

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069639.D
 Acq On : 24 Nov 2021 13:50
 Operator : JC/MD
 Sample : M4815-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Nov 26 06:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

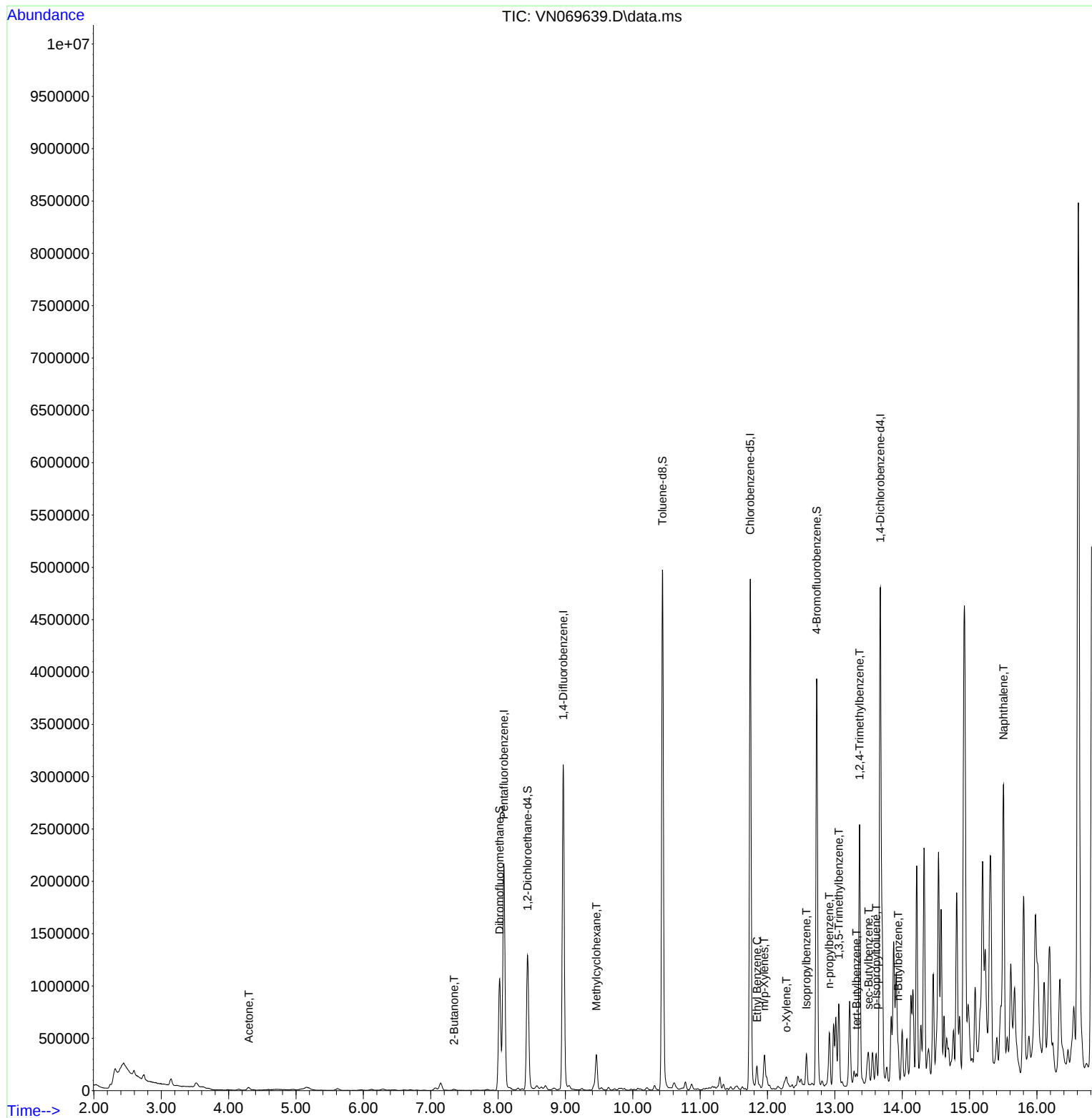
Internal Standards						
1) Pentafluorobenzene	8.086	168	1508939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2636572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2722106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1231087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1128790	51.593	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.180%	
35) Dibromofluoromethane	8.024	113	779087	49.269	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.540%	
50) Toluene-d8	10.440	98	3373133	54.237	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.731	95	1347835	58.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	45289	3.837	ug/l	99
25) 2-Butanone	7.346	43	19850	1.242	ug/l #	89
39) Methylcyclohexane	9.462	83	131722	4.773	ug/l	94
67) Ethyl Benzene	11.846	91	118447	1.268	ug/l	95
68) m/p-Xylenes	11.953	106	97288	2.831	ug/l	99
69) o-Xylene	12.280	106	26320	0.768	ug/l	89
73) Isopropylbenzene	12.578	105	199495	2.035	ug/l	100
78) n-propylbenzene	12.919	91	405590	3.677	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	363881	4.592	ug/l	97
83) tert-Butylbenzene	13.321	119	44234	0.637	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	1394534	18.229	ug/l	98
85) sec-Butylbenzene	13.501	105	173232	1.786	ug/l #	70
86) p-Isopropyltoluene	13.613	119	133256	1.730	ug/l	97
89) n-Butylbenzene	13.940	91	160737	2.503	ug/l #	73
95) Naphthalene	15.504	128	2405912	44.556	ug/l	100

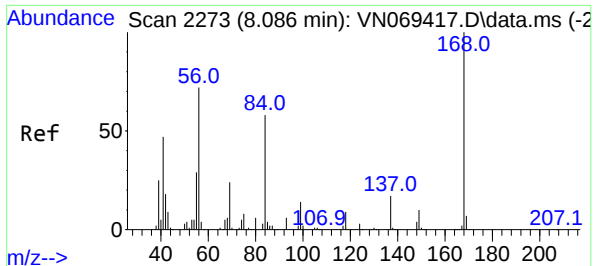
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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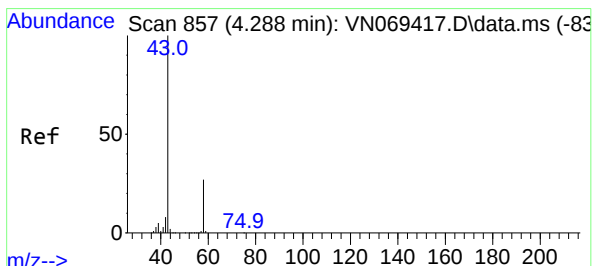
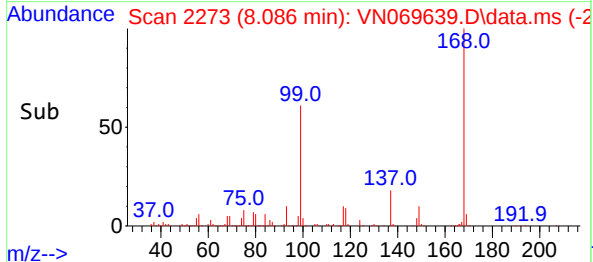
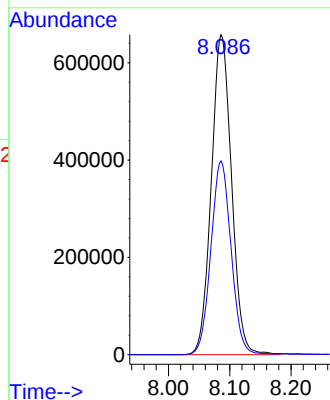
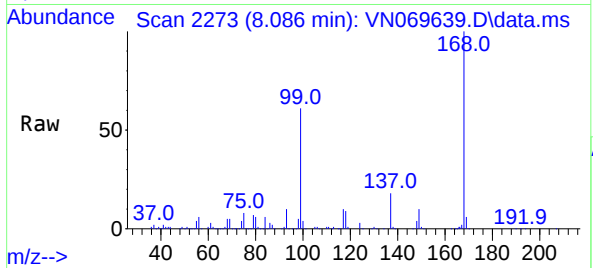




