

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070683.D
 Acq On : 18 Jan 2022 22:48
 Operator : JC/MD
 Sample : N1148-08DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-48DL

Quant Time: Jan 19 03:42:29 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

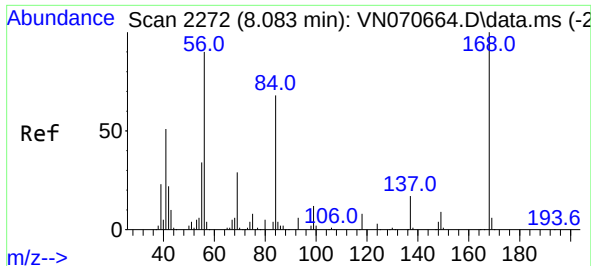
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1143731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1835772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1631848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	746881	45.565	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.140%
35) Dibromofluoromethane	8.021	113	524520	46.062	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.120%
50) Toluene-d8	10.440	98	2278605	47.499	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.731	95	742438	43.431	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.371	59	244387	82.640	ug/l #	84
16) Acetone	4.291	43	44998	3.955	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	855038	18.916	ug/l	91
25) 2-Butanone	7.345	43	29968	2.093	ug/l	95
40) Benzene	8.458	78	58211	0.980	ug/l	97
52) Toluene	10.505	92	81251	2.287	ug/l	99
67) Ethyl Benzene	11.843	91	125615	1.916	ug/l	98
68) m/p-Xylenes	11.948	106	81686	3.426	ug/l	94
69) o-Xylene	12.280	106	47749	2.018	ug/l	93
73) Isopropylbenzene	12.578	105	25006	0.450	ug/l	100
78) n-propylbenzene	12.918	91	35575	0.573	ug/l	98
80) 1,3,5-Trimethylbenzene	13.058	105	59132	1.316	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	126137	2.921	ug/l	97
95) Naphthalene	15.507	128	28746	5.799	ug/l	98

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

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QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

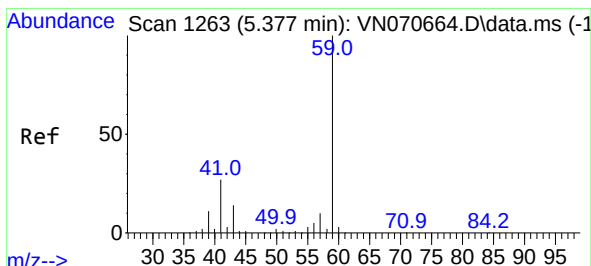
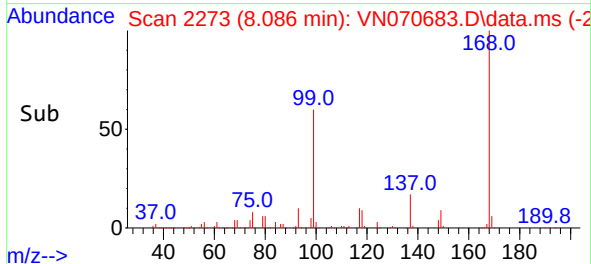
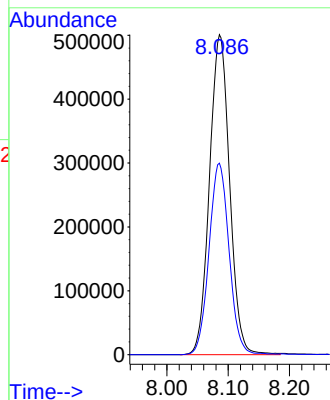
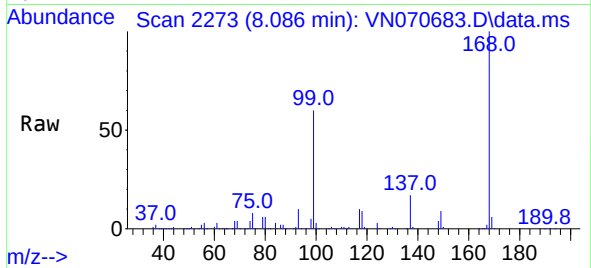




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

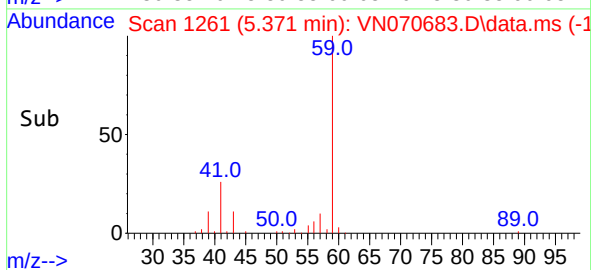
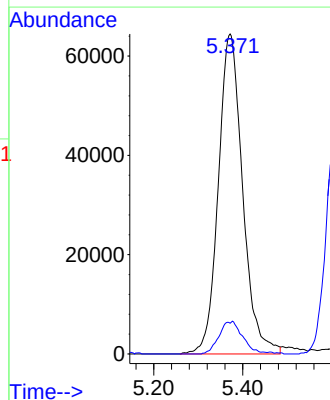
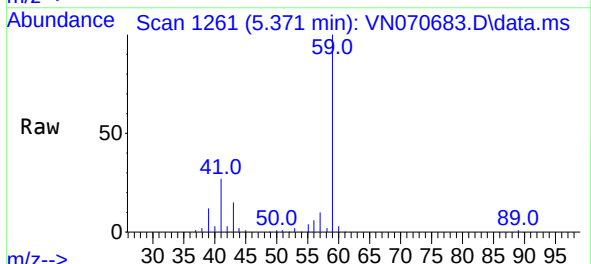
Instrument :
MSVOA_N
ClientSampleId :
MW-48DL

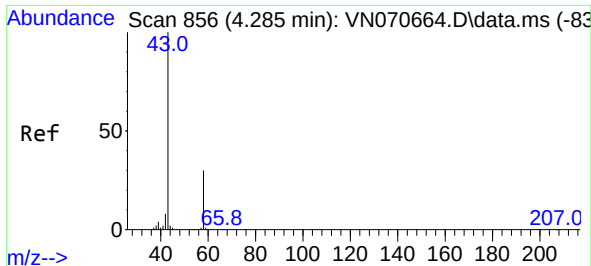
Tgt Ion:168 Resp: 1143731
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#11
Tert butyl alcohol
Concen: 82.640 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 59 Resp: 244387
Ion Ratio Lower Upper
59 100
57 4.8 8.7 13.1#

