

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070676.D
 Acq On : 18 Jan 2022 19:50
 Operator : JC/MD
 Sample : N1145-08DL 10X
 Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A3-8-5.5DL

Quant Time: Jan 19 04:58:07 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)

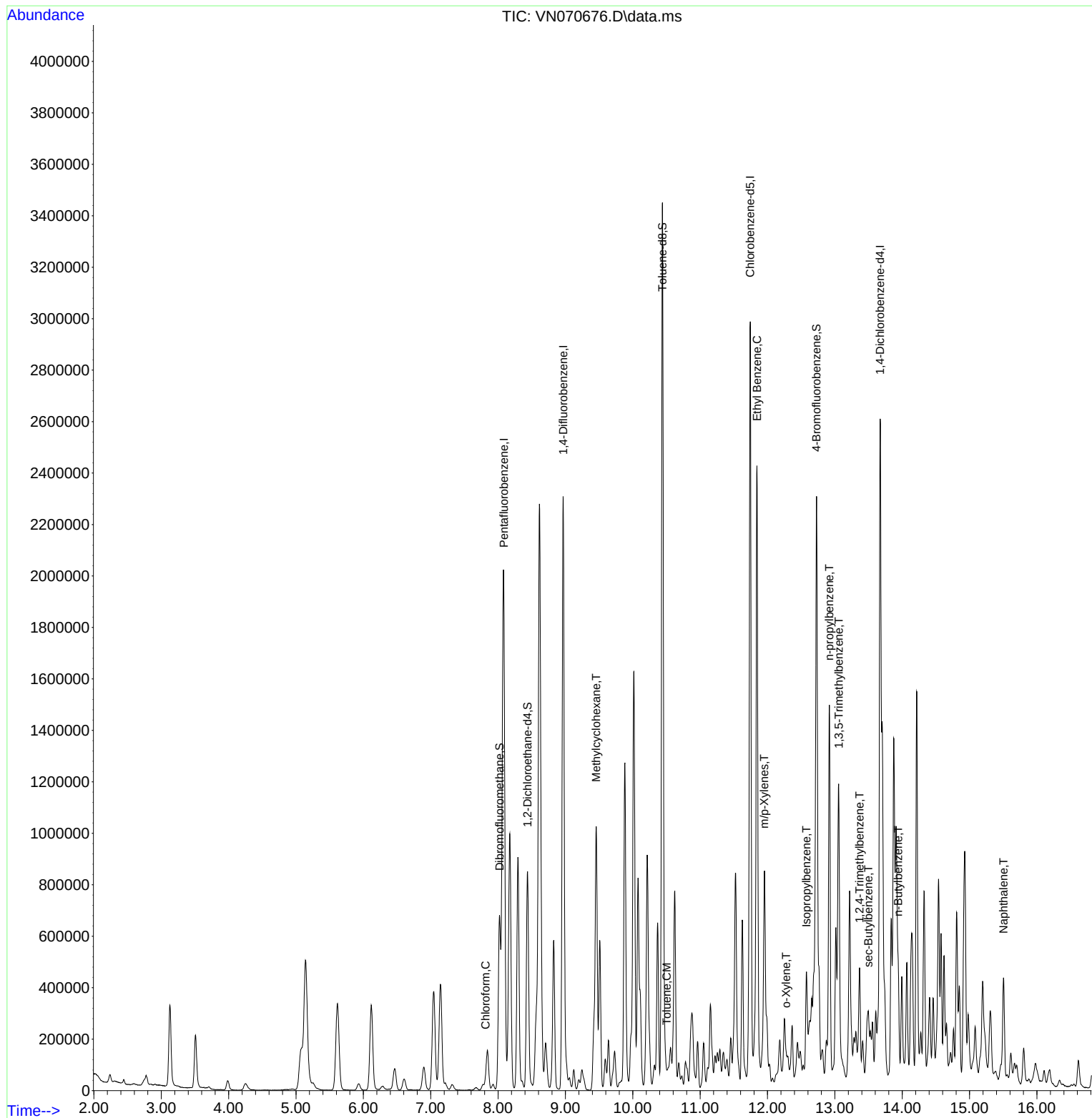
Internal Standards						
1) Pentafluorobenzene	8.085	168	1123338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1761628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1622496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	649762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	719348	44.682	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.360%
35) Dibromofluoromethane	8.021	113	499284	45.691	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.380%
50) Toluene-d8	10.440	98	2227540	48.389	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.728	95	776571	47.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.680%
Target Compounds						
					Qvalue	
30) Chloroform	7.815	83	27492	0.548	ug/l	95
39) Methylcyclohexane	9.456	83	246697	10.863	ug/l #	77
52) Toluene	10.502	92	12629	0.370	ug/l	96
67) Ethyl Benzene	11.843	91	1716409	26.336	ug/l	95
68) m/p-Xylenes	11.953	106	139576	5.887	ug/l	91
69) o-Xylene	12.277	106	8490	0.361	ug/l	92
73) Isopropylbenzene	12.578	105	260100	4.231	ug/l	97
78) n-propylbenzene	12.918	91	1172037	17.049	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	479161	9.639	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	243664	5.099	ug/l	97
85) sec-Butylbenzene	13.498	105	124331	2.113	ug/l #	60
89) n-Butylbenzene	13.940	91	234874	6.161	ug/l #	80
95) Naphthalene	15.504	128	350760	14.329	ug/l	99