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

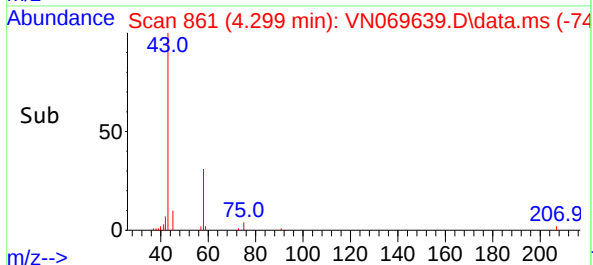
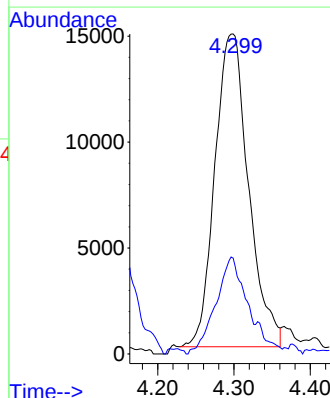
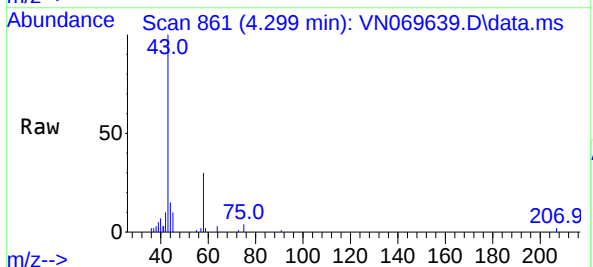
Instrument :
MSVOA_N
ClientSampleId :
MW-5

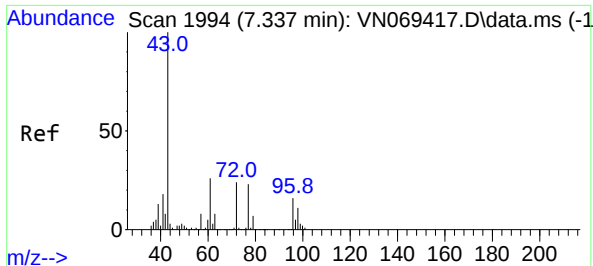
Tgt Ion:168 Resp: 1508939
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#16
Acetone
Concen: 3.837 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion: 43 Resp: 45289
Ion Ratio Lower Upper
43 100
58 29.3 23.1 34.7





#25

2-Butanone

Concen: 1.242 ug/l

RT: 7.346 min Scan# 1994

Delta R.T. 0.009 min

Lab File: VN069639.D

Acq: 24 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

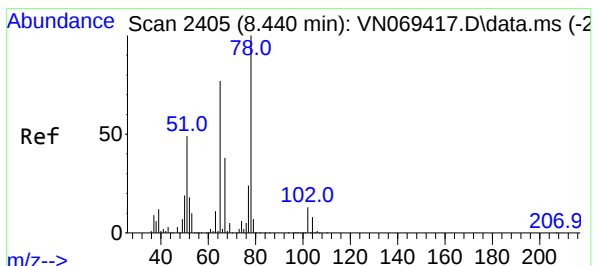
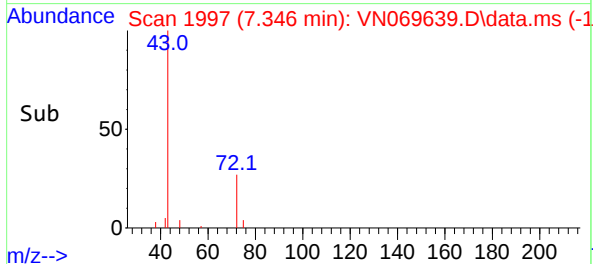
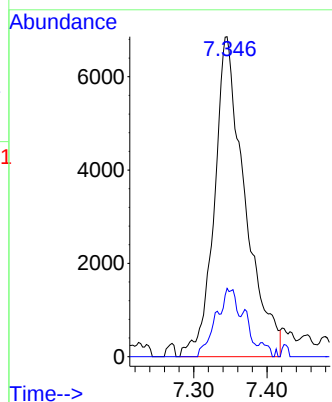
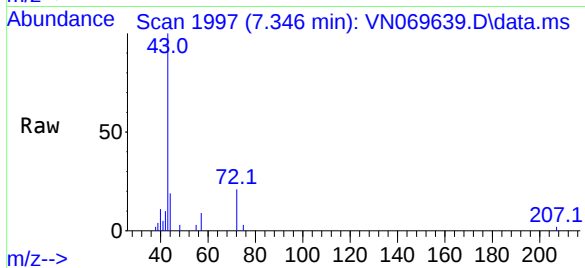
MW-5

Tgt Ion: 43 Resp: 19850

Ion Ratio Lower Upper

43 100

72 21.4 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 51.593 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN069639.D

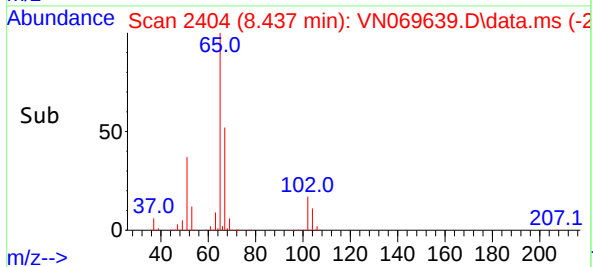
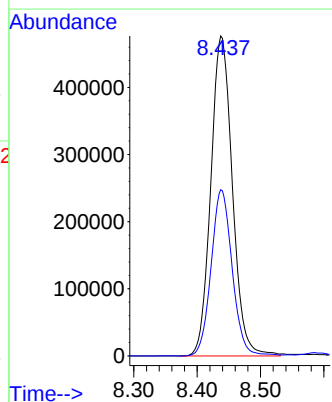
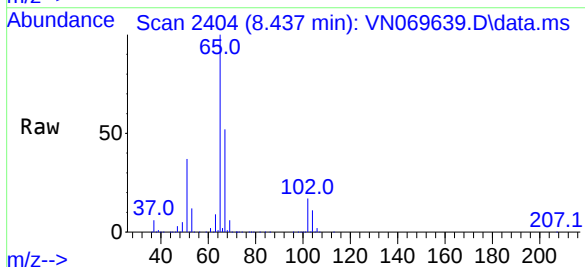
Acq: 24 Nov 2021 13:50