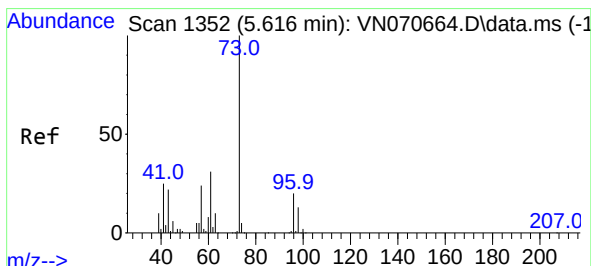
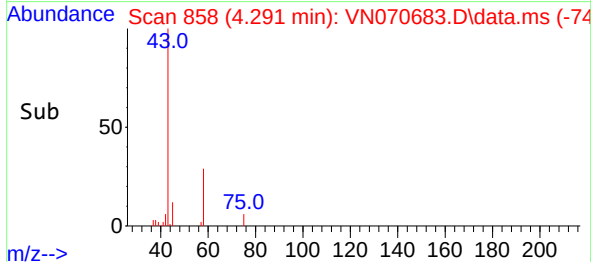
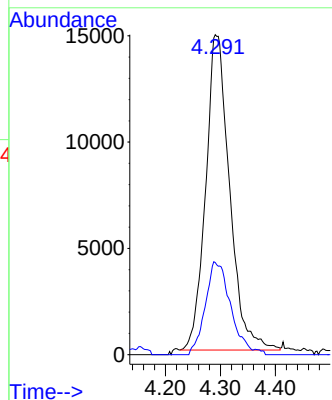
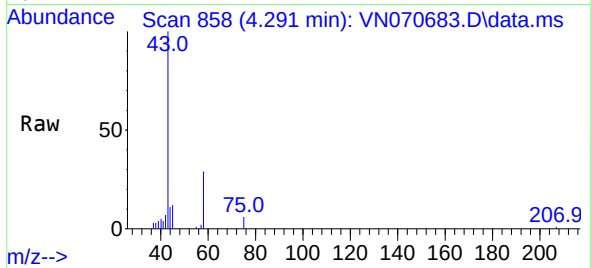




#16
Acetone
Concen: 3.955 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

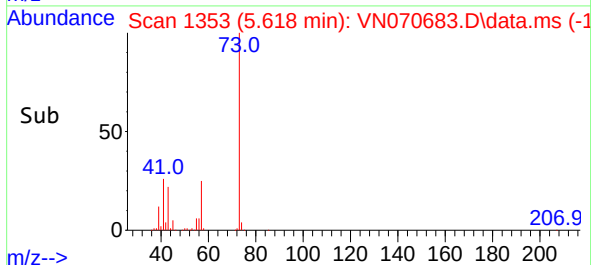
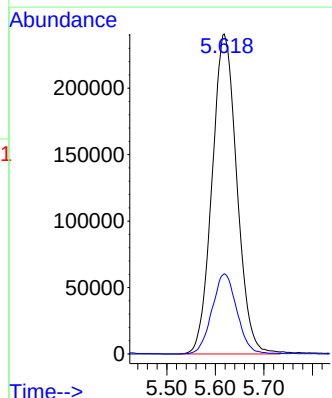
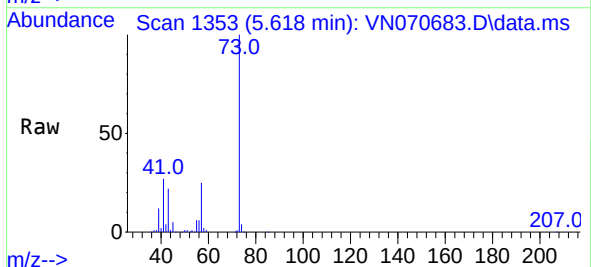
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ClientSampleId :
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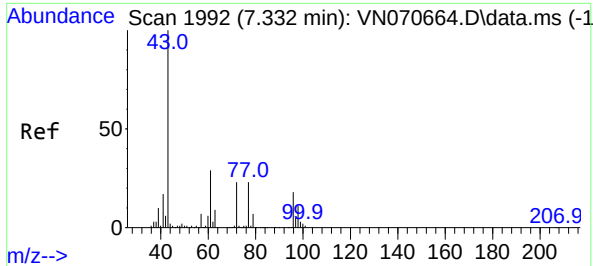
Tgt Ion: 43 Resp: 44998
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 18.916 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.002 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 73 Resp: 855038
Ion Ratio Lower Upper
73 100
57 25.0 16.8 25.2

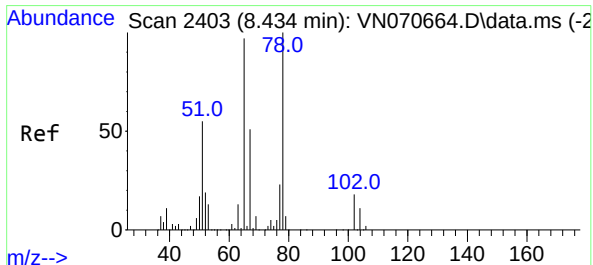
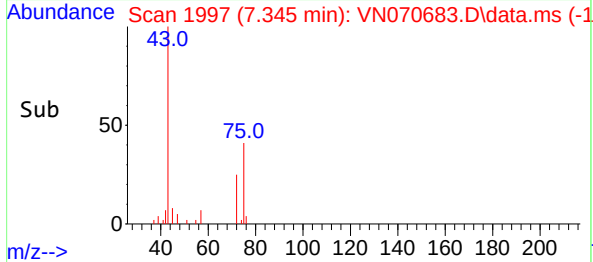
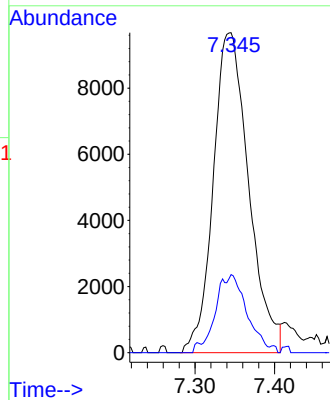
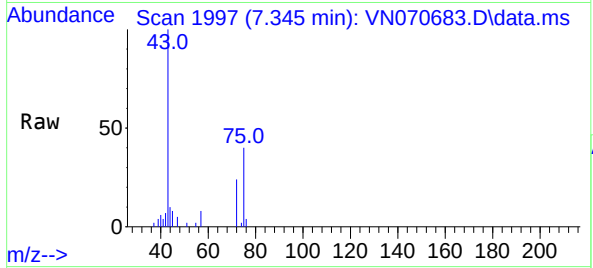




