

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070804.D
 Acq On : 27 Jan 2022 14:24
 Operator : JC/MD
 Sample : N1278-04DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

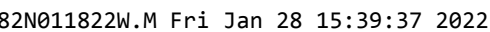
Quant Time: Jan 28 00:36:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

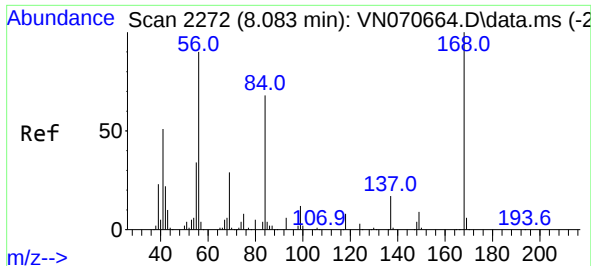
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	819347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1289384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1132940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	444446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	554028	47.181	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.360%		
35) Dibromofluoromethane	8.021	113	373163	46.657	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.320%		
50) Toluene-d8	10.438	98	1595794	47.362	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.728	95	547081	45.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.140%		
Target Compounds					Qvalue	
31) Cyclohexane	8.094	56	347487	16.805	ug/l	89
39) Methylcyclohexane	9.456	83	334953	20.151	ug/l	88
40) Benzene	8.458	78	1503828	36.045	ug/l	99
52) Toluene	10.502	92	73622	2.950	ug/l	96
67) Ethyl Benzene	11.843	91	270631	5.947	ug/l	95
68) m/p-Xylenes	11.950	106	369385	22.312	ug/l	88
69) o-Xylene	12.277	106	8369	0.509	ug/l	78
73) Isopropylbenzene	12.575	105	75677	1.800	ug/l	95
78) n-propylbenzene	12.918	91	91486	1.946	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	110768	3.258	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	340487	10.418	ug/l	97
85) sec-Butylbenzene	13.498	105	27111	0.674	ug/l	84
89) n-Butylbenzene	13.938	91	24677m	0.946	ug/l	
95) Naphthalene	15.504	128	85892	8.307	ug/l	98

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

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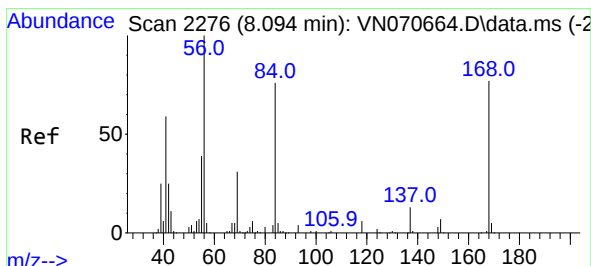
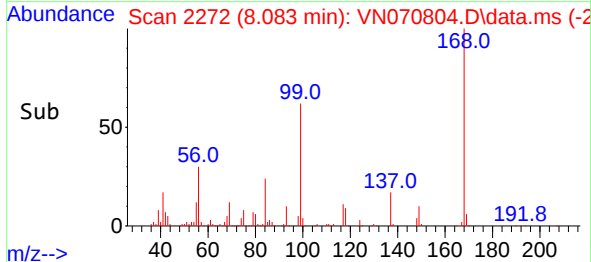
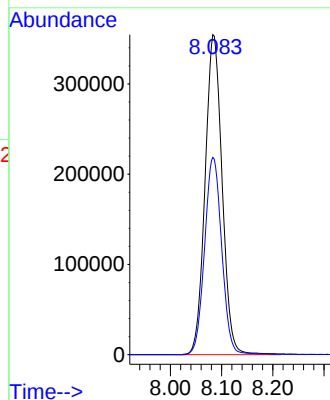
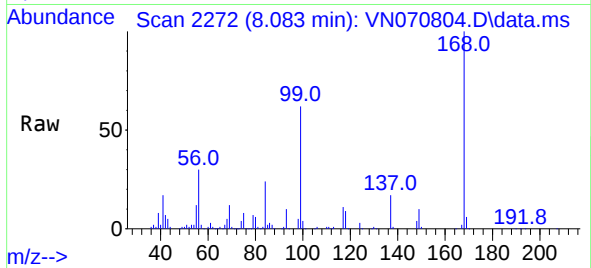




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

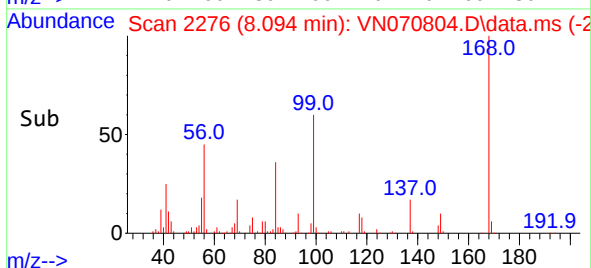
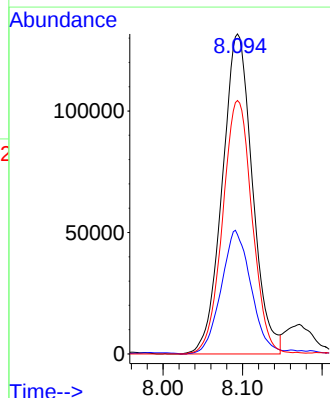
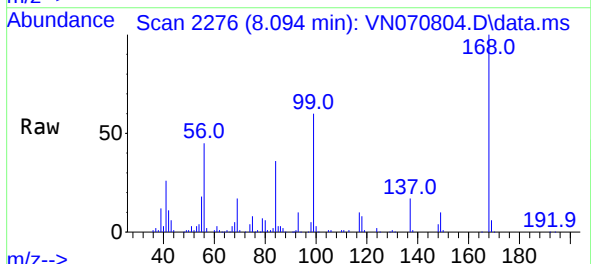
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ClientSampleId :
MW-3DL

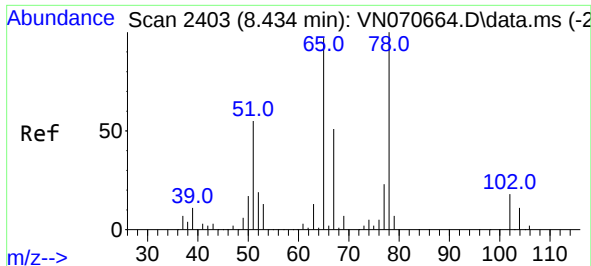
Tgt Ion:168 Resp: 819347
Ion Ratio Lower Upper
168 100
99 61.7 41.3 61.9