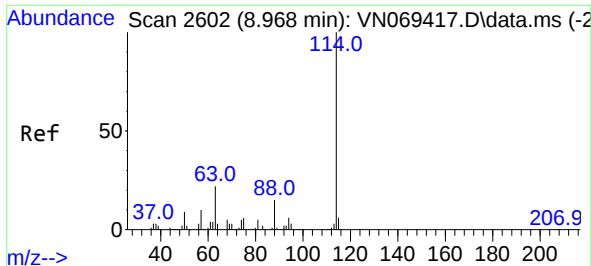
Tgt Ion: 65 Resp: 1128790

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0

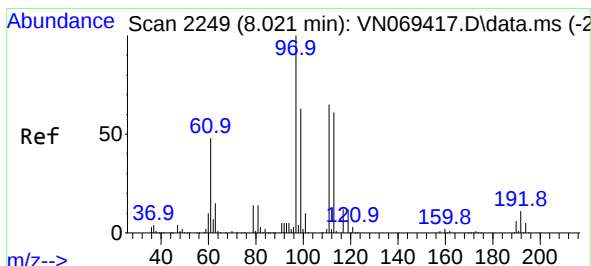
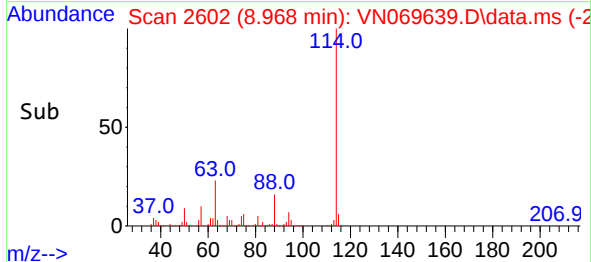
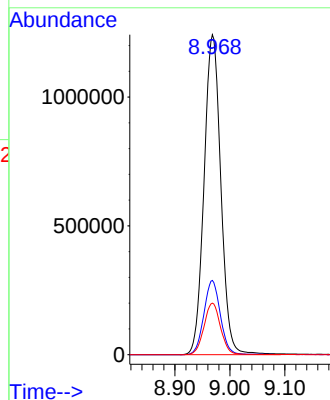
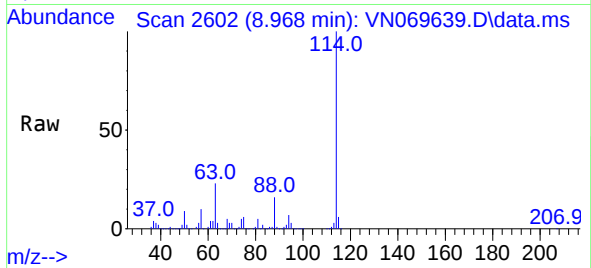




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

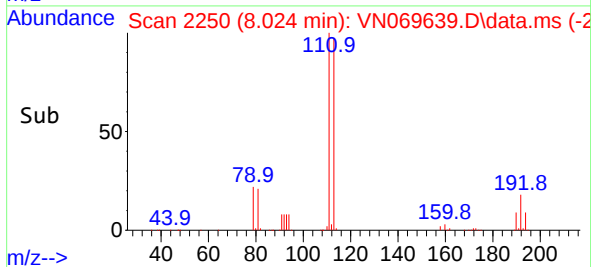
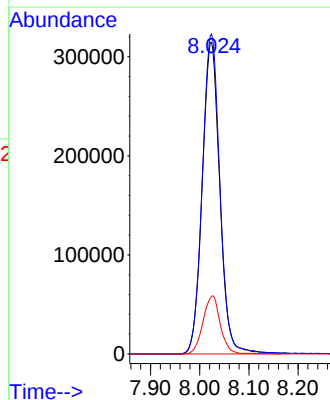
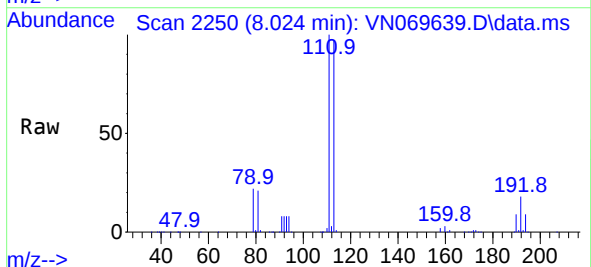
Instrument :
MSVOA_N
ClientSampleId :
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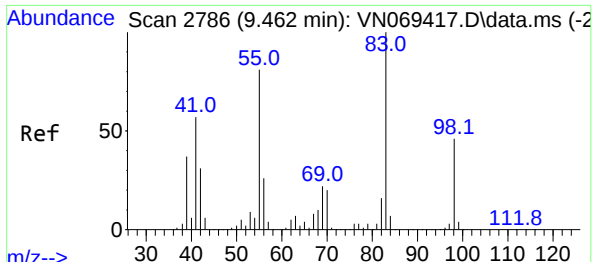
Tgt Ion:114 Resp: 2636572
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.269 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion:113 Resp: 779087
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.3 16.9 25.3

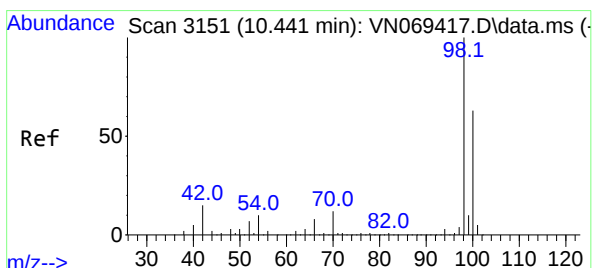
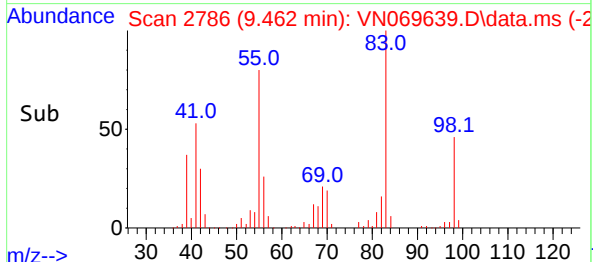
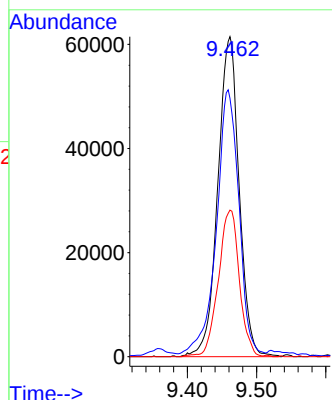
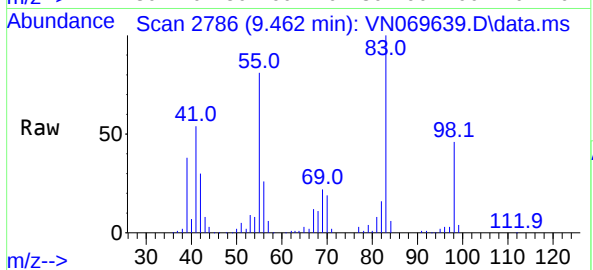