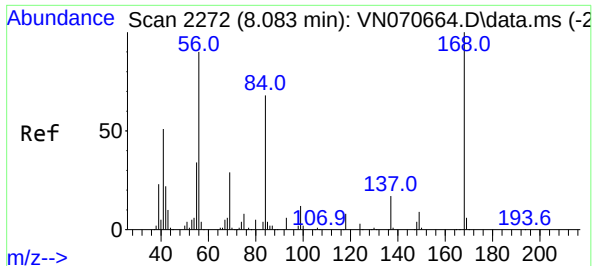
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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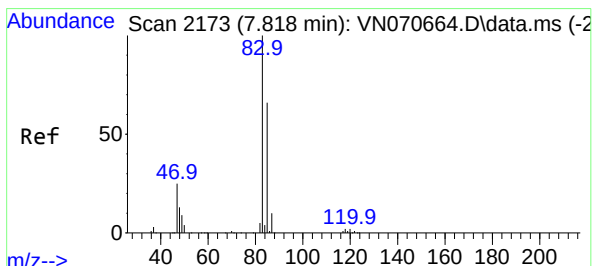
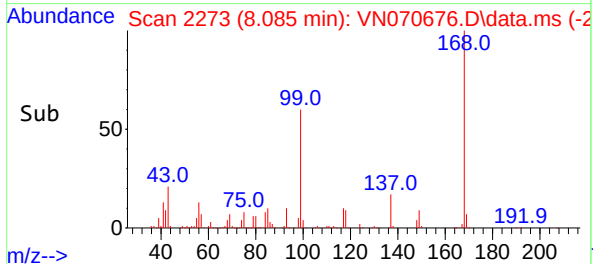
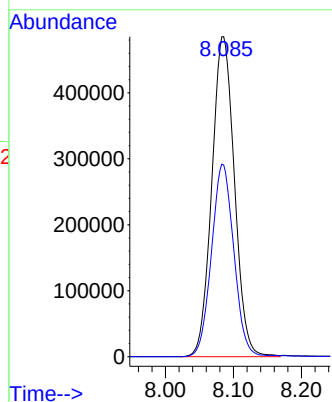
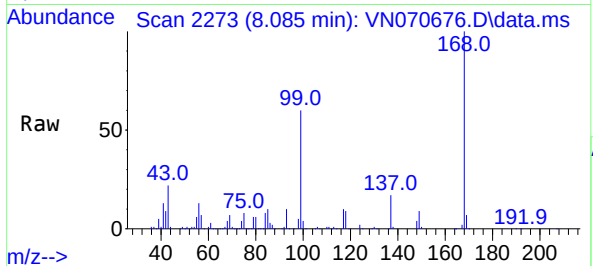




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

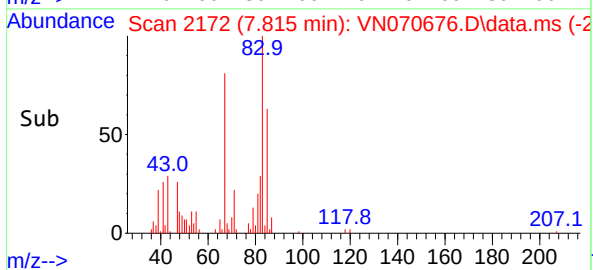
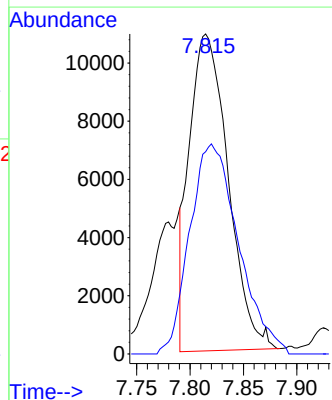
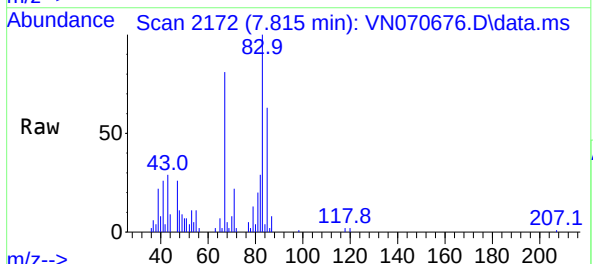
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

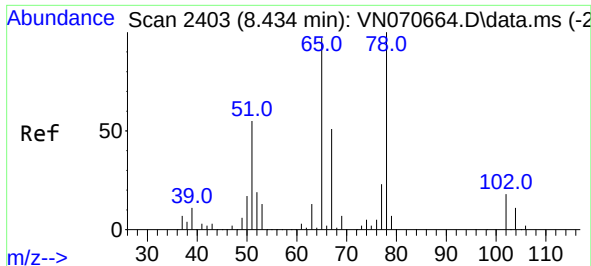
Tgt Ion:168 Resp: 1123338
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#30
Chloroform
Concen: 0.548 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion: 83 Resp: 27492
Ion Ratio Lower Upper
83 100
85 60.6 51.9 77.9

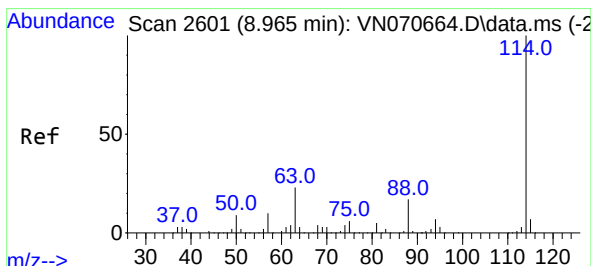
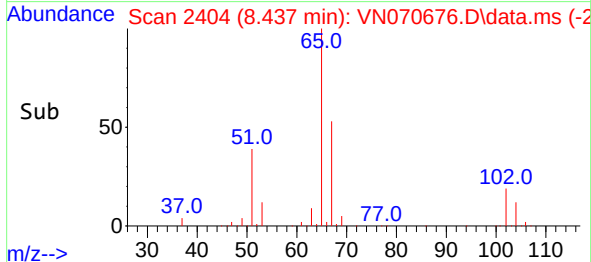
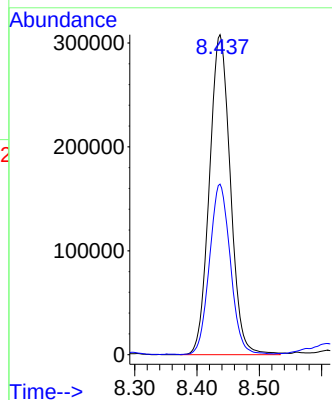
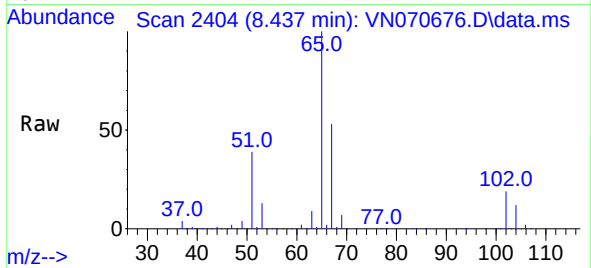




#33
1,2-Dichloroethane-d4
Concen: 44.682 ug/l
RT: 8.437 min Scan# 24
Delta R.T. 0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