#25
2-Butanone
Concen: 2.093 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

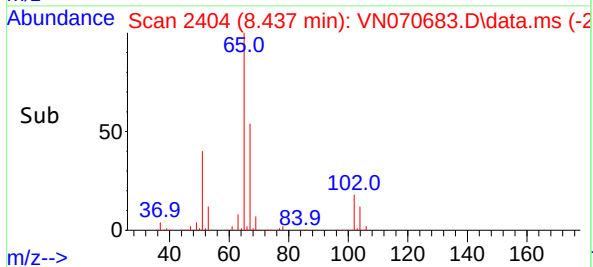
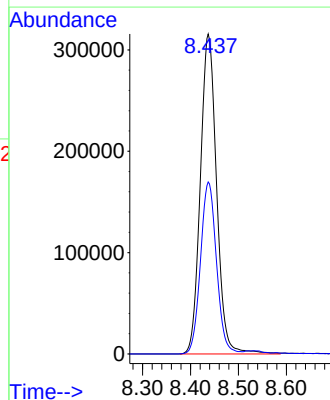
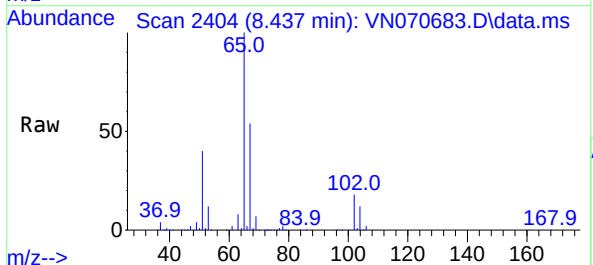
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ClientSampleId :
MW-48DL

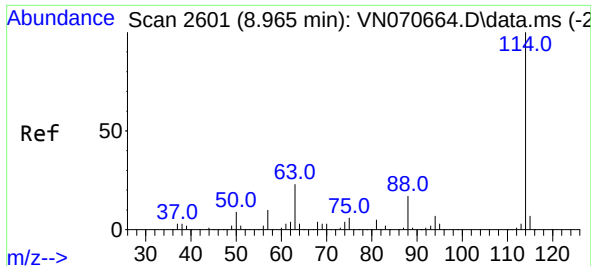
Tgt Ion: 43 Resp: 29968
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 45.565 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 65 Resp: 746881
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

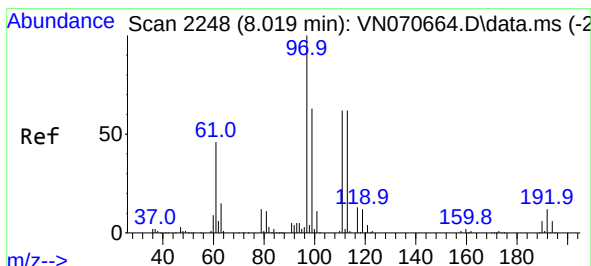
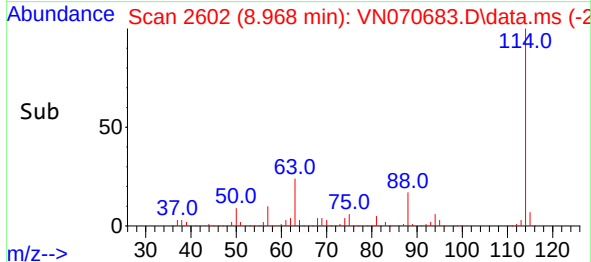
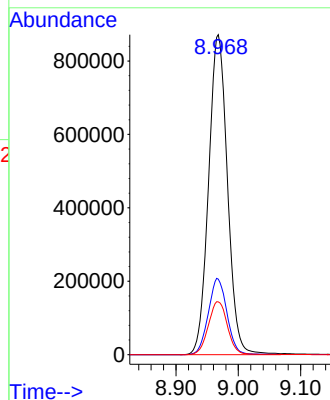
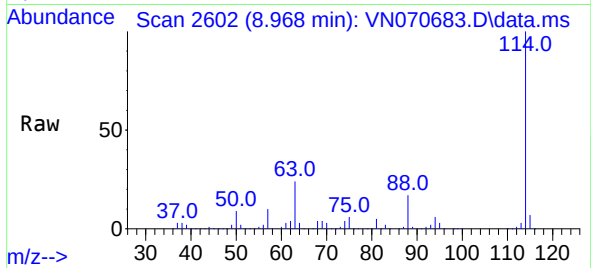




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

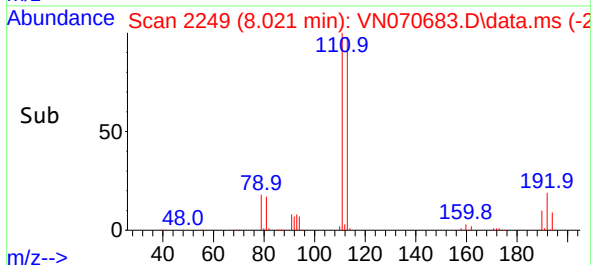
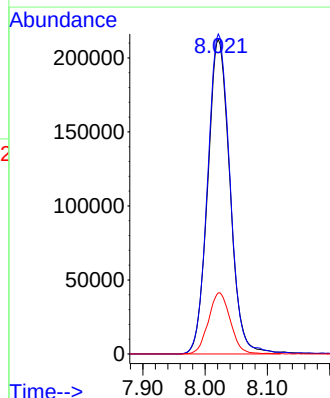
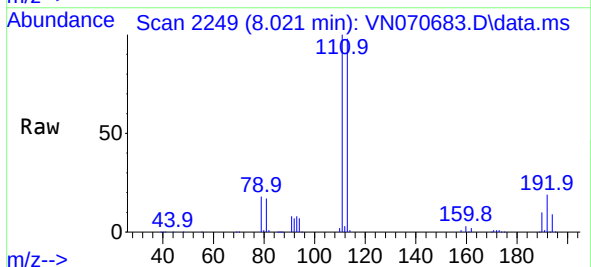
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MW-48DL