#39
Methylcyclohexane
Concen: 4.773 ug/l
RT: 9.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

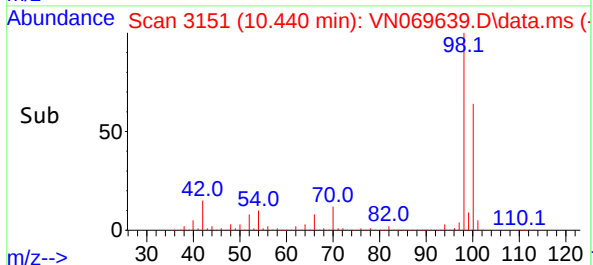
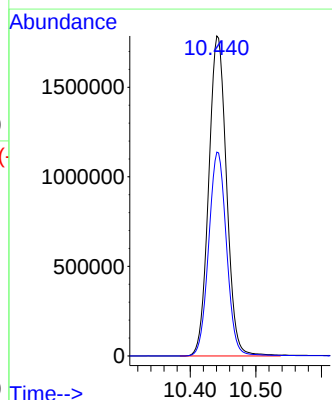
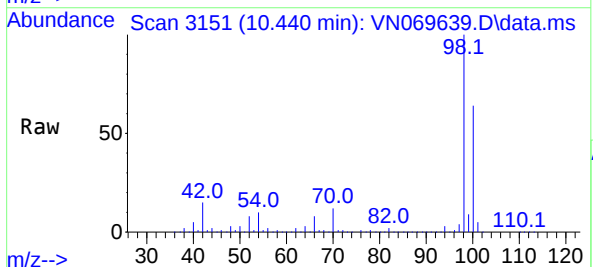
Instrument :
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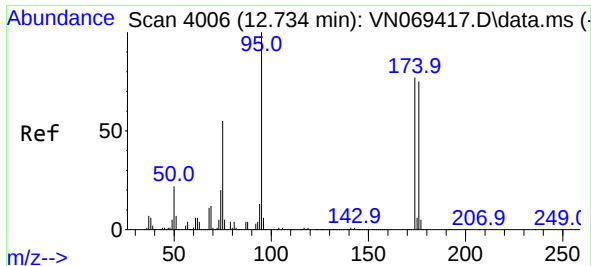
Tgt Ion: 83 Resp: 131722
Ion Ratio Lower Upper
83 100
55 79.8 58.1 87.1
98 45.8 38.4 57.6



#50
Toluene-d8
Concen: 54.237 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion: 98 Resp: 3373133
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

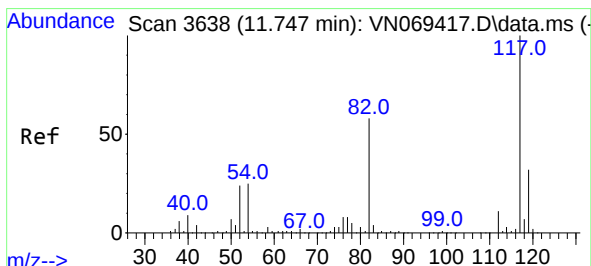
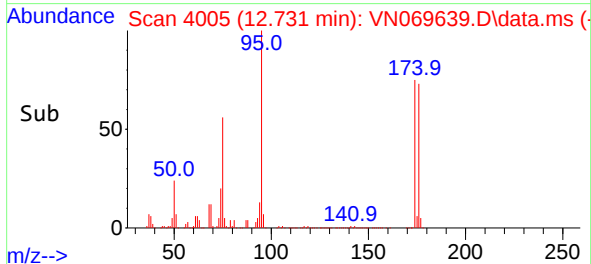
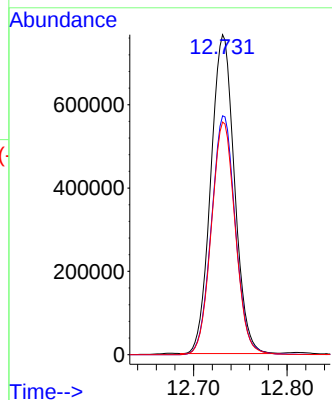
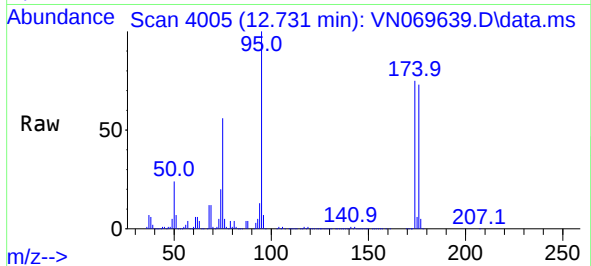




#62
4-Bromofluorobenzene
Concen: 58.994 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

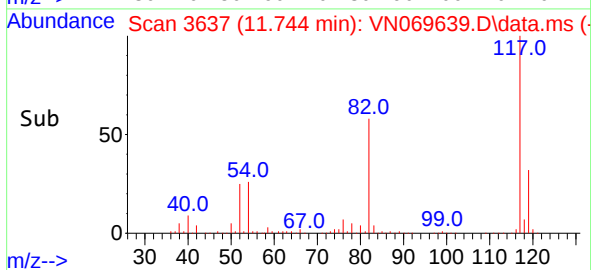
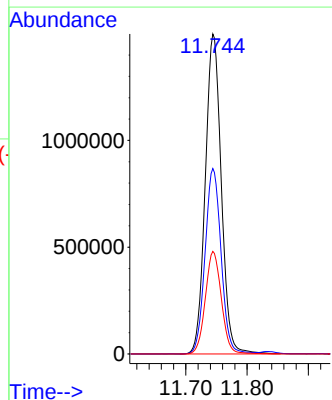
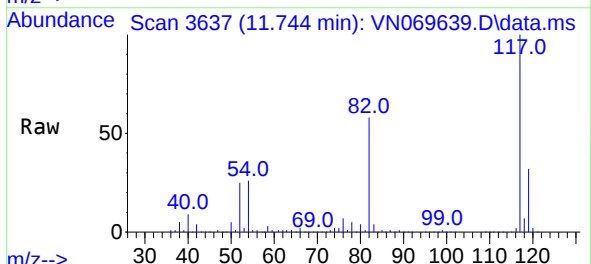
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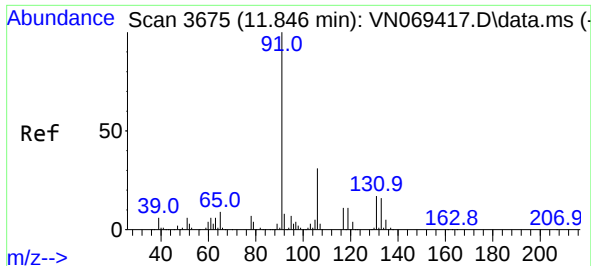
Tgt Ion: 95 Resp: 1347835
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion: 117 Resp: 2722106
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.1 25.4 38.2