#31
Cyclohexane
Concen: 16.805 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 56 Resp: 347487
Ion Ratio Lower Upper
56 100
69 37.3 27.1 40.7
84 79.2 73.4 110.0

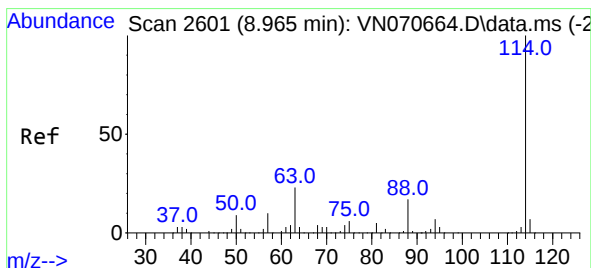
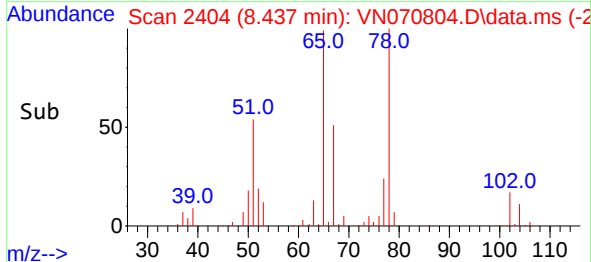
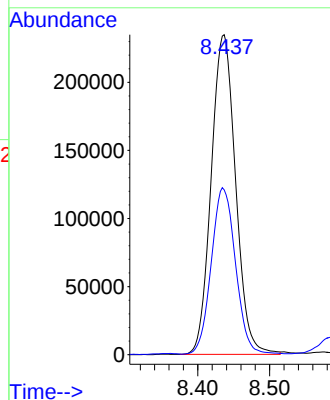
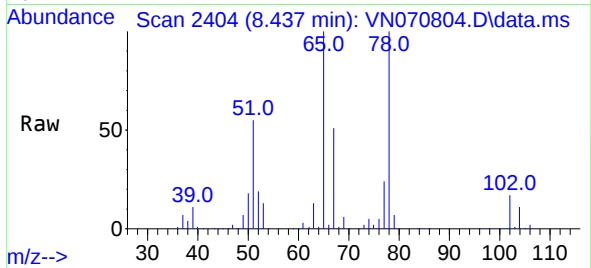




#33
1,2-Dichloroethane-d4
Concen: 47.181 ug/l
RT: 8.437 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

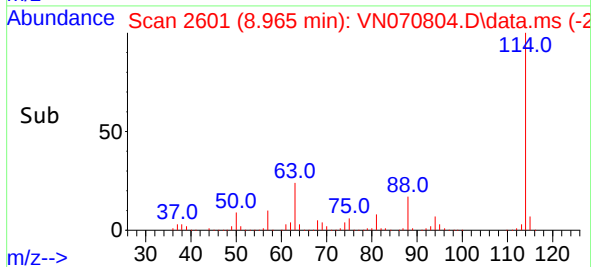
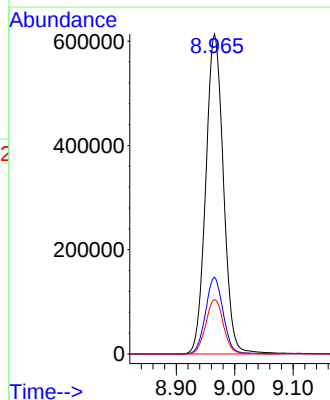
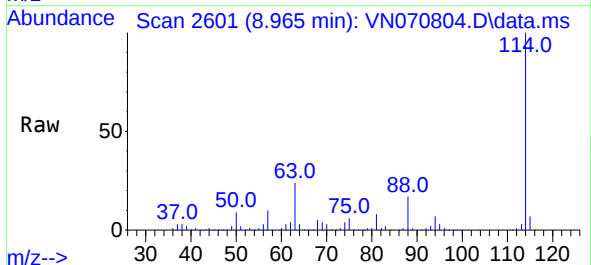
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MW-3DL

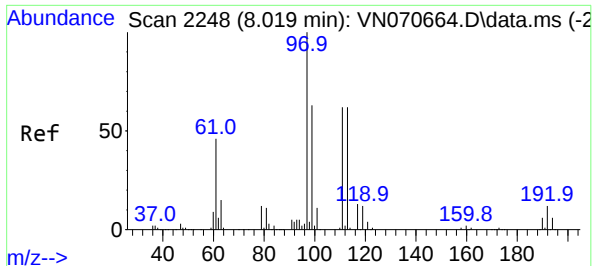
Tgt Ion: 65 Resp: 554028
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 114 Resp: 1289384
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.9 0.0 27.4

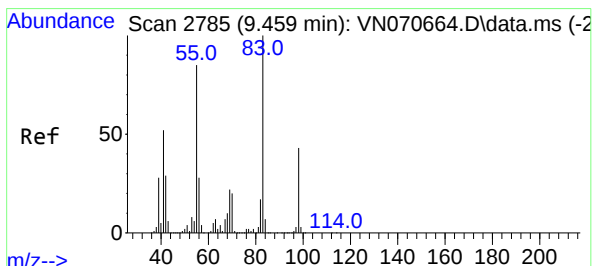
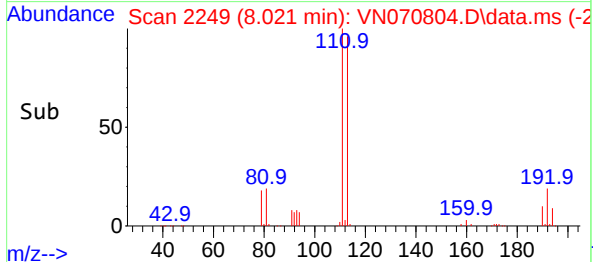
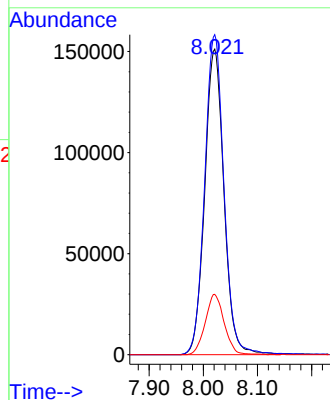
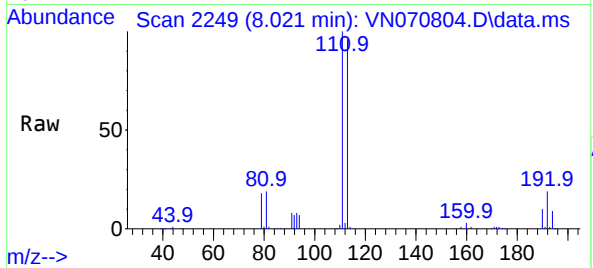