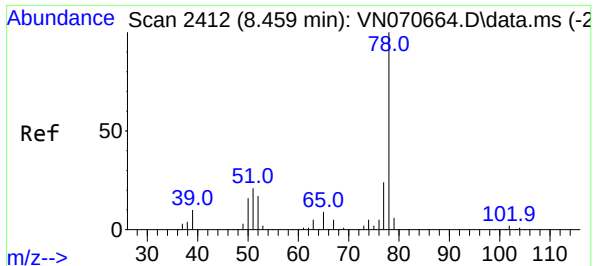
Tgt Ion:114 Resp: 1835772
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.062 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion:113 Resp: 524520
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.3 16.9 25.3

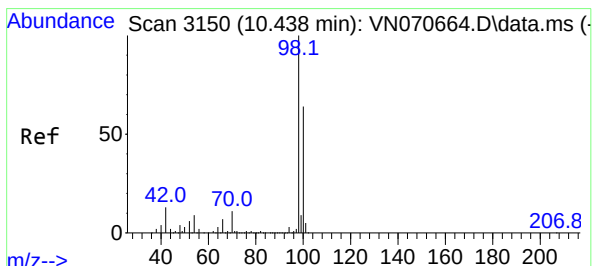
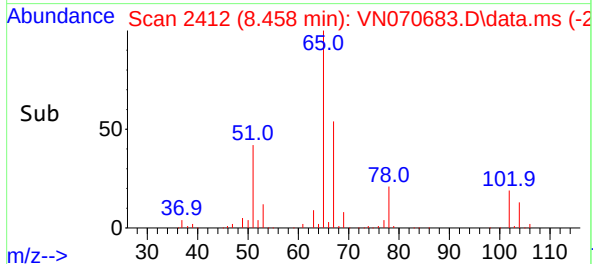
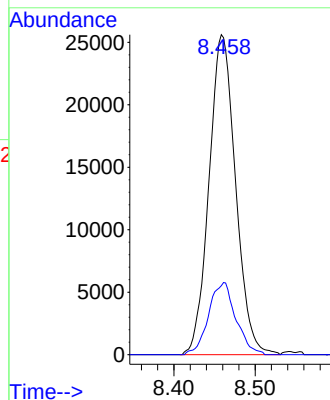
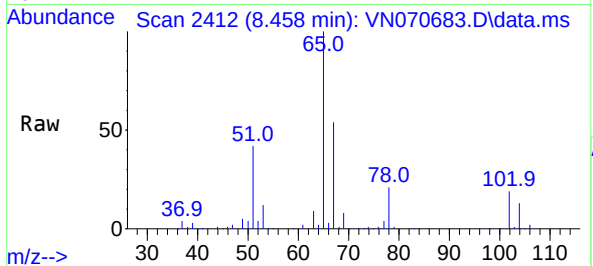




#40
Benzene
Concen: 0.980 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

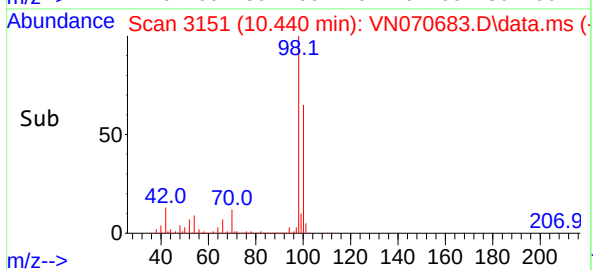
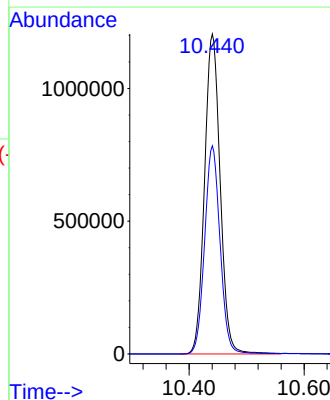
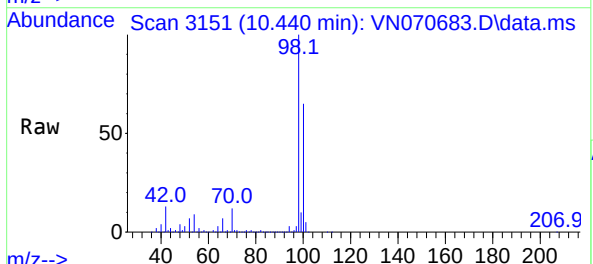
Instrument :
MSVOA_N
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MW-48DL

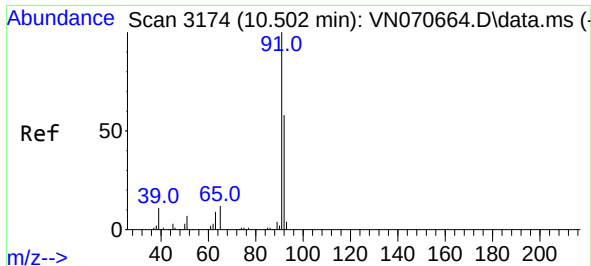
Tgt Ion: 78 Resp: 58211
Ion Ratio Lower Upper
78 100
77 21.6 18.6 27.8



#50
Toluene-d8
Concen: 47.499 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 98 Resp: 2278605
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