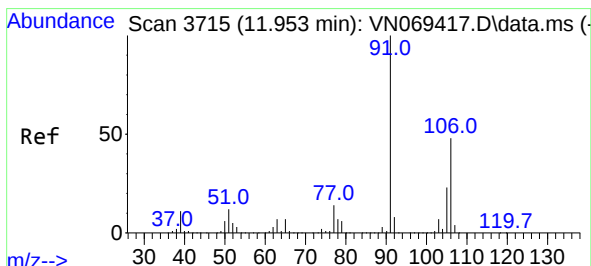
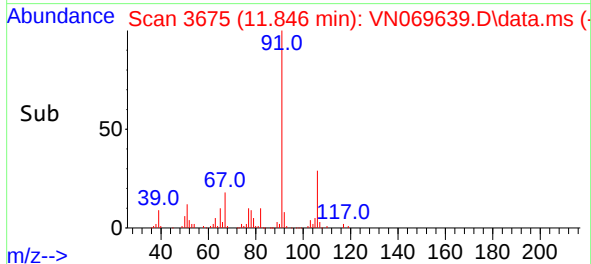
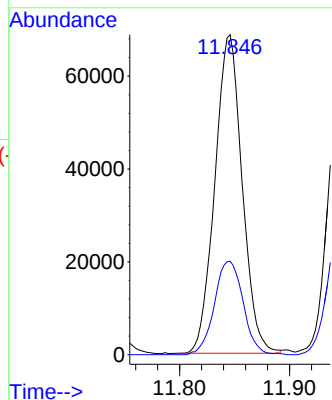
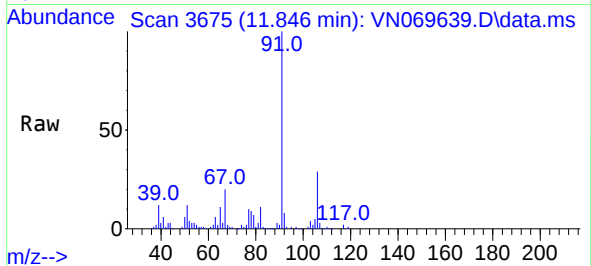




#67
Ethyl Benzene
Concen: 1.268 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

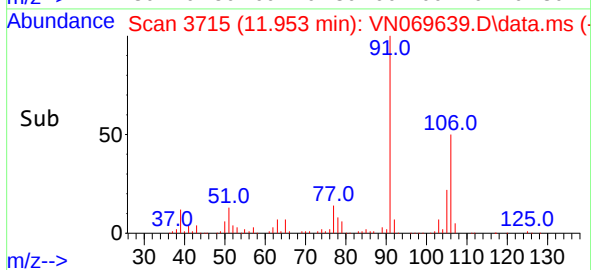
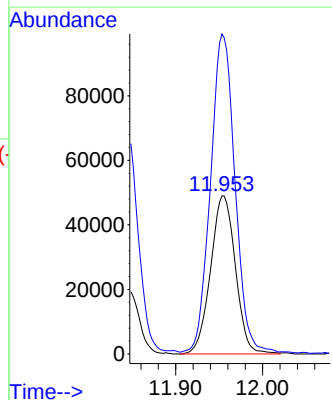
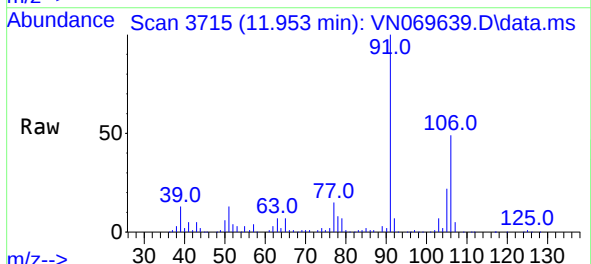
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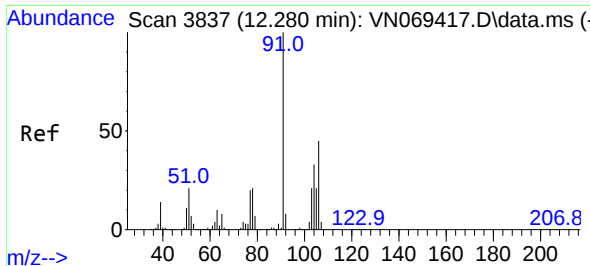
Tgt Ion: 91 Resp: 118447
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5



#68
m/p-Xylenes
Concen: 2.831 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion: 106 Resp: 97288
Ion Ratio Lower Upper
106 100
91 198.9 160.6 240.8

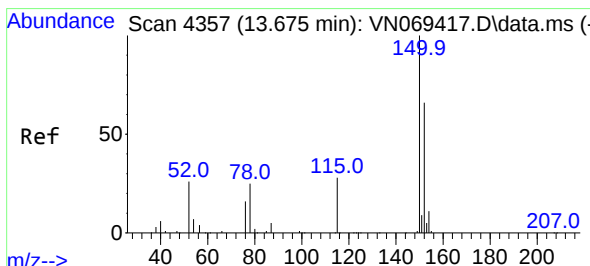
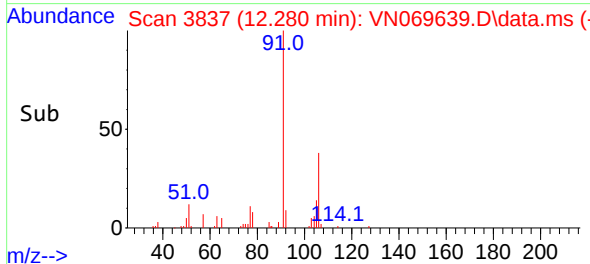
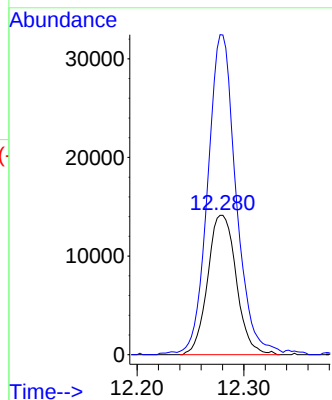
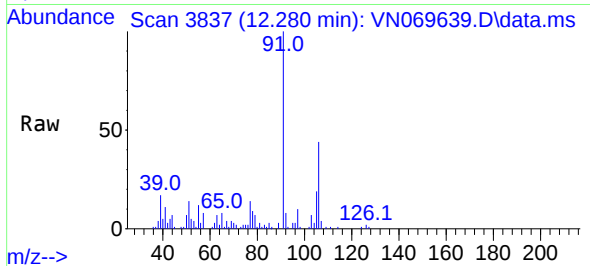




