

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069488.D
 Acq On : 15 Nov 2021 13:08
 Operator : JC/MD
 Sample : M4674-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MF-WATER-COMP

Quant Time: Nov 16 00:49:25 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)

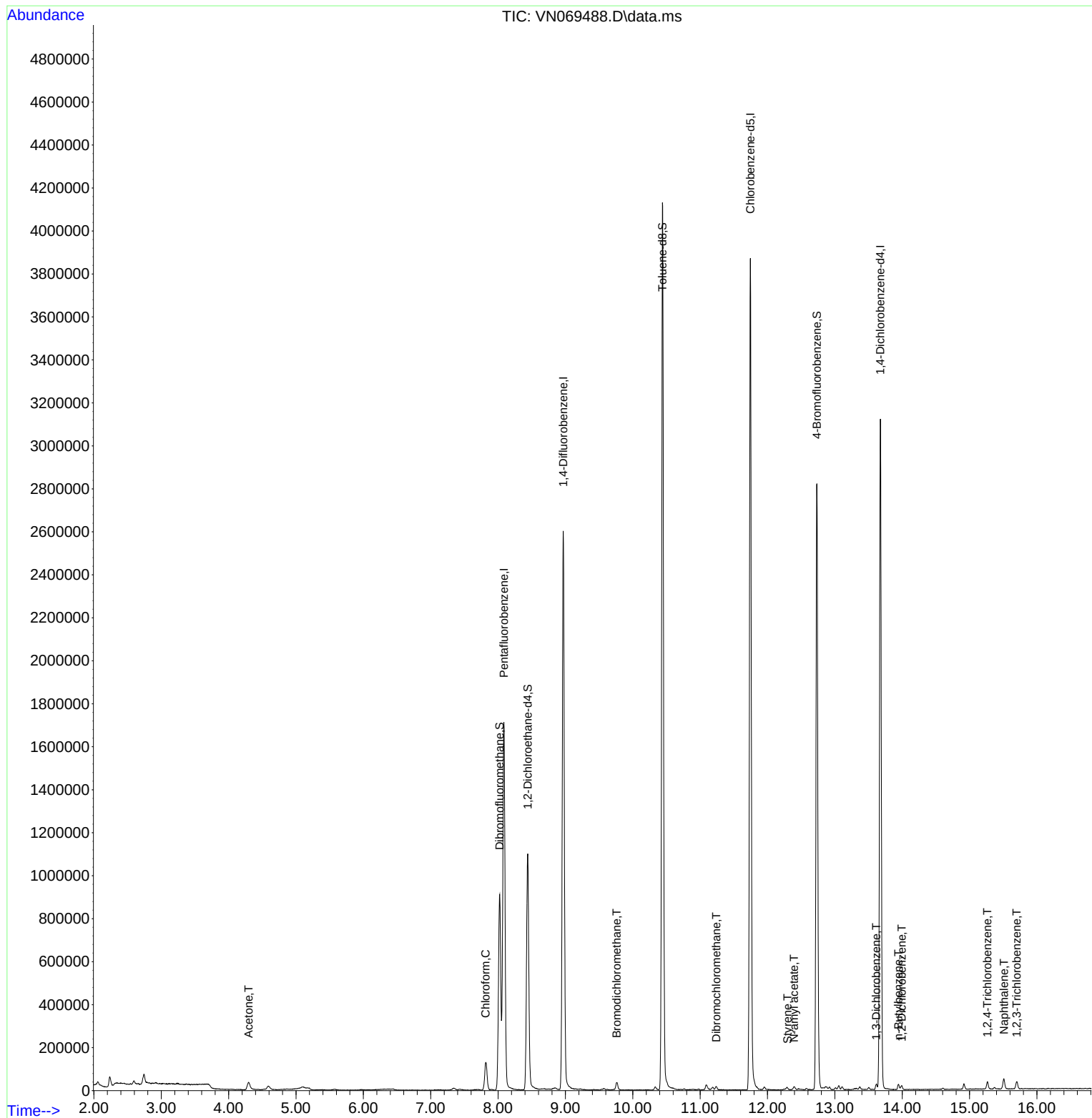
Internal Standards						
1) Pentafluorobenzene	8.086	168	1272195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2244351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2204524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	826913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	947156	51.347	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.700%		
35) Dibromofluoromethane	8.024	113	659504	48.995	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.980%		
50) Toluene-d8	10.440	98	2837713	53.602	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 107.200%		
62) 4-Bromofluorobenzene	12.733	95	995111	51.167	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 102.340%		
Target Compounds						Qvalue
16) Acetone	4.296	43	64790	6.510	ug/l	89
30) Chloroform	7.815	83	124868	4.870	ug/l	100
47) Bromodichloromethane	9.759	83	23908	1.228	ug/l	94
60) Dibromochloromethane	11.240	129	7449	2.859	ug/l	97
70) Styrene	12.299	104	3560	1.590	ug/l	89
74) N-amyl acetate	12.393	43	10771	0.386	ug/l	92
87) 1,3-Dichlorobenzene	13.613	146	5862	0.225	ug/l	92
89) n-Butylbenzene	13.943	91	14059	0.326	ug/l	98
91) 1,2-Dichlorobenzene	13.994	146	6232	0.251	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	10764	3.889	ug/l	91
95) Naphthalene	15.509	128	42851	5.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	12200	4.088	ug/l #	87