#35
Dibromofluoromethane
Concen: 46.657 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

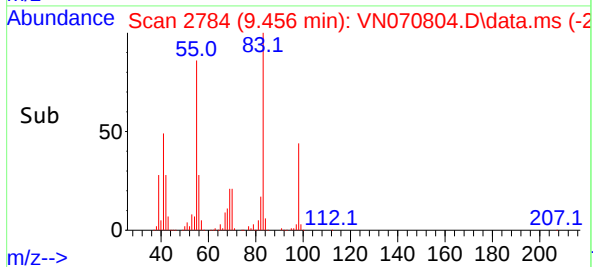
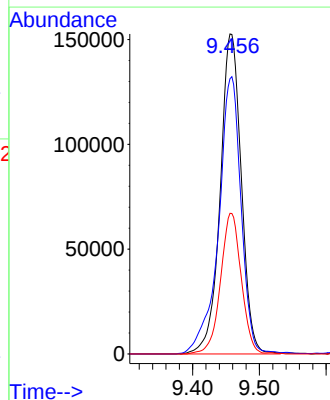
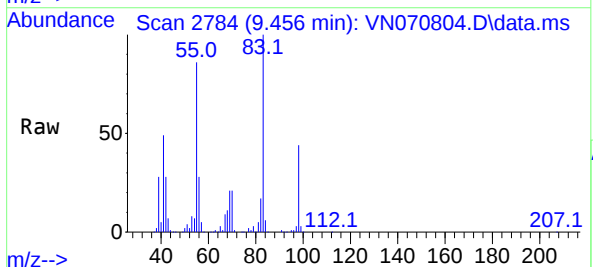
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MW-3DL

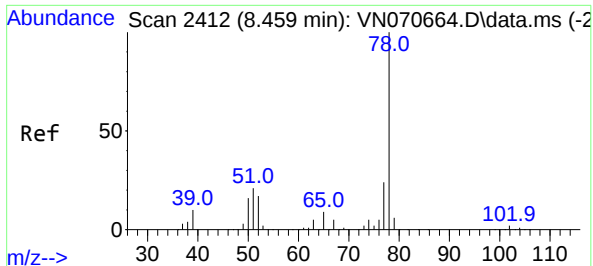
Tgt Ion:113 Resp: 373163
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 19.3 16.9 25.3



#39
Methylcyclohexane
Concen: 20.151 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 83 Resp: 334953
Ion Ratio Lower Upper
83 100
55 85.8 58.1 87.1
98 43.9 38.4 57.6

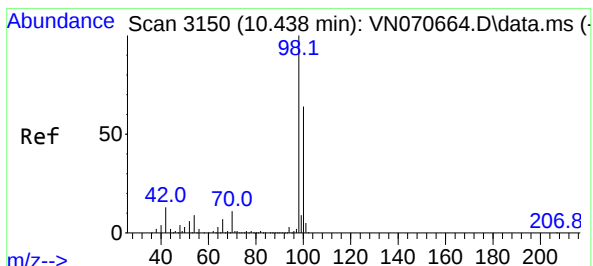
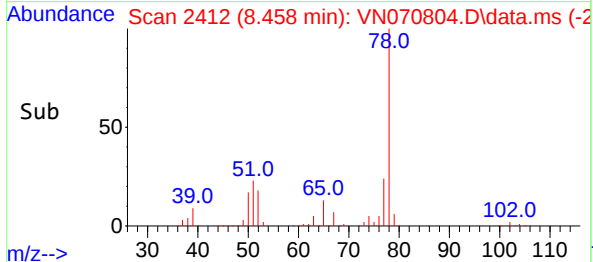
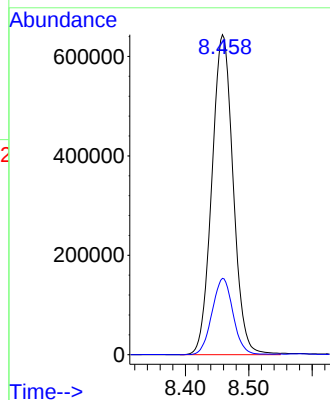
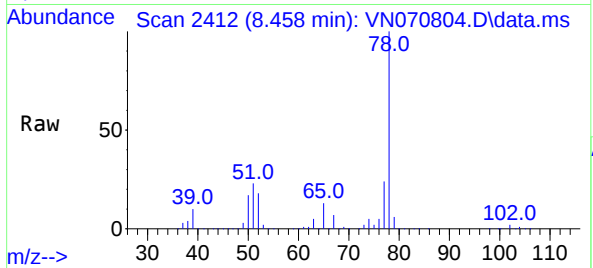




