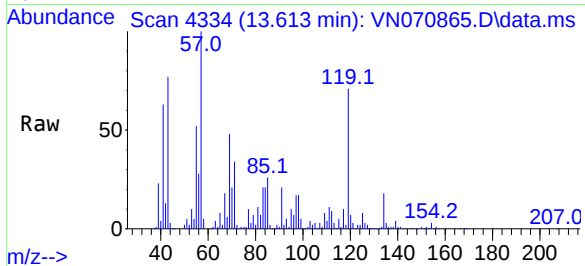




#86
p-Isopropyltoluene
Concen: 11.934 ug/l
RT: 13.613 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Instrument :
MSVOA_N
ClientSampleId :
SS-1

Tgt Ion:119 Resp: 527828
Ion Ratio Lower Upper
119 100
134 24.9 13.6 40.7
91 28.0 11.4 34.1



#89
n-Butylbenzene
Concen: 46.226 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070865.D
Acq: 31 Jan 2022 20:47

Tgt Ion: 91 Resp: 1686720
Ion Ratio Lower Upper
91 100
92 59.2 25.4 76.0
134 0.0 13.6 40.8#