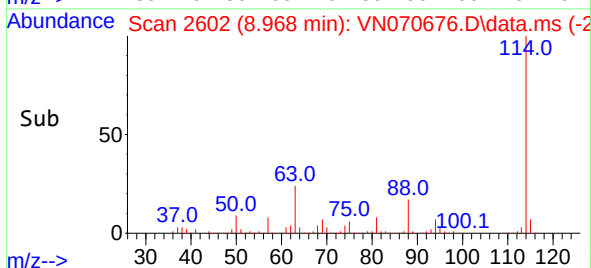
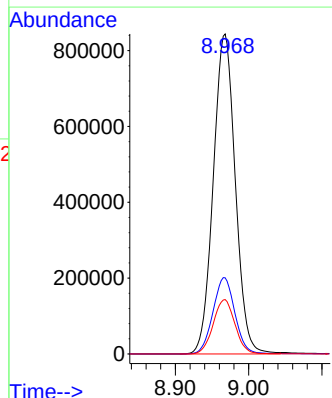
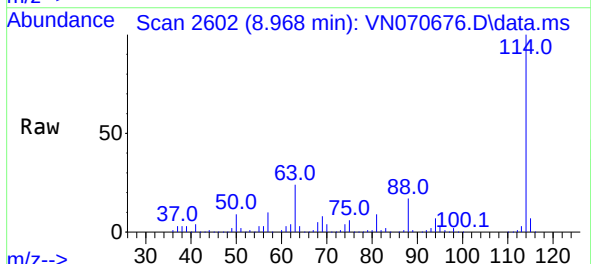
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

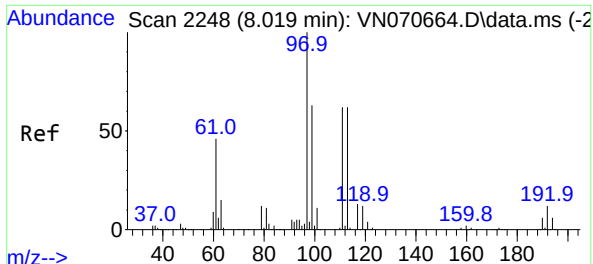
Tgt Ion: 65 Resp: 719348
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion: 114 Resp: 1761628
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 17.0 0.0 27.4

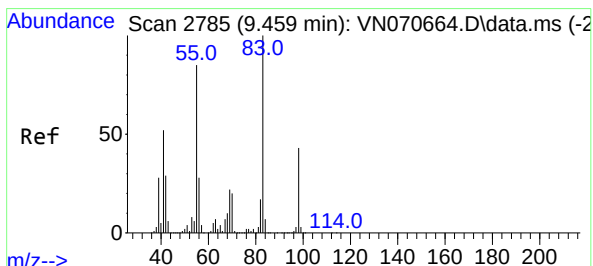
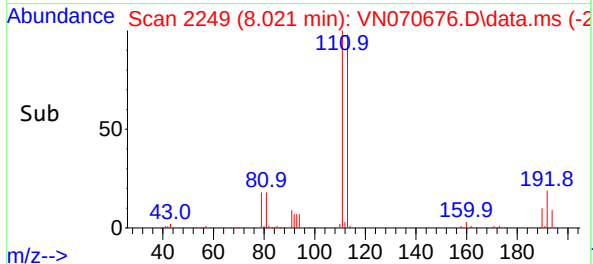
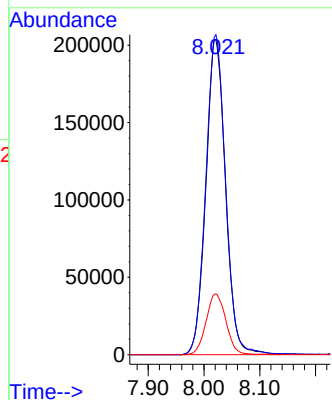
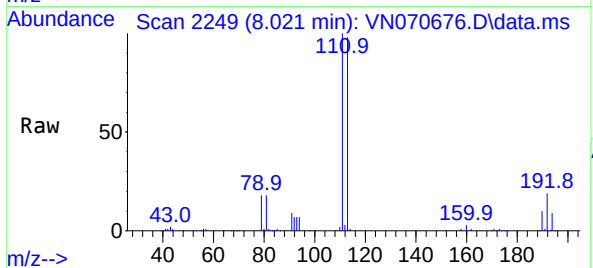




#35
Dibromofluoromethane
Concen: 45.691 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

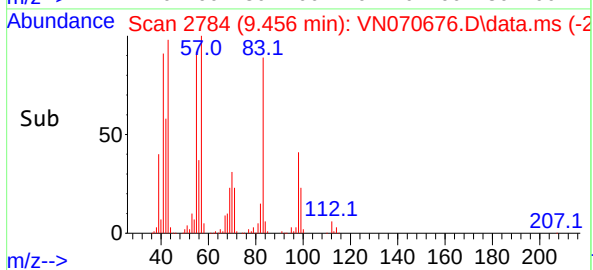
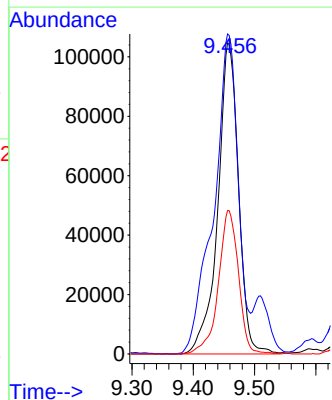
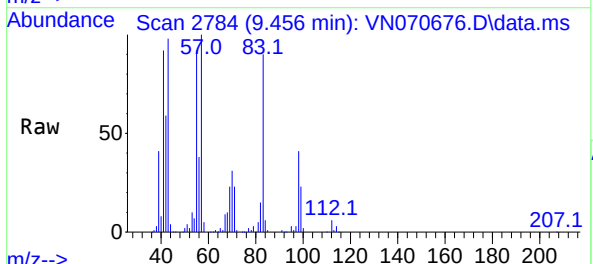
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

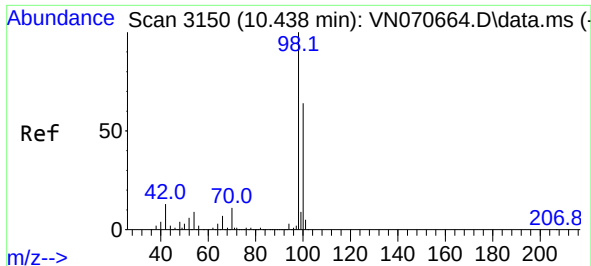
Tgt Ion:113 Resp: 499284
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.4 16.9 25.3



#39
Methylcyclohexane
Concen: 10.863 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion: 83 Resp: 246697
Ion Ratio Lower Upper
83 100
55 102.6 58.1 87.1#
98 46.1 38.4 57.6