#69
o-Xylene
Concen: 0.768 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

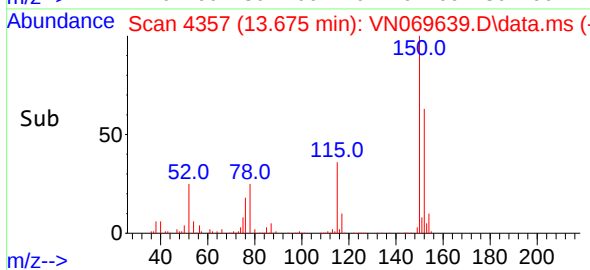
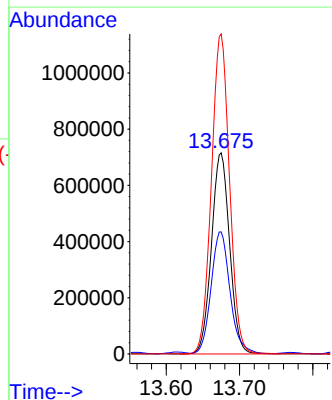
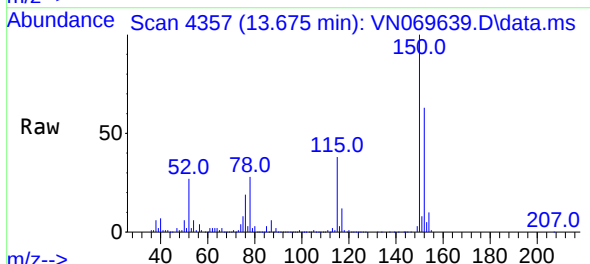
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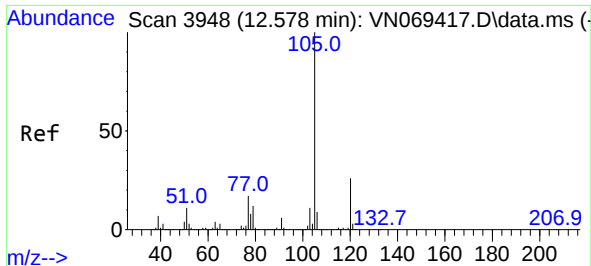
Tgt Ion:106 Resp: 26320
Ion Ratio Lower Upper
106 100
91 228.0 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion:152 Resp: 1231087
Ion Ratio Lower Upper
152 100
115 63.0 27.5 82.5
150 158.5 0.0 344.4

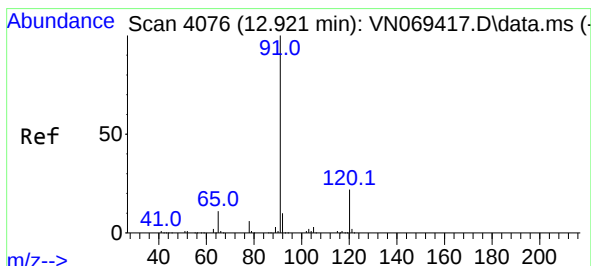
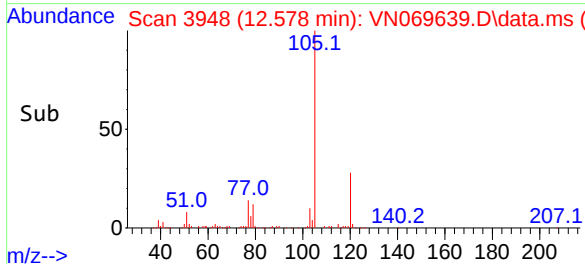
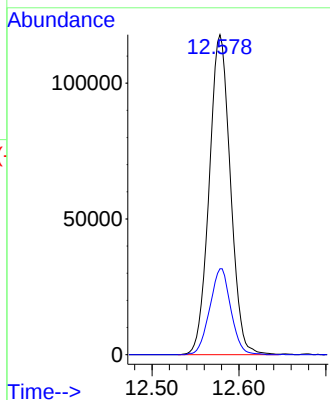
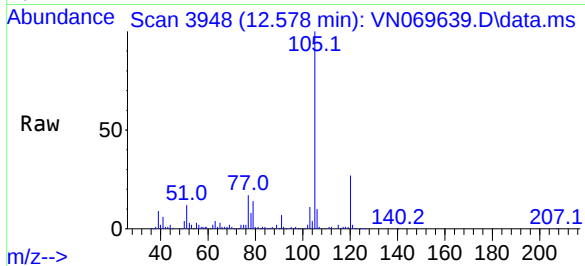




#73
Isopropylbenzene
Concen: 2.035 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

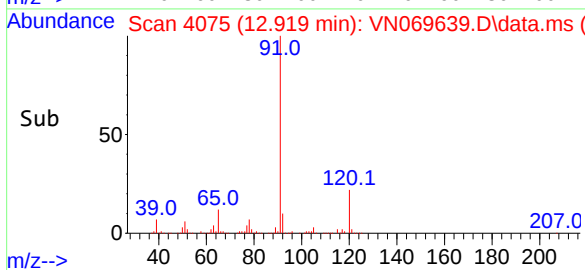
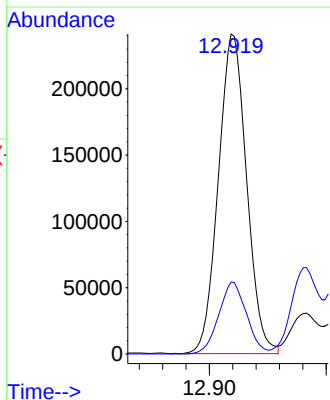
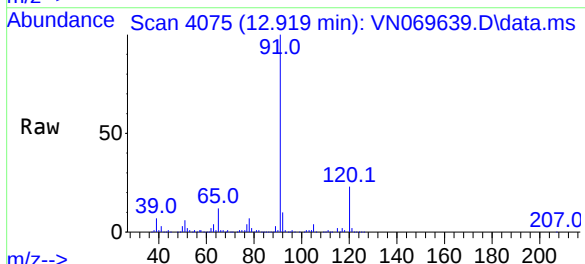
Instrument :
MSVOA_N
ClientSampleId :
MW-5

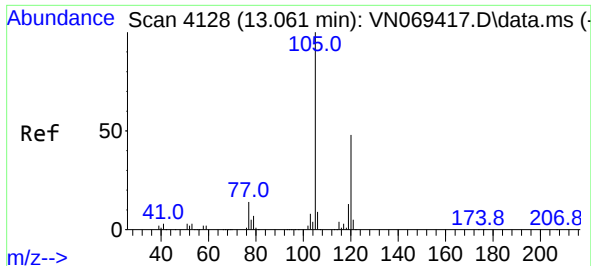
Tgt Ion:105 Resp: 199495
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#78
n-propylbenzene
Concen: 3.677 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion: 91 Resp: 405590
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