#40
Benzene
Concen: 36.045 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

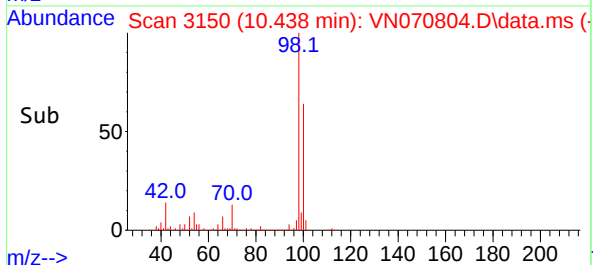
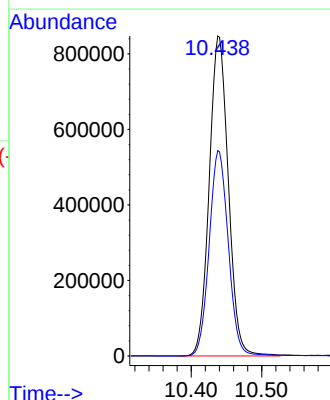
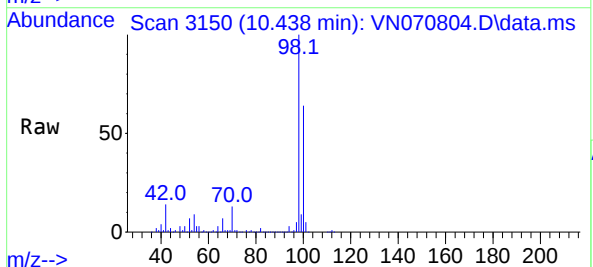
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MW-3DL

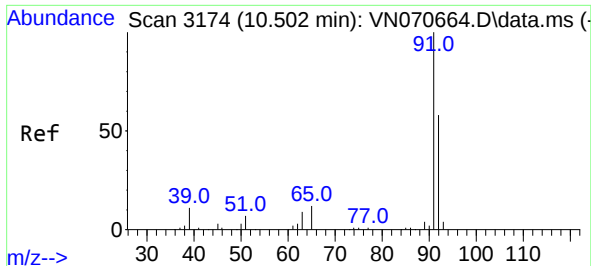
Tgt Ion: 78 Resp: 1503828
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8



#50
Toluene-d8
Concen: 47.362 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 98 Resp: 1595794
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

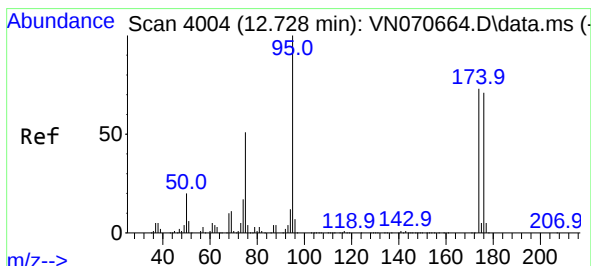
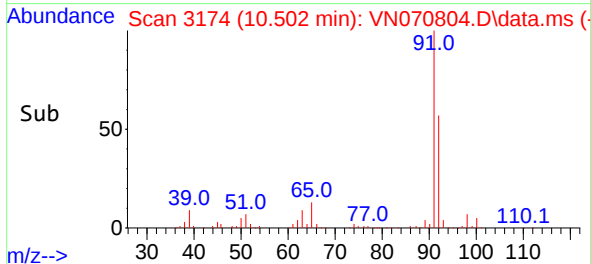
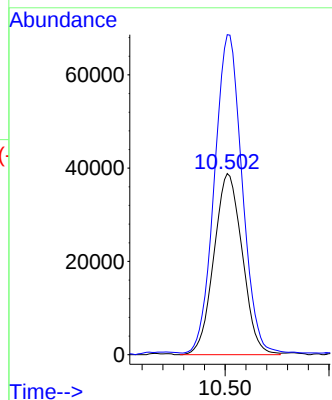
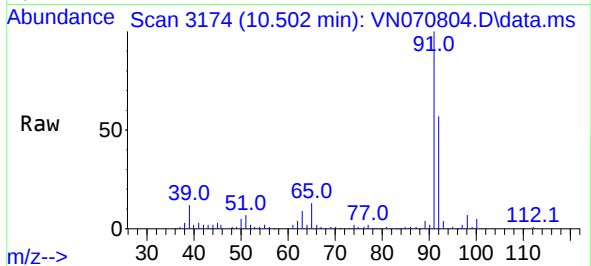




#52
Toluene
Concen: 2.950 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

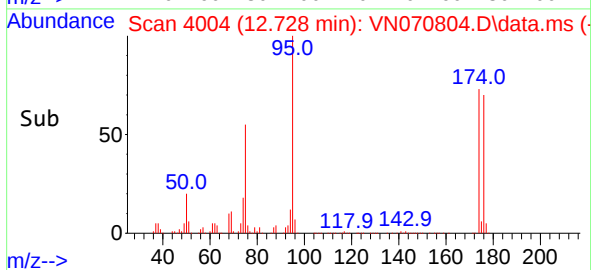
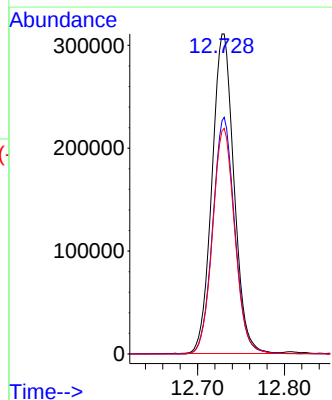
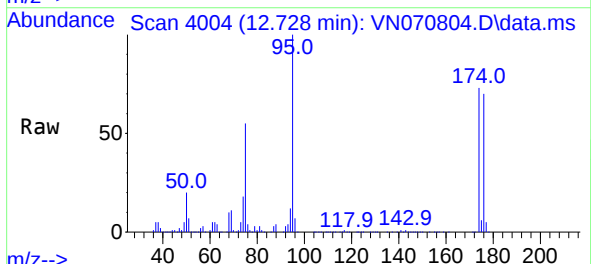
Instrument :
MSVOA_N
ClientSampleId :
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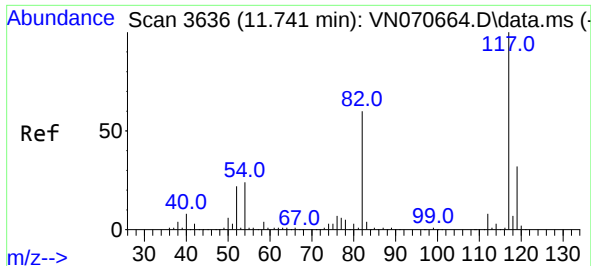
Tgt Ion: 92 Resp: 73622
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 45.565 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 95 Resp: 547081
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.3 0.0 181.4