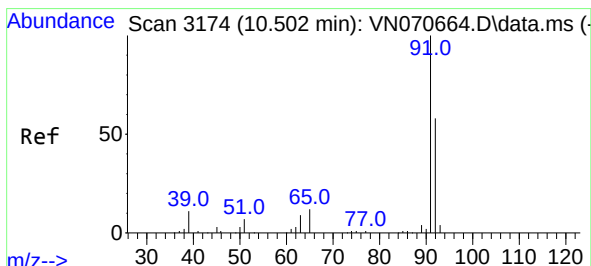
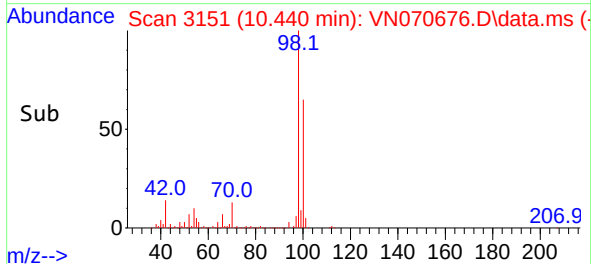
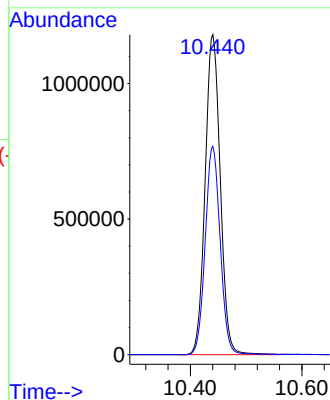
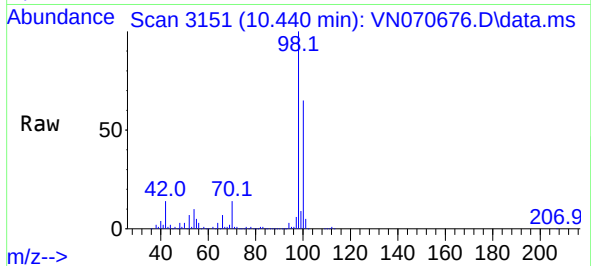




#50
Toluene-d8
Concen: 48.389 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

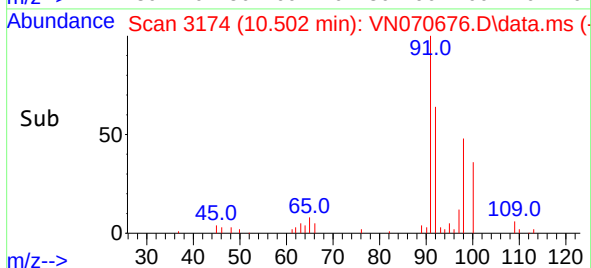
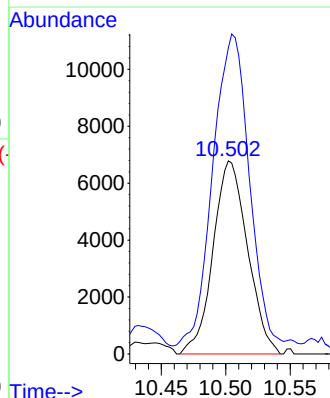
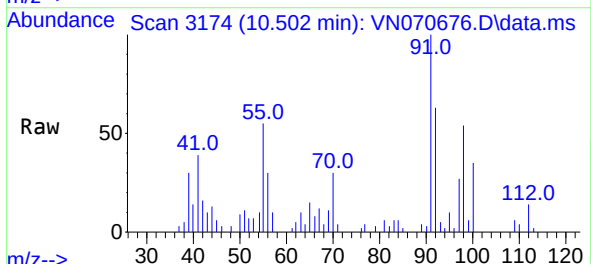
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.DL

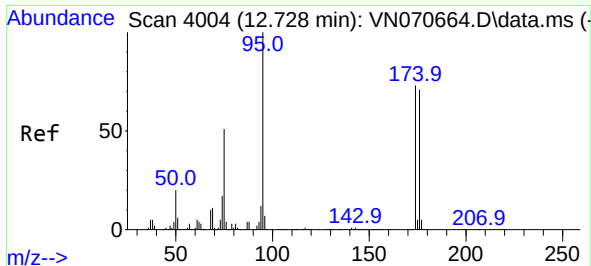
Tgt Ion: 98 Resp: 2227540
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#52
Toluene
Concen: 0.370 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion: 92 Resp: 12629
Ion Ratio Lower Upper
92 100
91 171.5 142.0 213.0



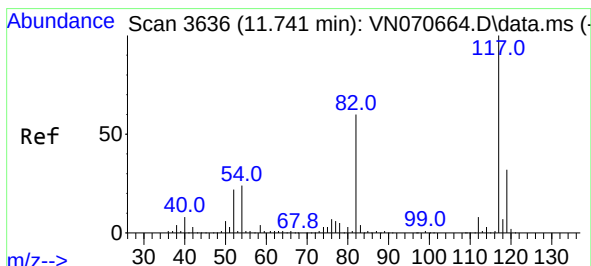
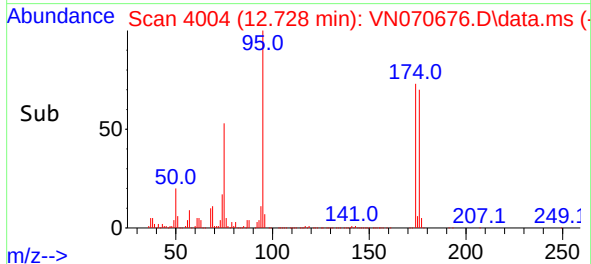
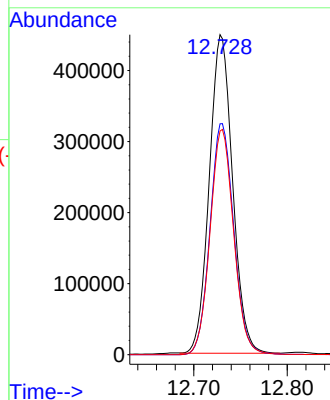
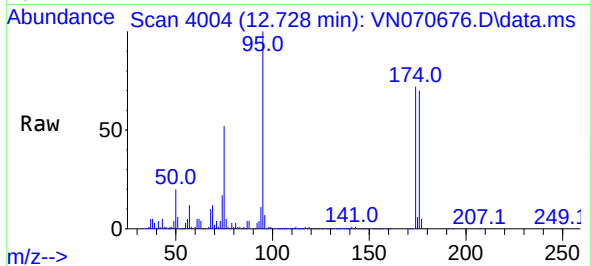