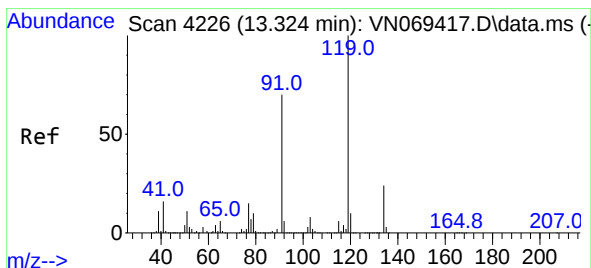
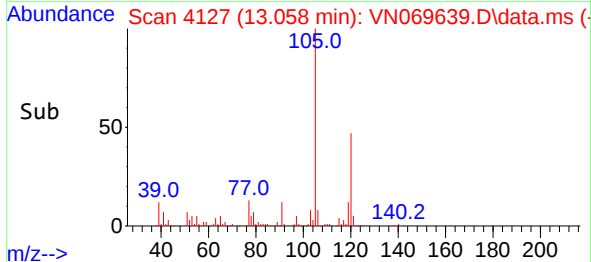
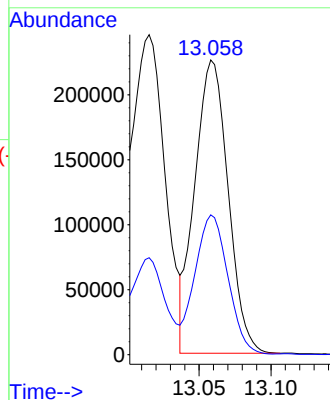
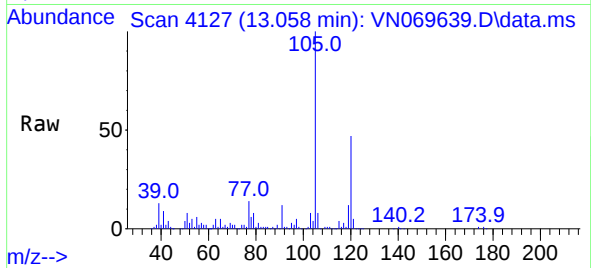




#80
1,3,5-Trimethylbenzene
Concen: 4.592 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

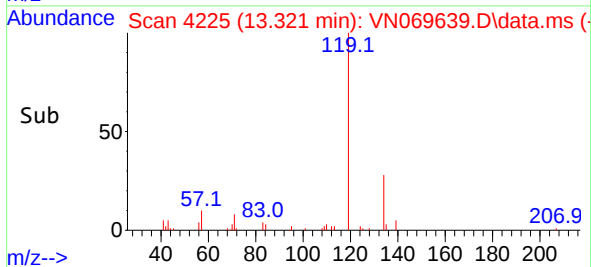
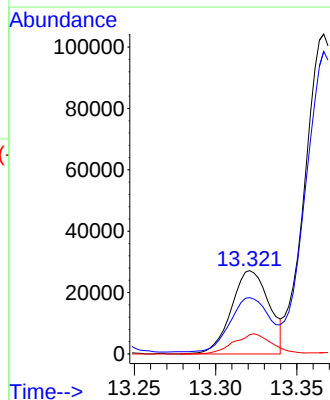
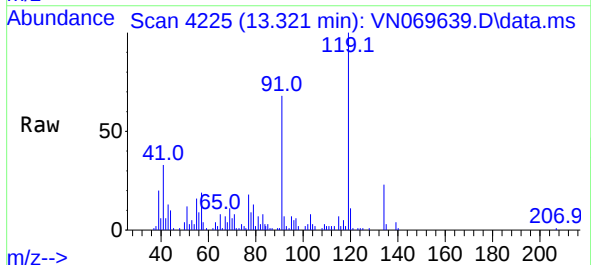
Instrument :
MSVOA_N
ClientSampleId :
MW-5

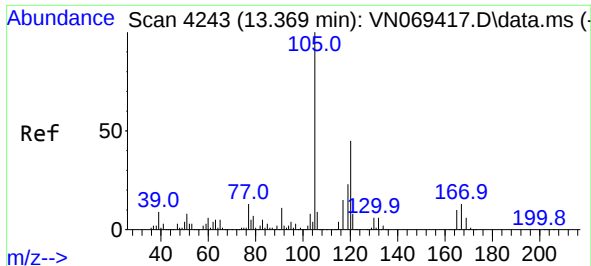
Tgt Ion:105 Resp: 363881
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6



#83
tert-Butylbenzene
Concen: 0.637 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion:119 Resp: 44234
Ion Ratio Lower Upper
119 100
91 68.7 31.5 94.5
134 24.2 12.4 37.4

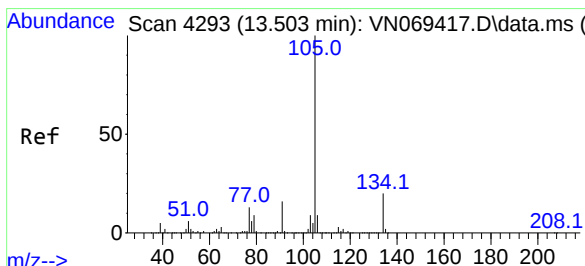
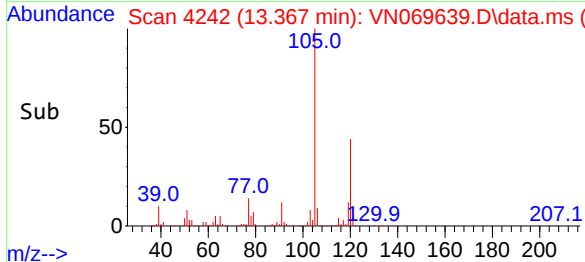
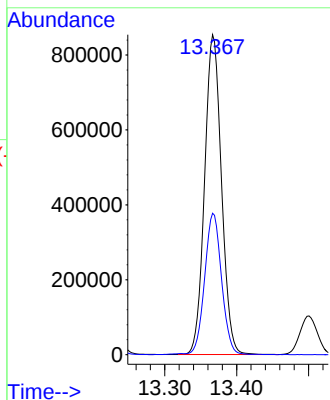
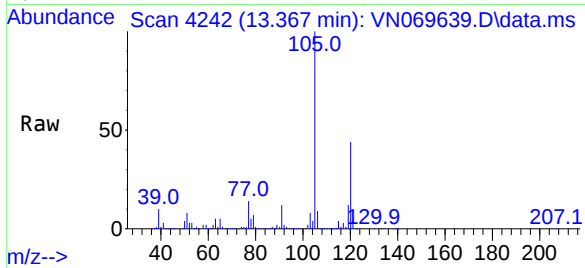




#84
1,2,4-Trimethylbenzene
Concen: 18.229 ug/l
RT: 13.367 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