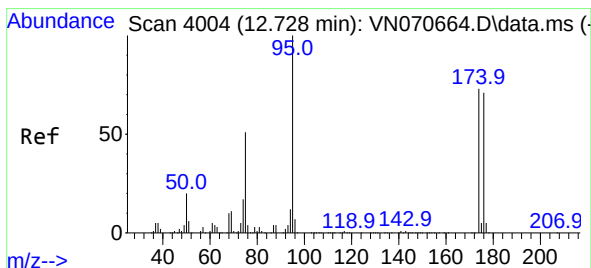
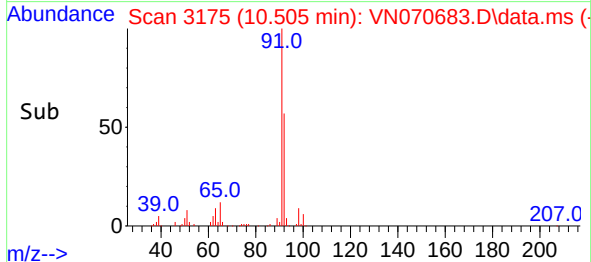
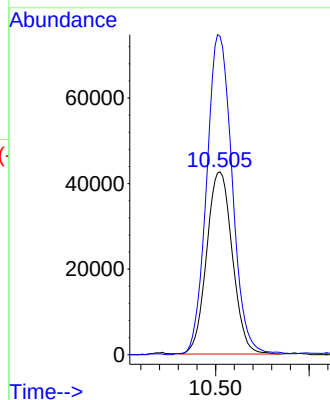
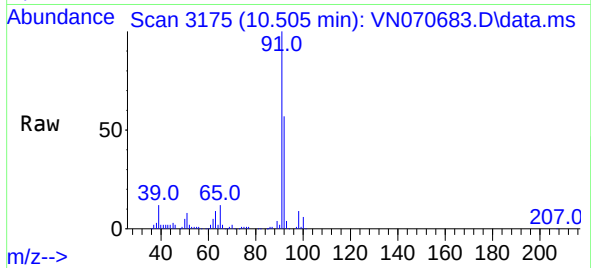




#52
Toluene
Concen: 2.287 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

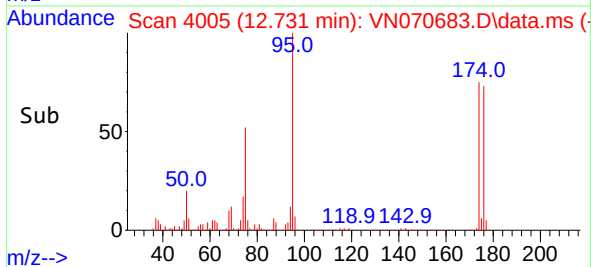
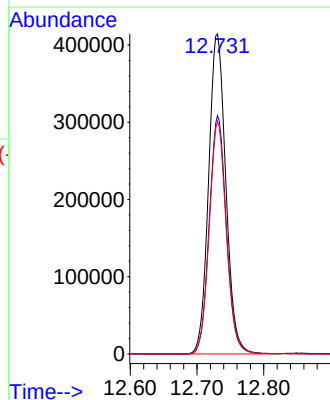
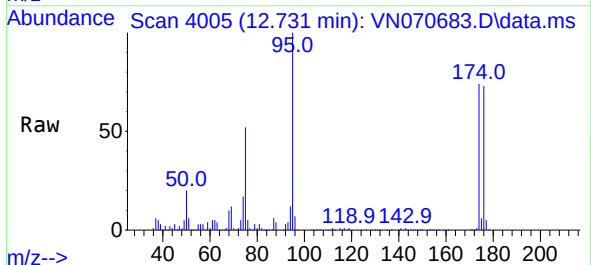
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MW-48DL

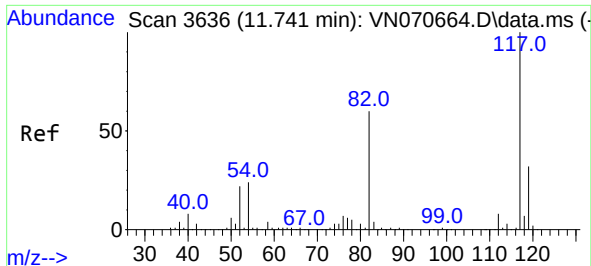
Tgt Ion: 92 Resp: 81251
Ion Ratio Lower Upper
92 100
91 175.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 43.431 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 95 Resp: 742438
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.8 0.0 181.4

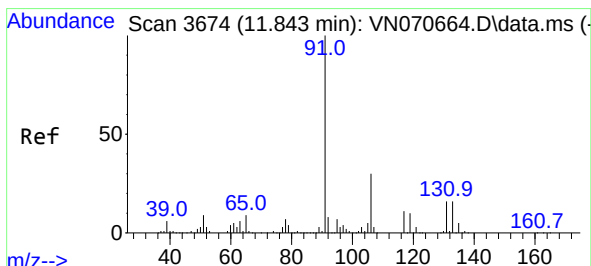
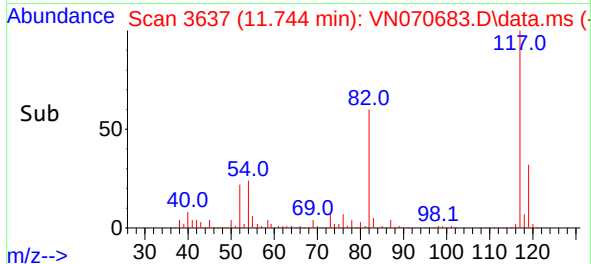
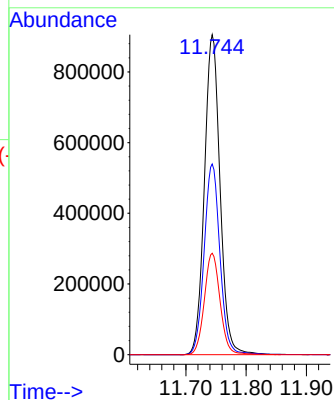
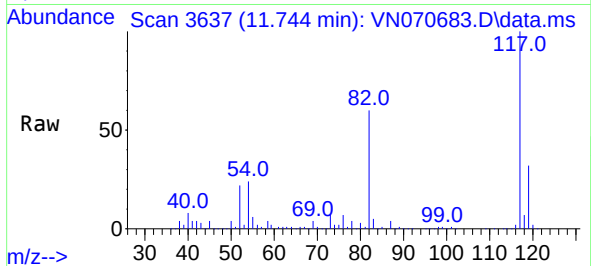