#62
4-Bromofluorobenzene
Concen: 47.340 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

Tgt Ion: 95 Resp: 776571

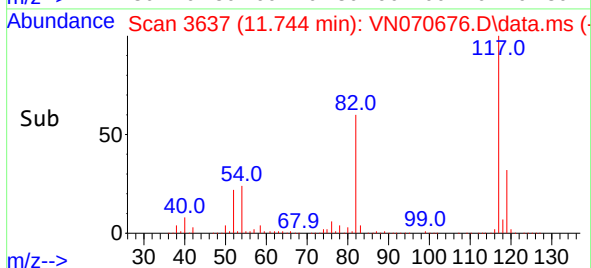
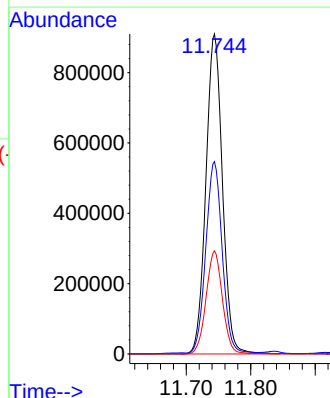
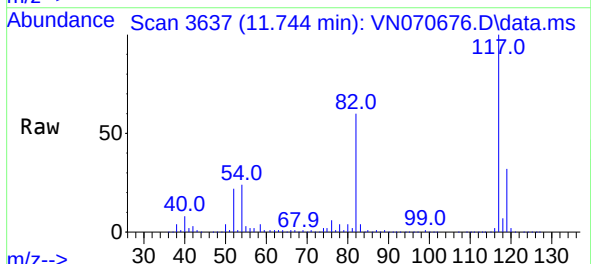
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	187.2
176	71.8	0.0	181.4

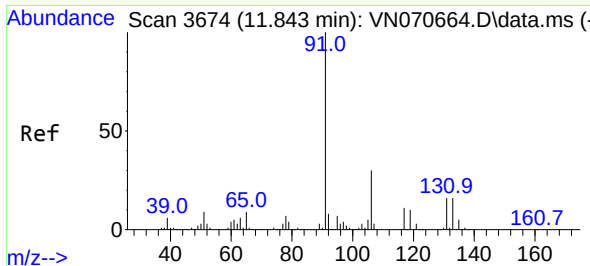


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion: 117 Resp: 1622496

Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	32.2	25.4	38.2

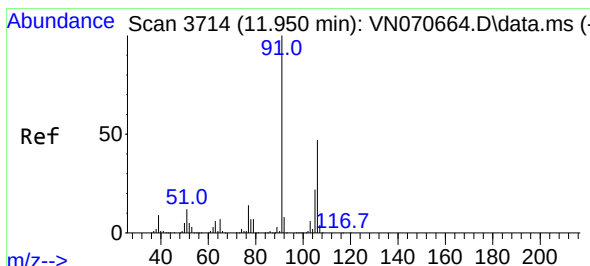
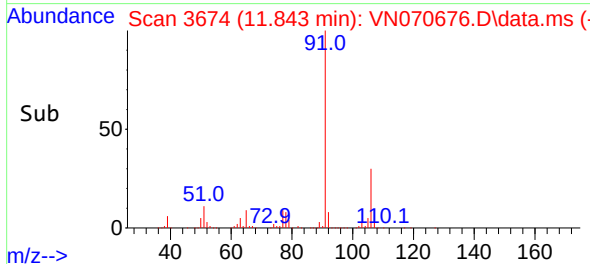
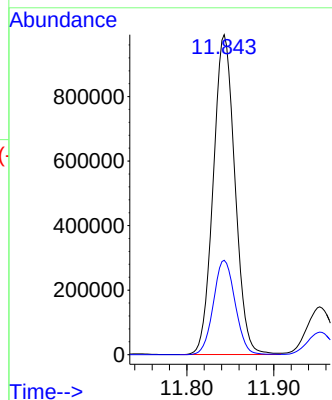
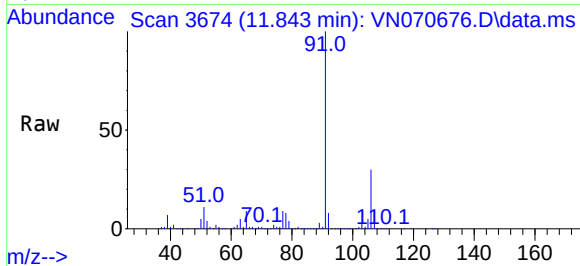




#67
Ethyl Benzene
Concen: 26.336 ug/l
RT: 11.843 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

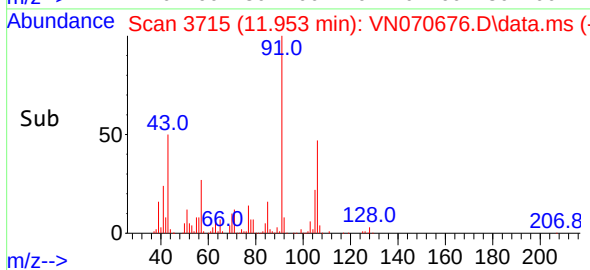
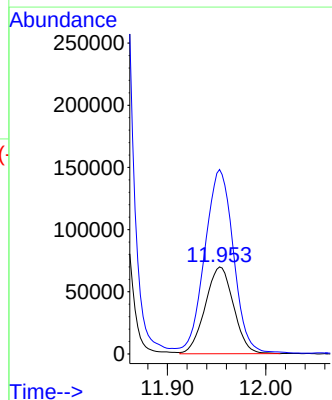
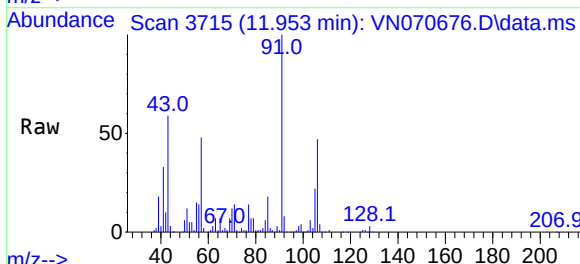
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MSVOA_N
ClientSampleId :
A3-8-5.5DL