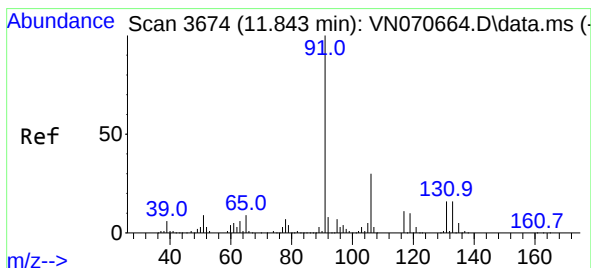
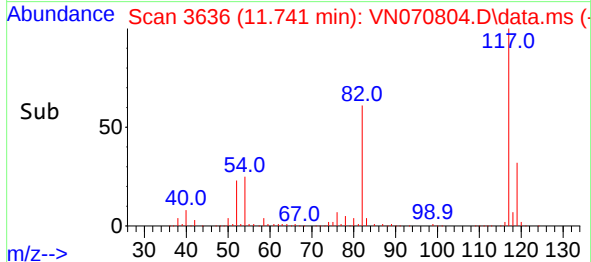
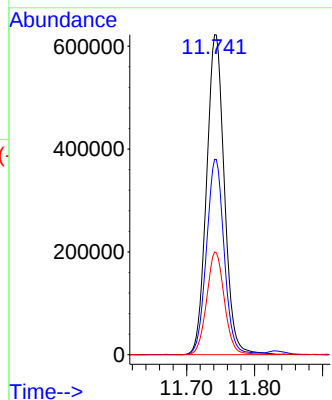
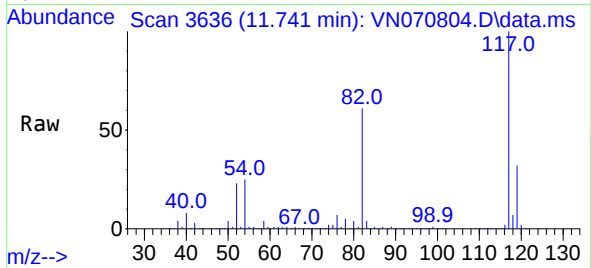




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

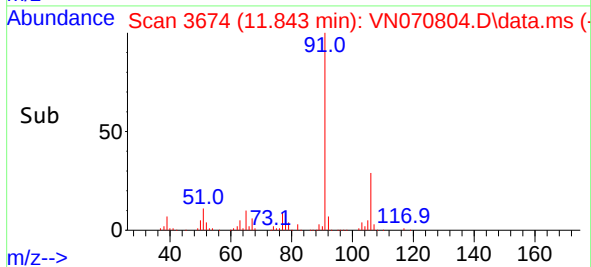
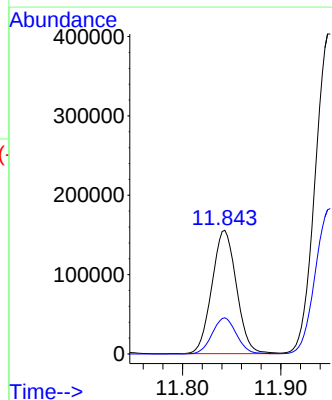
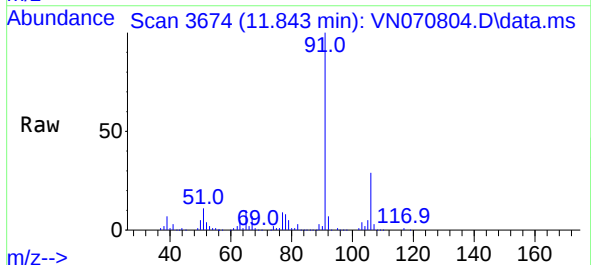
Instrument :
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MW-3DL

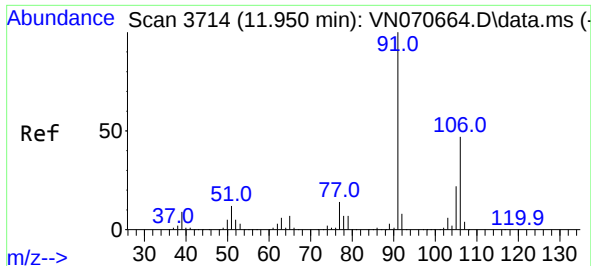
Tgt Ion:117 Resp: 1132940
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 5.947 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 91 Resp: 270631
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

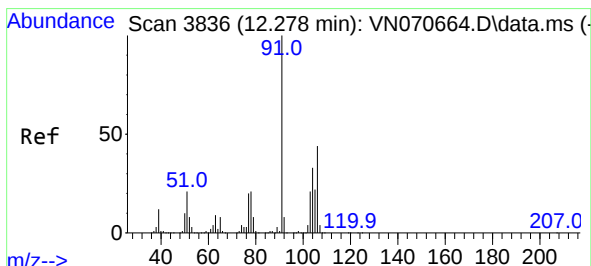
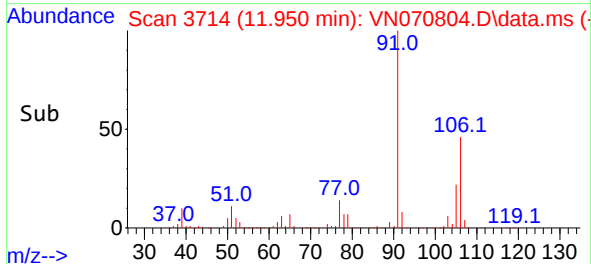
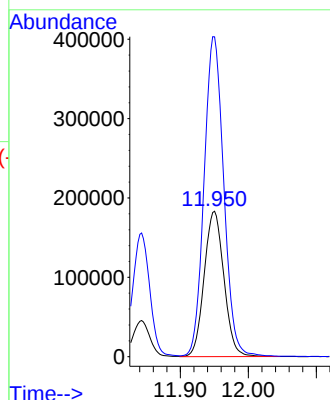
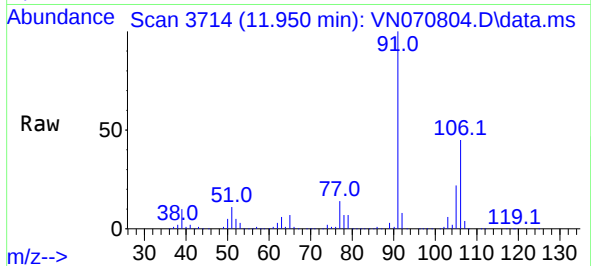