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

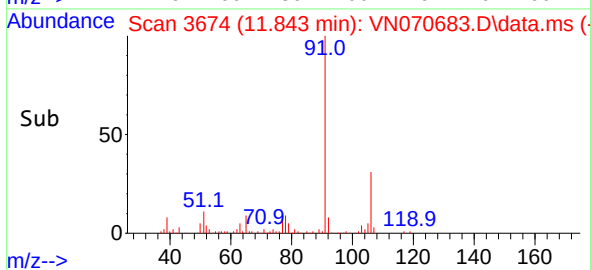
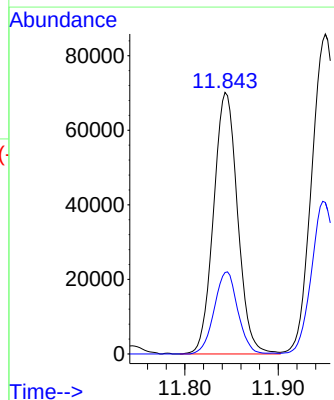
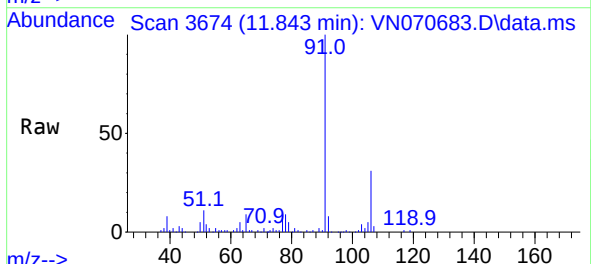
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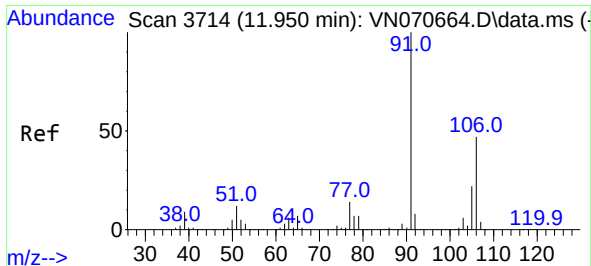
Tgt Ion:117 Resp: 1631848
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.7 25.4 38.2



#67
Ethyl Benzene
Concen: 1.916 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 91 Resp: 125615
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

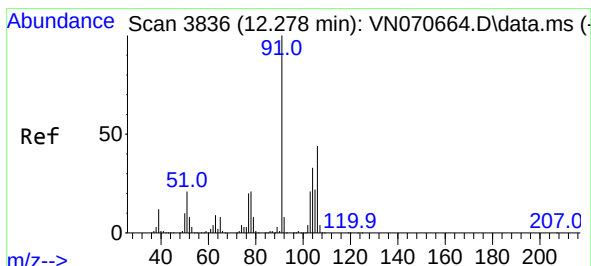
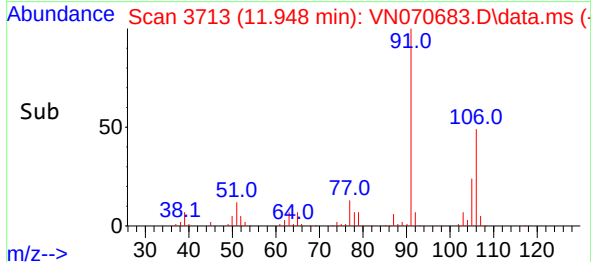
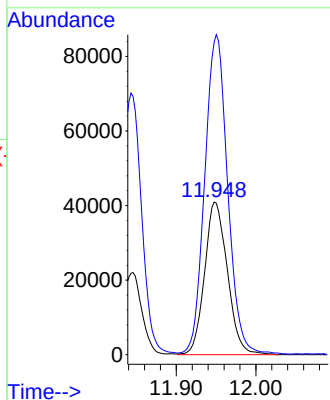
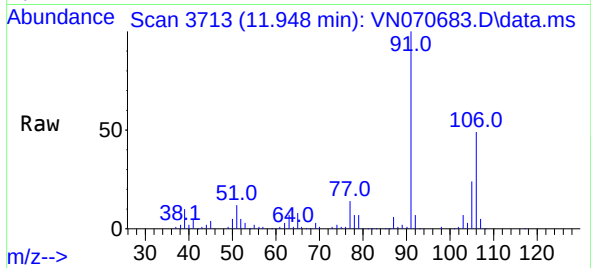




#68
m/p-Xylenes
Concen: 3.426 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

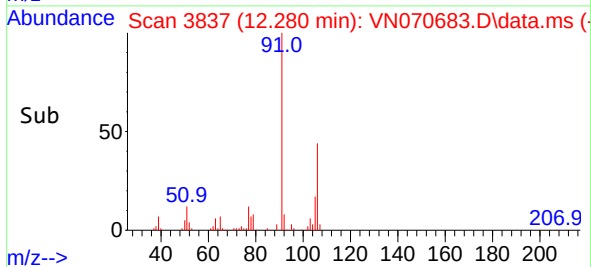
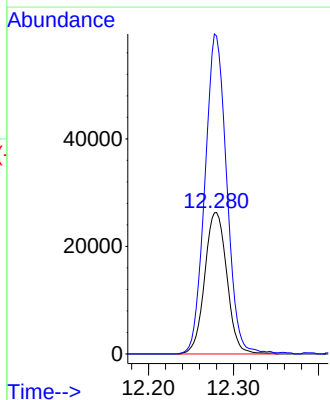
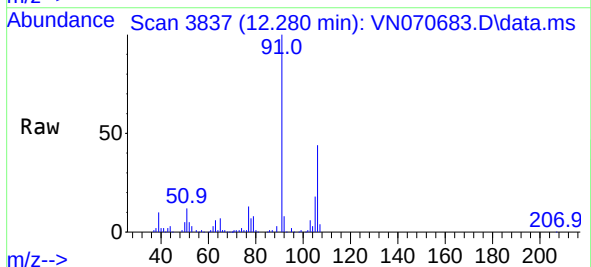
Instrument :
MSVOA_N
ClientSampleId :
MW-48DL