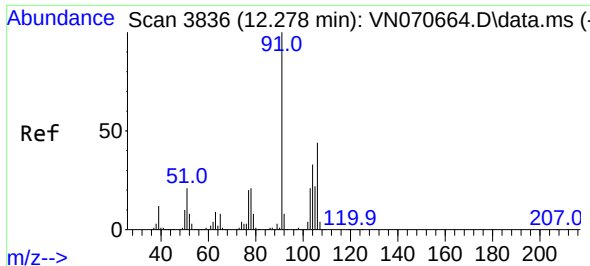
Tgt Ion: 91 Resp: 1716409
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5



#68
m/p-Xylenes
Concen: 5.887 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion:106 Resp: 139576
Ion Ratio Lower Upper
106 100
91 215.0 160.6 240.8

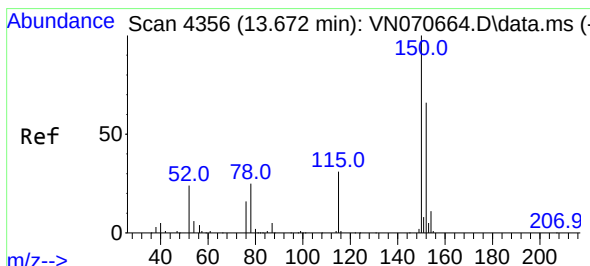
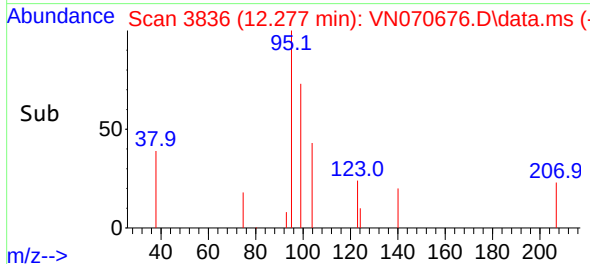
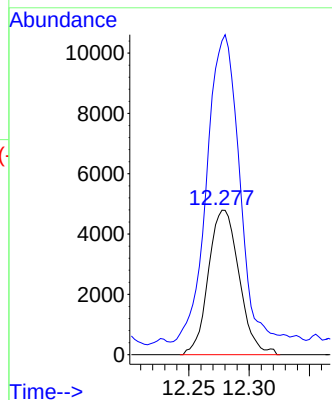
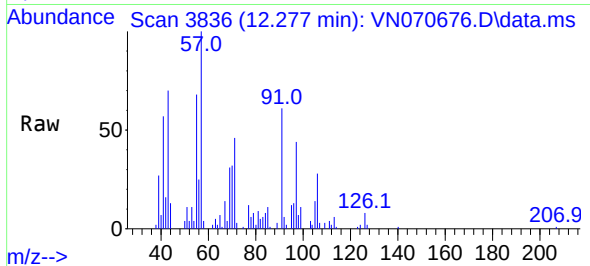




#69
o-Xylene
Concen: 0.361 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

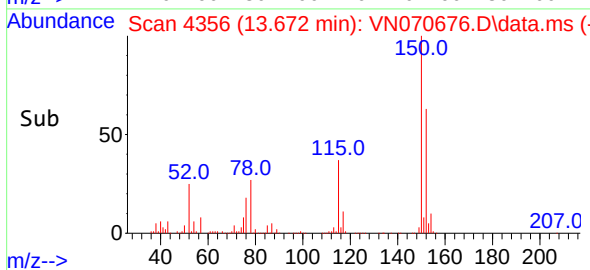
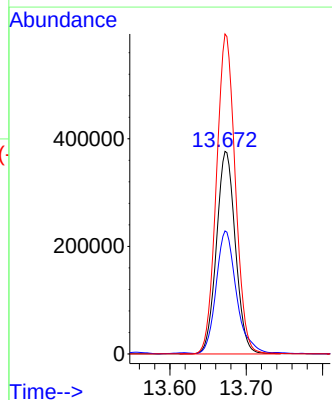
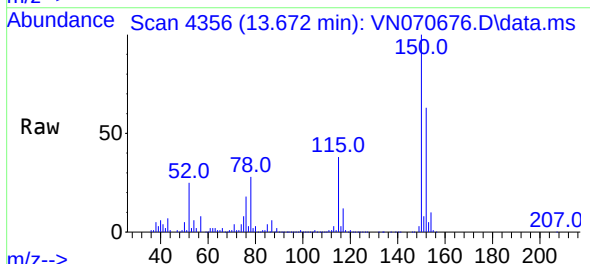
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

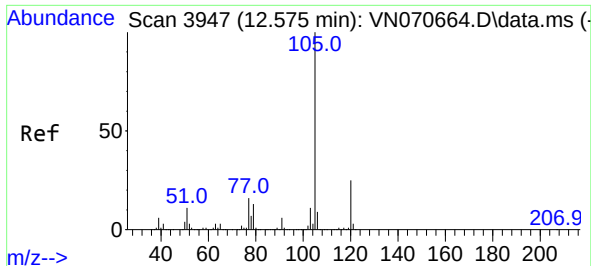
Tgt Ion:106 Resp: 8490
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion:152 Resp: 649762
Ion Ratio Lower Upper
152 100
115 64.7 27.5 82.5
150 157.5 0.0 344.4

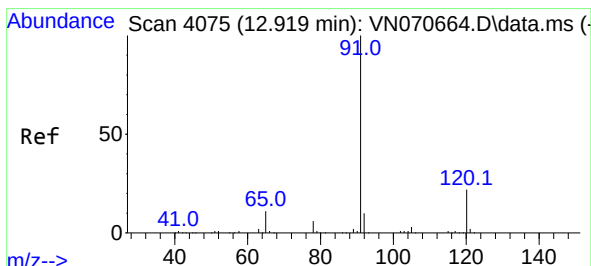
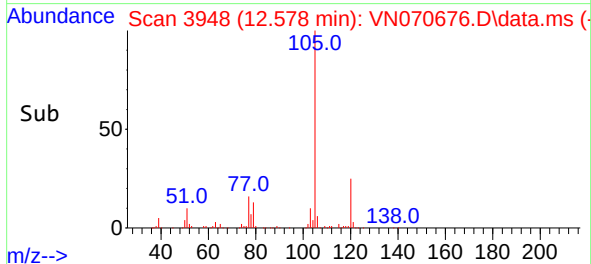
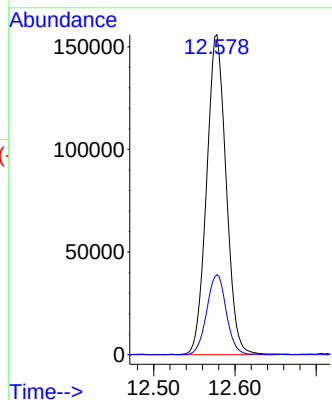
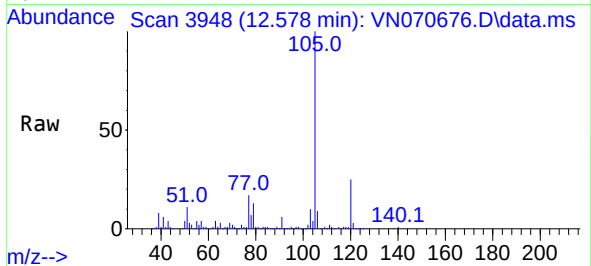