#68
m/p-Xylenes
Concen: 22.312 ug/l
RT: 11.950 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

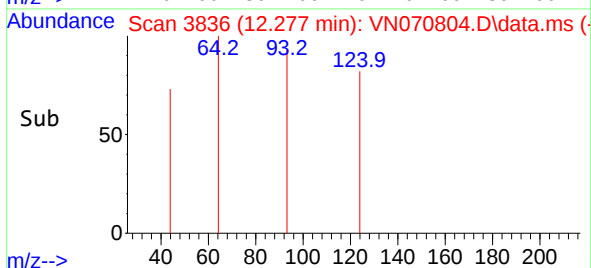
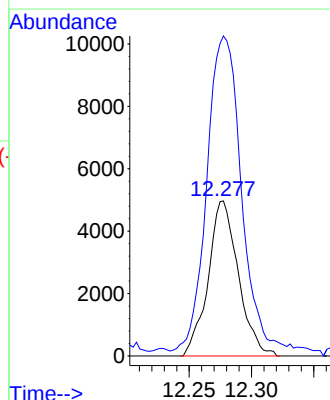
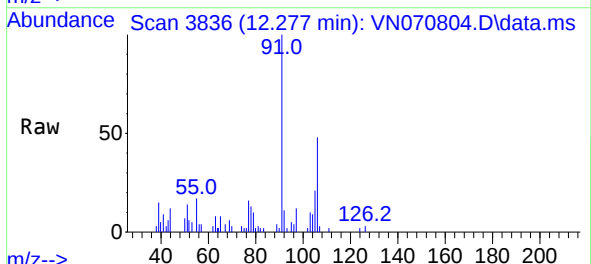
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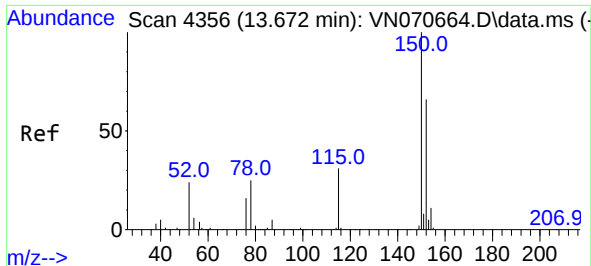
Tgt Ion:106 Resp: 369385
Ion Ratio Lower Upper
106 100
91 219.0 160.6 240.8



#69
o-Xylene
Concen: 0.509 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion:106 Resp: 8369
Ion Ratio Lower Upper
106 100
91 245.5 105.8 317.3

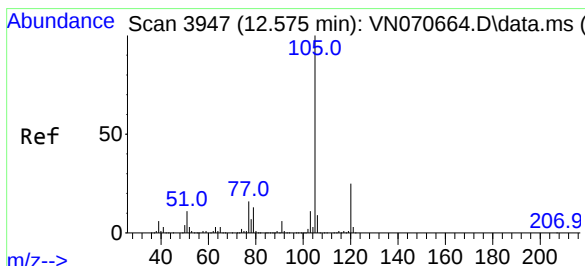
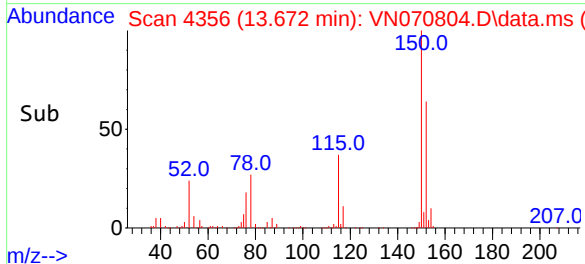
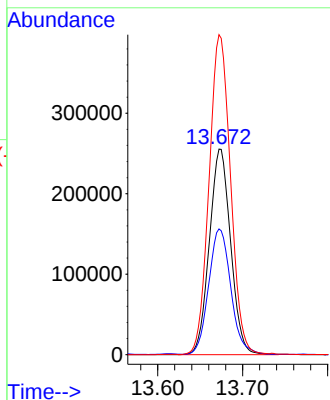
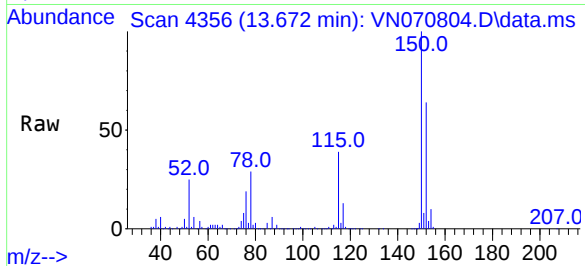




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

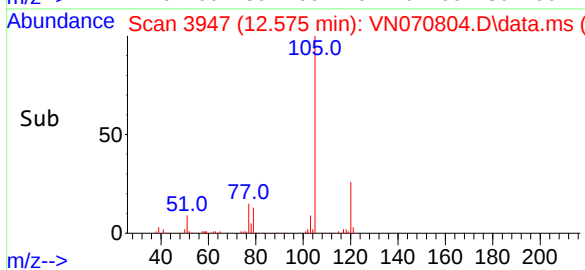
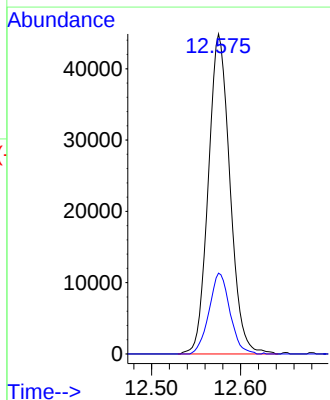
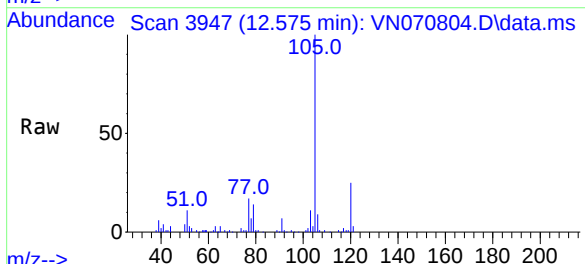
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