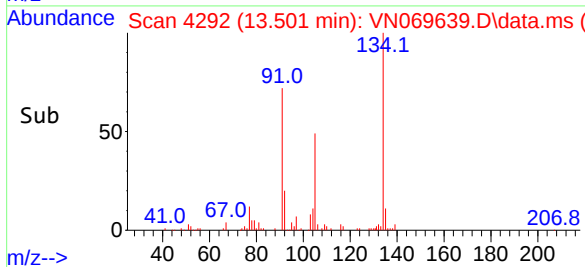
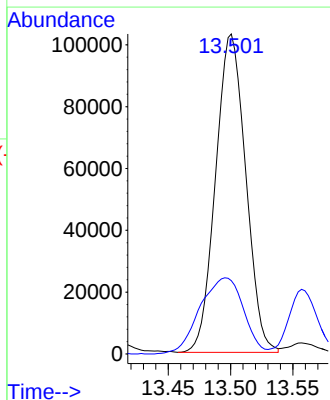
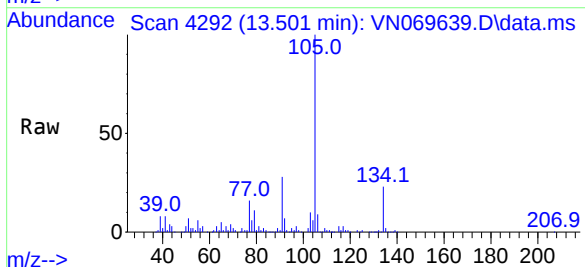
Instrument :
MSVOA_N
ClientSampleId :
MW-5

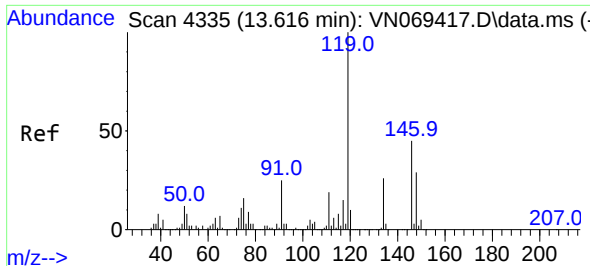
Tgt Ion:105 Resp: 1394534
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.786 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion:105 Resp: 173232
Ion Ratio Lower Upper
105 100
134 34.7 10.4 31.1#

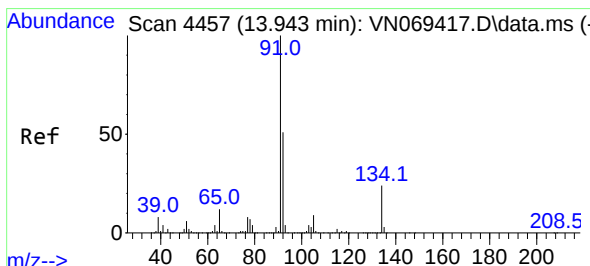
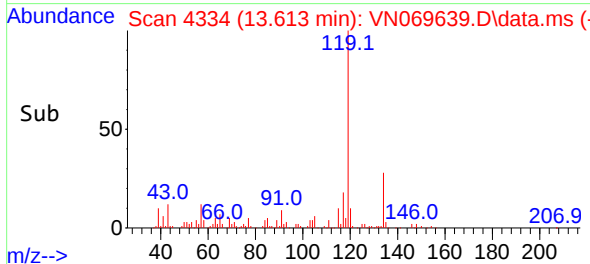
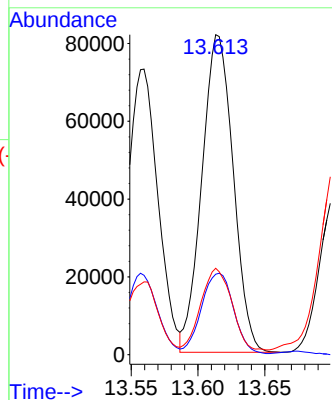
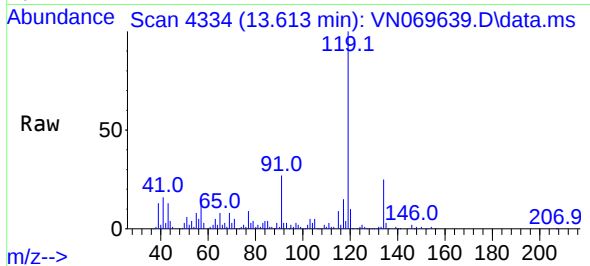




#86
p-Isopropyltoluene
Concen: 1.730 ug/l
RT: 13.613 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

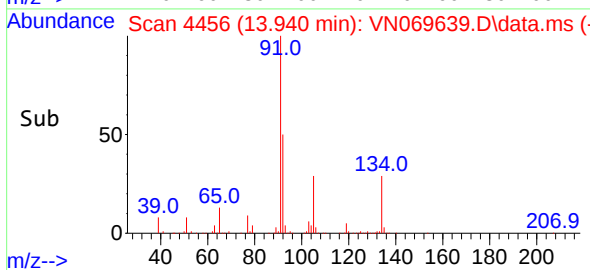
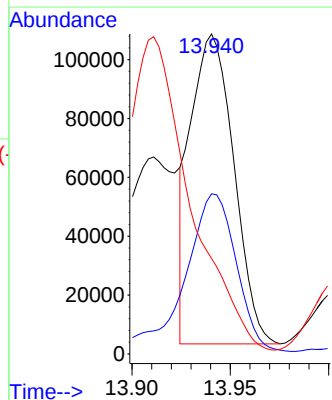
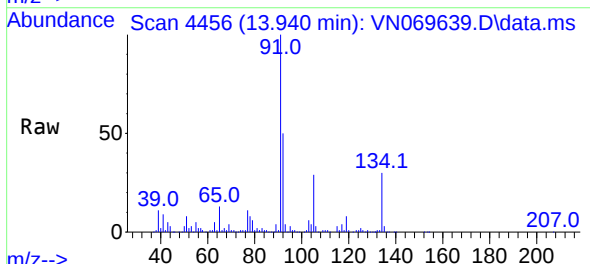
Instrument :
MSVOA_N
ClientSampleId :
MW-5

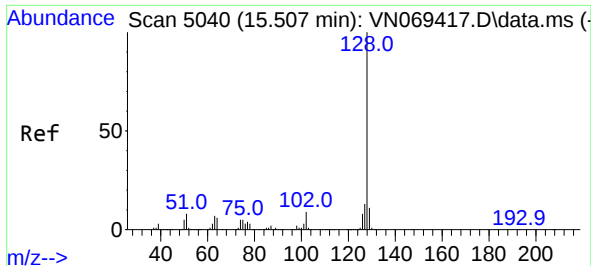
Tgt Ion:119 Resp: 133256
Ion Ratio Lower Upper
119 100
134 25.9 13.6 40.7
91 24.8 11.4 34.1



#89
n-Butylbenzene
Concen: 2.503 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069639.D
Acq: 24 Nov 2021 13:50

Tgt Ion: 91 Resp: 160737
Ion Ratio Lower Upper
91 100
92 59.7 25.4 76.0
134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 44.556 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN069639.D

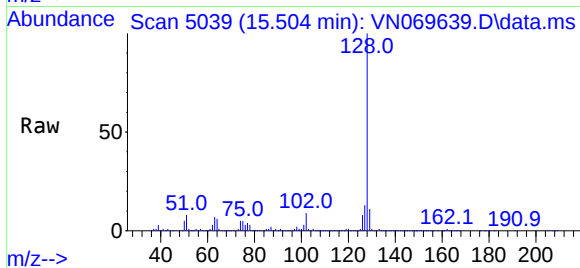
Acq: 24 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

MW-5



Tgt Ion:128 Resp: 2405912

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 8.7 13.1