#73
Isopropylbenzene
Concen: 4.231 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

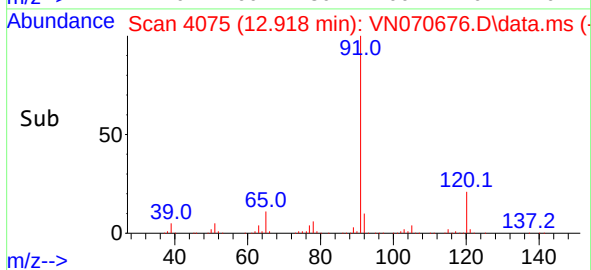
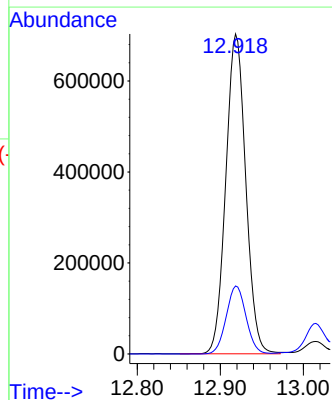
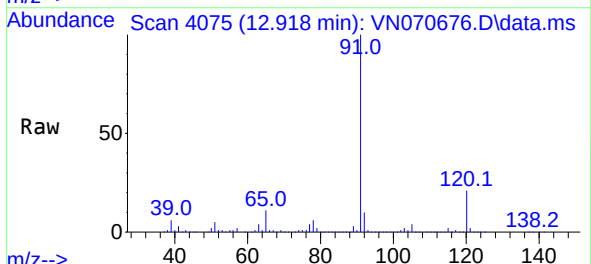
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

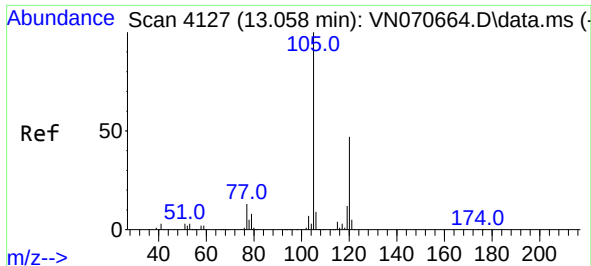
Tgt Ion:105 Resp: 260100
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



#78
n-propylbenzene
Concen: 17.049 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion: 91 Resp: 1172037
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.9

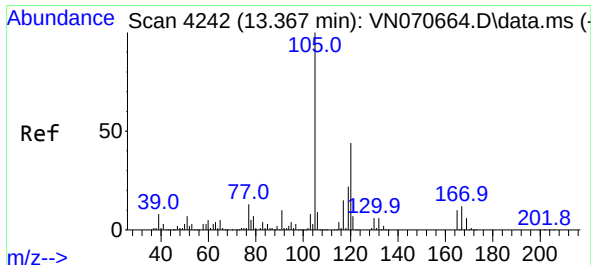
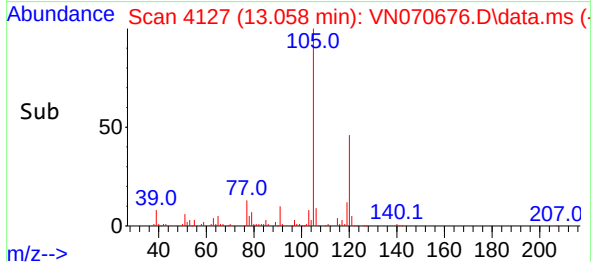
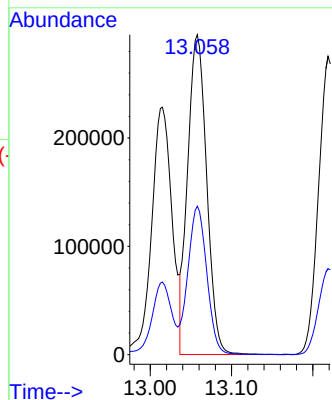
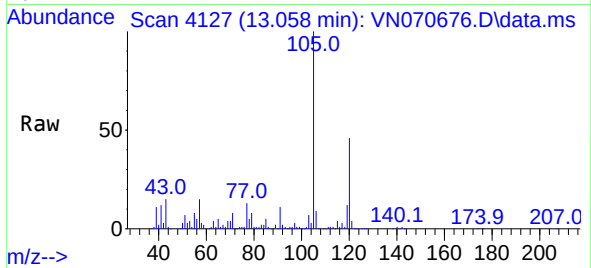




#80
1,3,5-Trimethylbenzene
Concen: 9.639 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

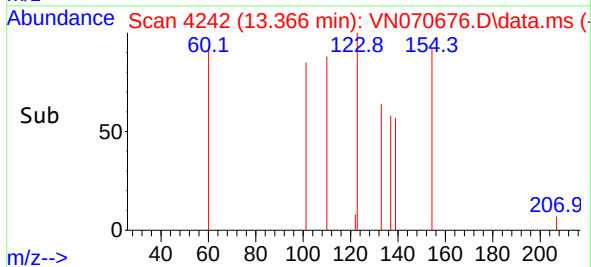
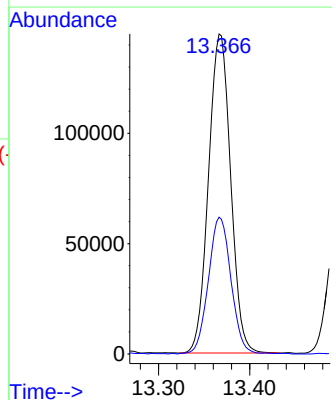
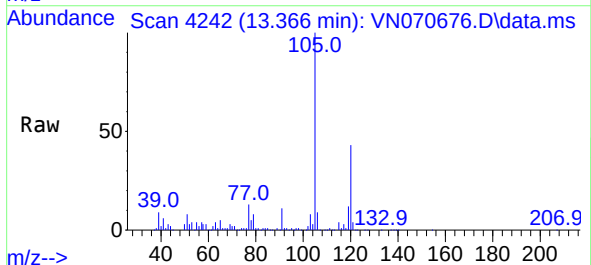
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