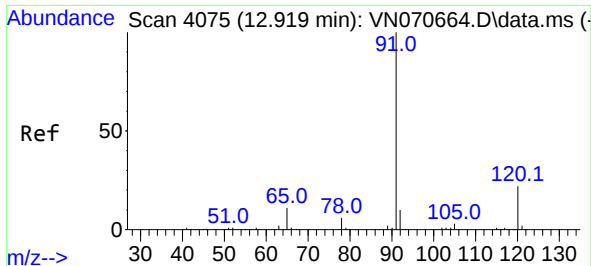
Tgt Ion:152 Resp: 444446
Ion Ratio Lower Upper
152 100
115 63.6 27.5 82.5
150 156.6 0.0 344.4



#73
Isopropylbenzene
Concen: 1.800 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion:105 Resp: 75677
Ion Ratio Lower Upper
105 100
120 24.3 13.4 40.1

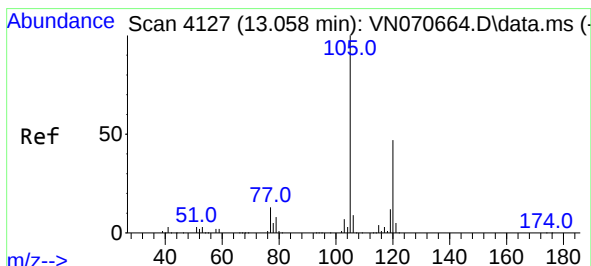
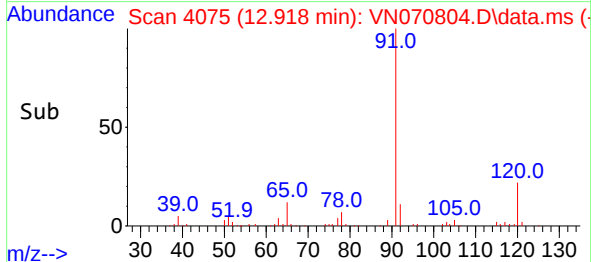
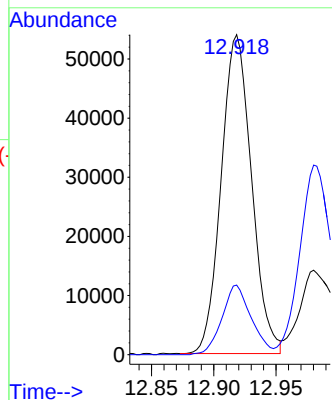
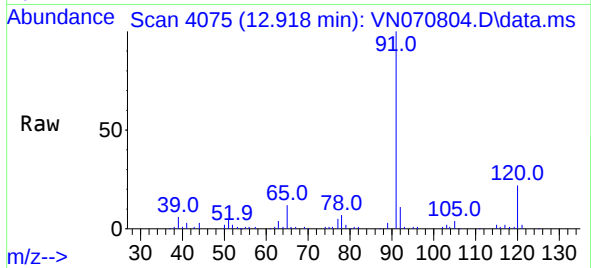




#78
n-propylbenzene
Concen: 1.946 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

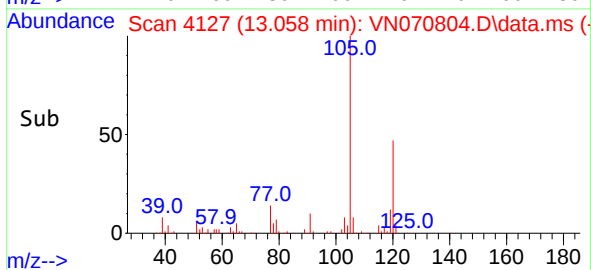
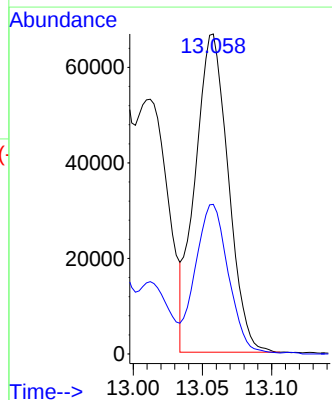
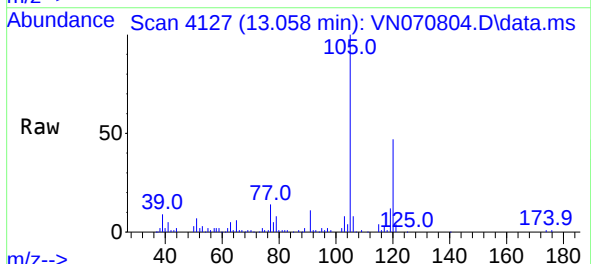
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

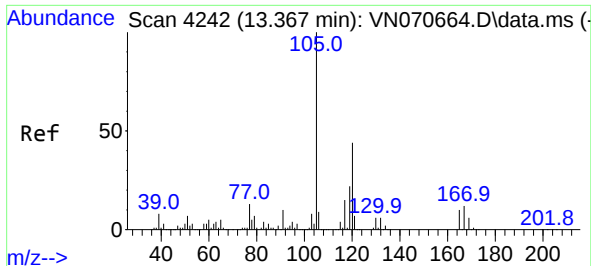
Tgt Ion: 91 Resp: 91486
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 3.258 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 105 Resp: 110768
Ion Ratio Lower Upper
105 100
120 46.3 24.6 73.6