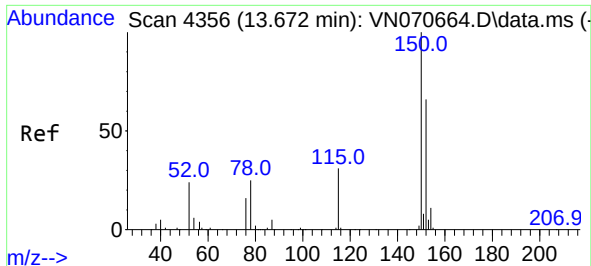
Tgt Ion:106 Resp: 81686
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8



#69
o-Xylene
Concen: 2.018 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion:106 Resp: 47749
Ion Ratio Lower Upper
106 100
91 222.0 105.8 317.3

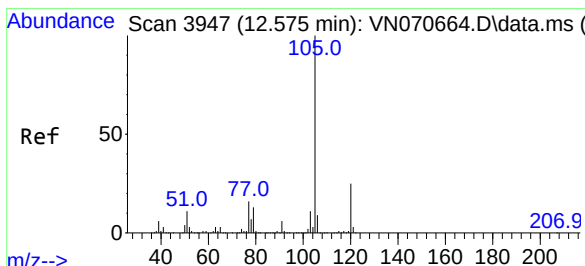
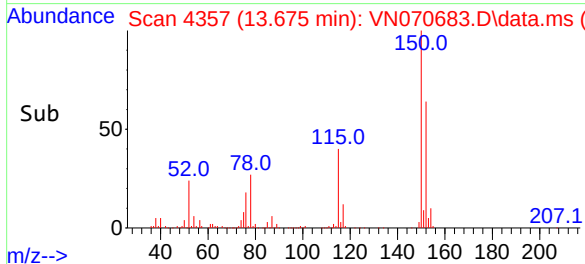
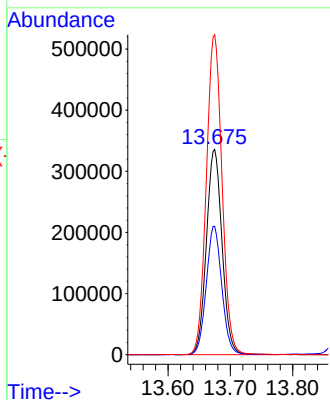
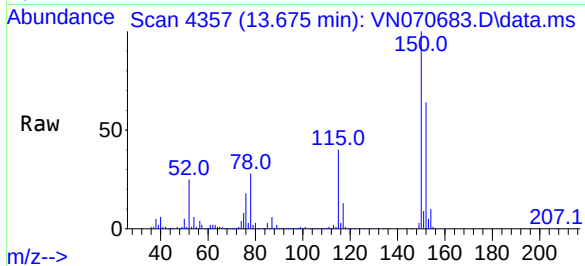




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

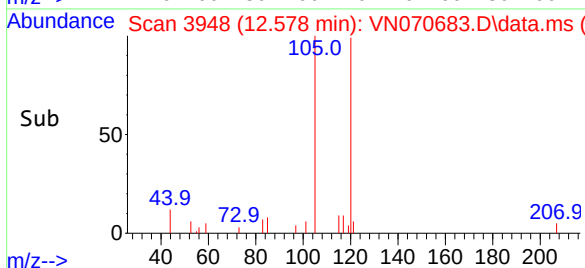
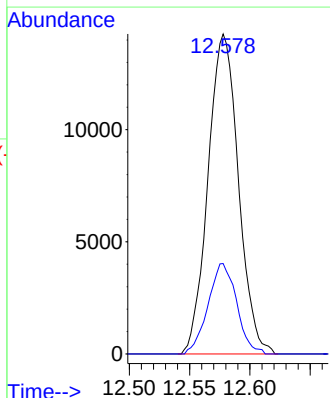
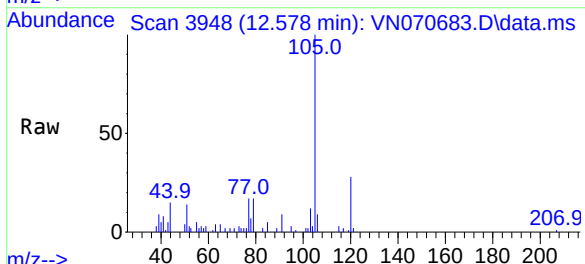
Instrument :
MSVOA_N
ClientSampleId :
MW-48DL

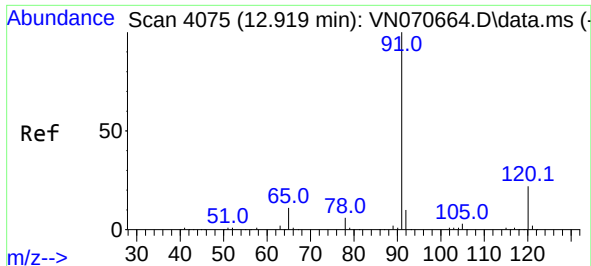
Tgt Ion:152 Resp: 587282
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 156.2 0.0 344.4



#73
Isopropylbenzene
Concen: 0.450 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion:105 Resp: 25006
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