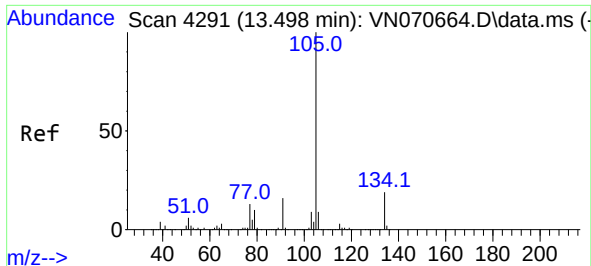
Tgt Ion:105 Resp: 479161
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 5.099 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Tgt Ion:105 Resp: 243664
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4

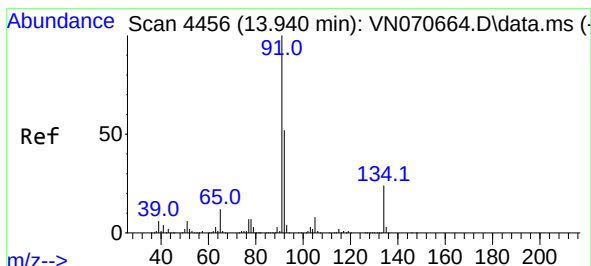
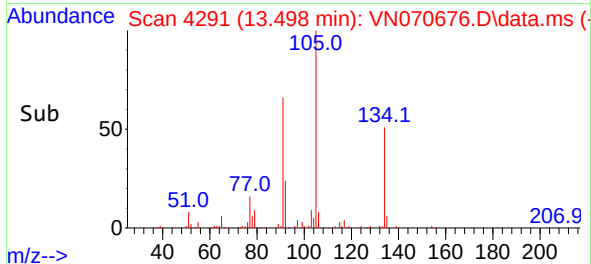
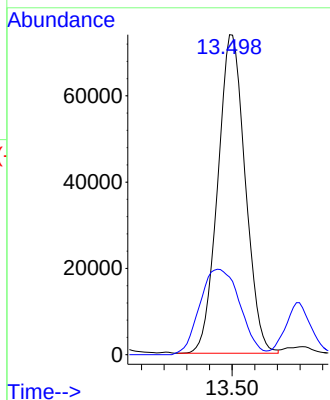
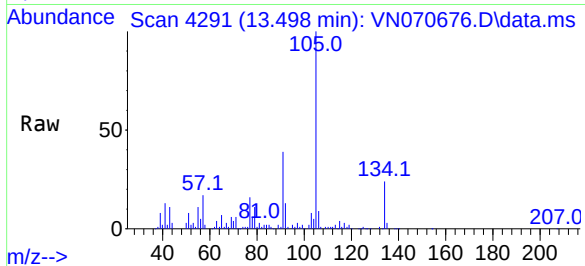




#85
 sec-Butylbenzene
 Concen: 2.113 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070676.D
 Acq: 18 Jan 2022 19:50

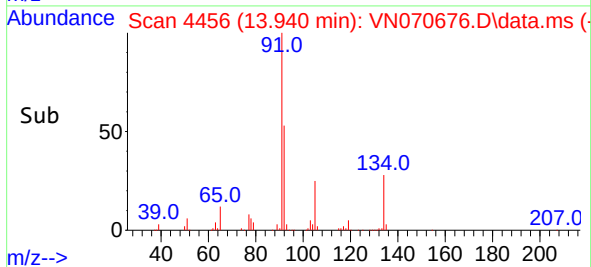
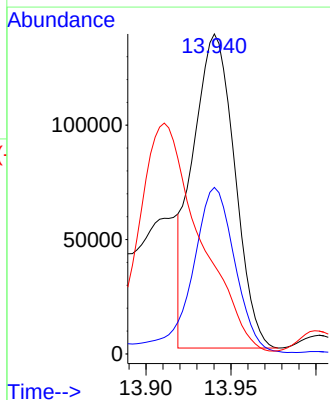
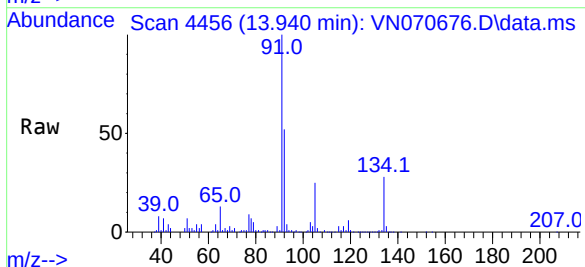
Instrument :
 MSVOA_N
 ClientSampleId :
 A3-8-5.5DL

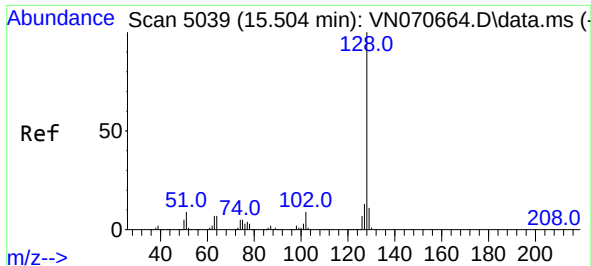
Tgt Ion:105 Resp: 124331
 Ion Ratio Lower Upper
 105 100
 134 39.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 6.161 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070676.D
 Acq: 18 Jan 2022 19:50

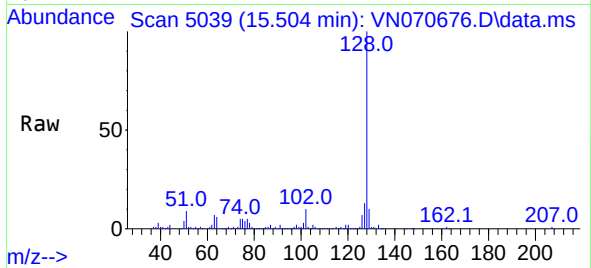
Tgt Ion: 91 Resp: 234874
 Ion Ratio Lower Upper
 91 100
 92 53.0 25.4 76.0
 134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 14.329 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070676.D
Acq: 18 Jan 2022 19:50

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL



Tgt Ion:128 Resp: 350760
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1