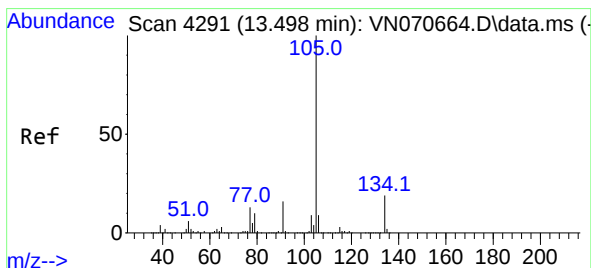
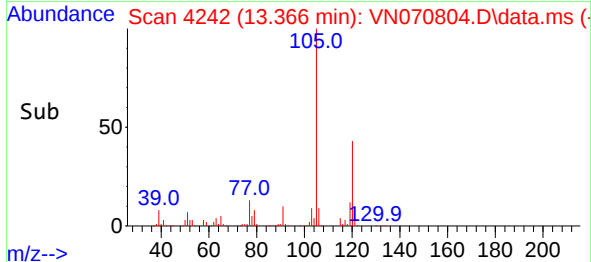
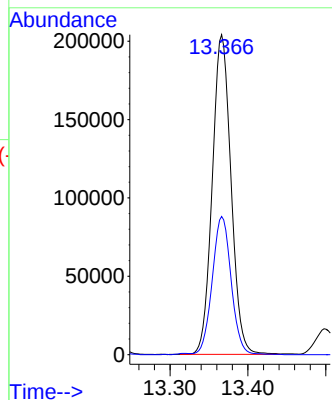
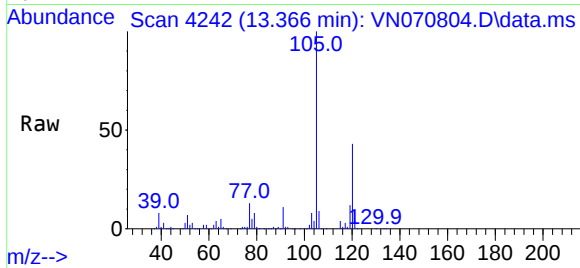




#84
1,2,4-Trimethylbenzene
Concen: 10.418 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

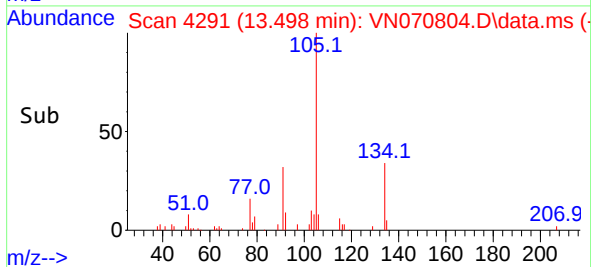
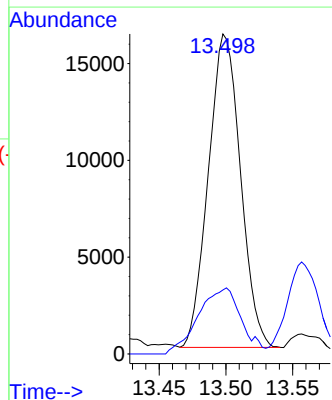
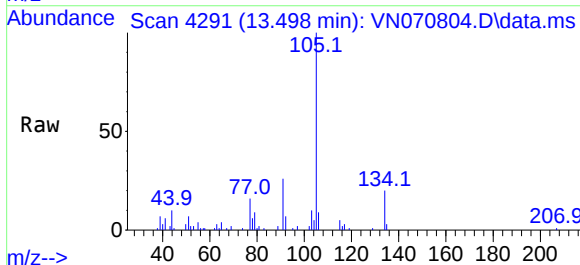
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

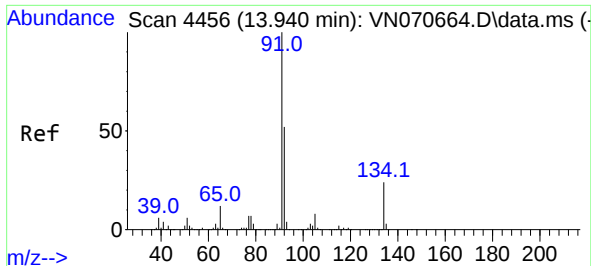
Tgt Ion:105 Resp: 340487
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.674 ug/l
RT: 13.498 min Scan# 4291
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion:105 Resp: 27111
Ion Ratio Lower Upper
105 100
134 28.1 10.4 31.1

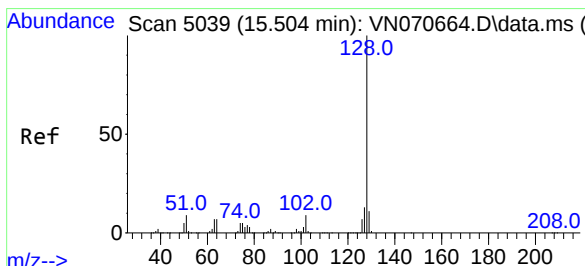
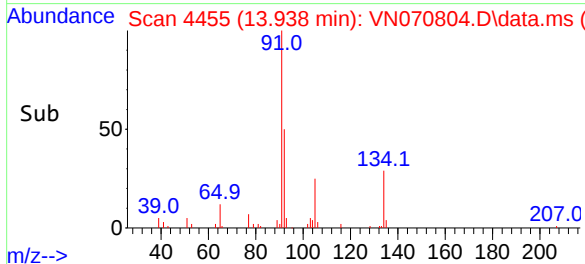
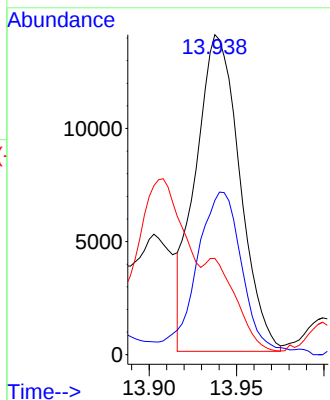
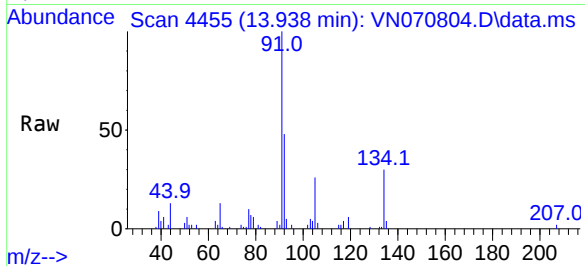




#89
n-Butylbenzene
Concen: 0.946 ug/l m
RT: 13.938 min Scan# 4456
Delta R.T. -0.002 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 24677
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.0#
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 8.307 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070804.D
Acq: 27 Jan 2022 14:24

Tgt Ion: 128 Resp: 85892
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.3 8.7 13.1