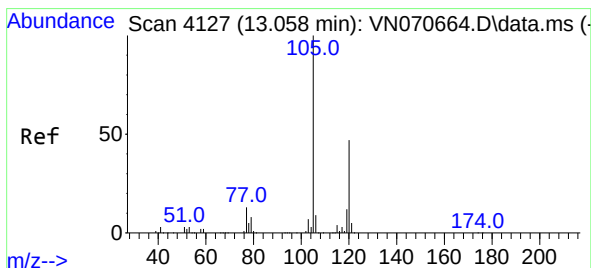
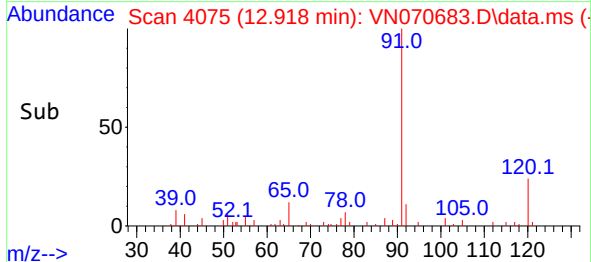
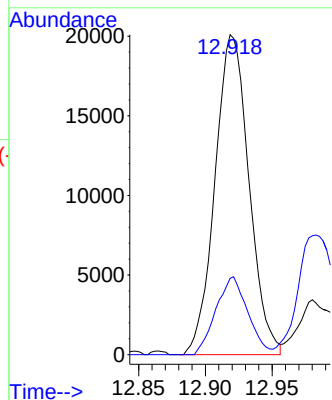
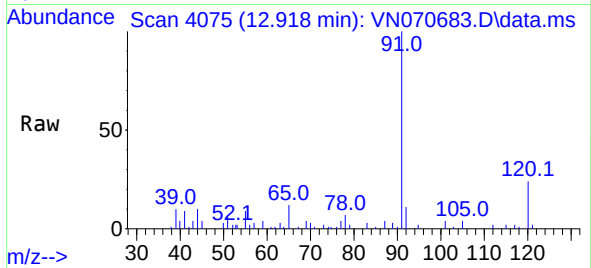




#78
n-propylbenzene
Concen: 0.573 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

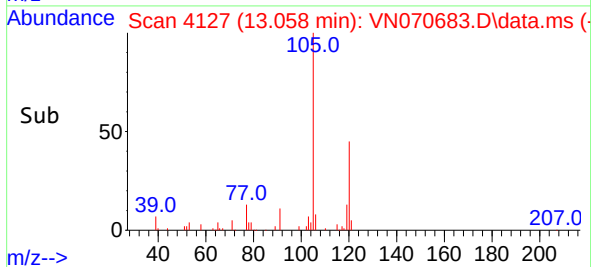
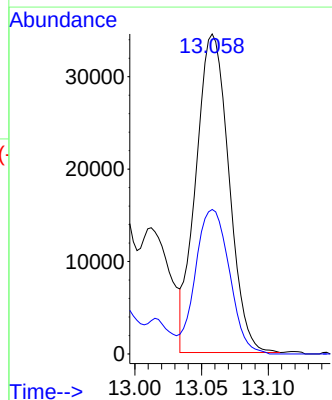
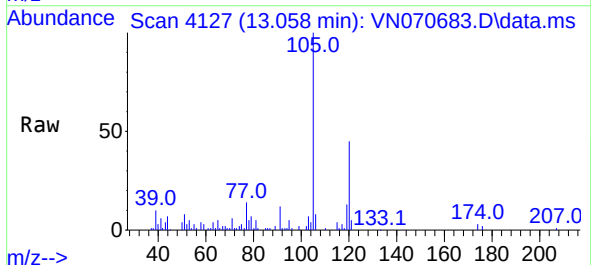
Instrument :
MSVOA_N
ClientSampleId :
MW-48DL

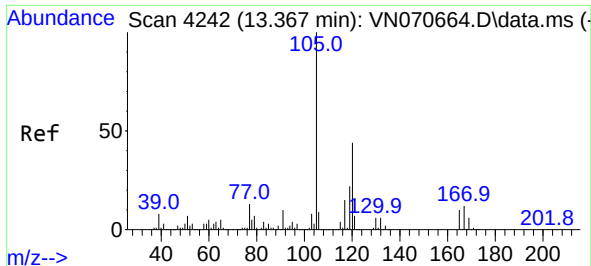
Tgt Ion: 91 Resp: 35575
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 1.316 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion: 105 Resp: 59132
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6

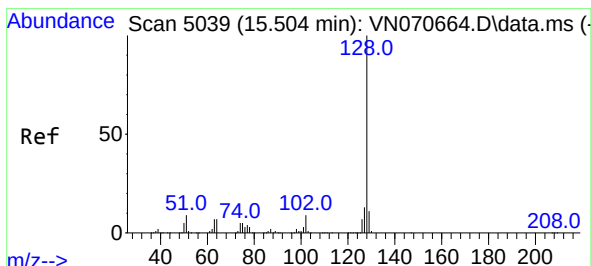
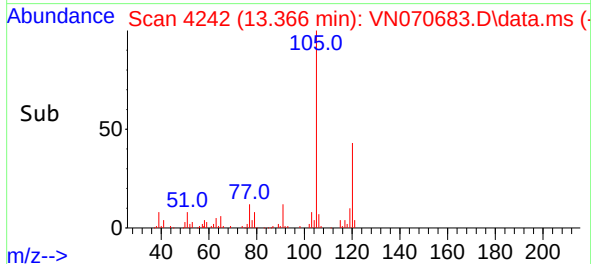
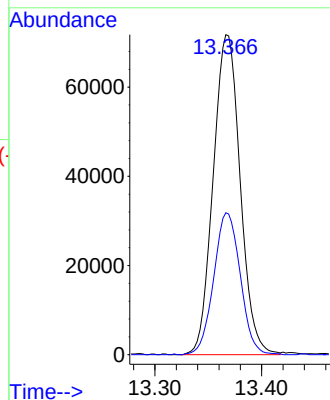
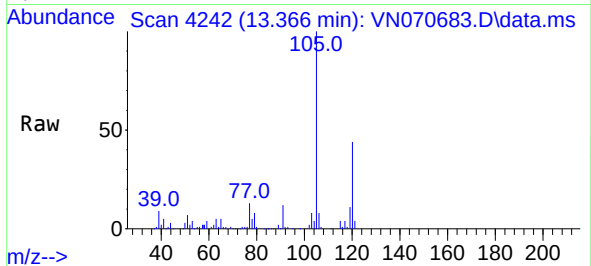




#84
1,2,4-Trimethylbenzene
Concen: 2.921 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Instrument :
MSVOA_N
ClientSampleId :
MW-48DL

Tgt Ion:105 Resp: 126137
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4



#95
Naphthalene
Concen: 5.799 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070683.D
Acq: 18 Jan 2022 22:48

Tgt Ion:128 Resp: 28746
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 10.5 8.7 13.1