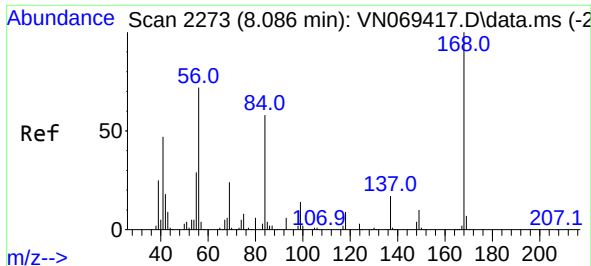
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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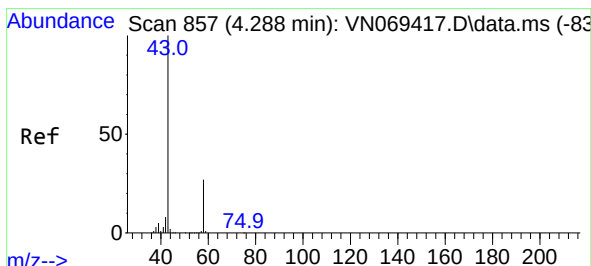
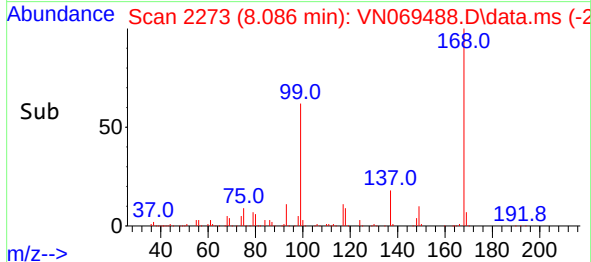
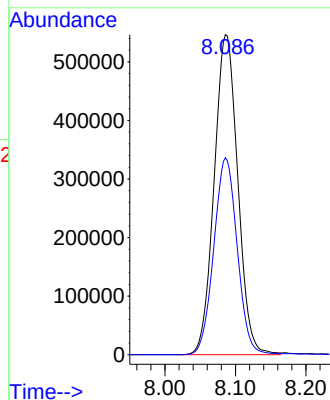
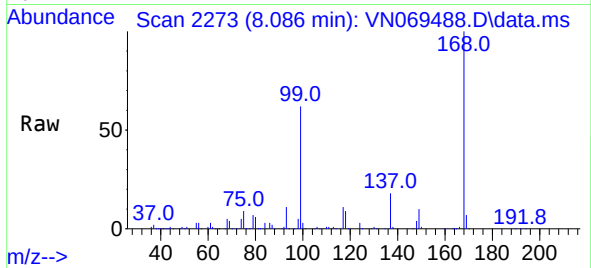




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

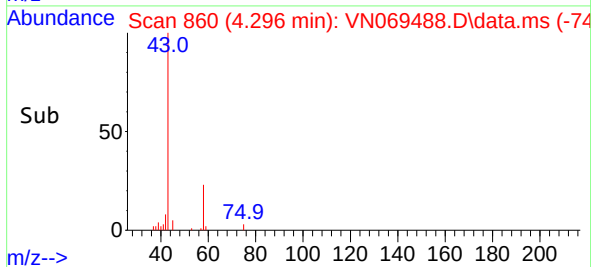
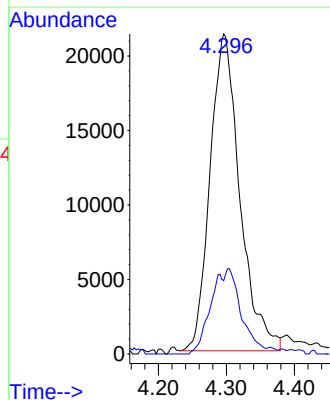
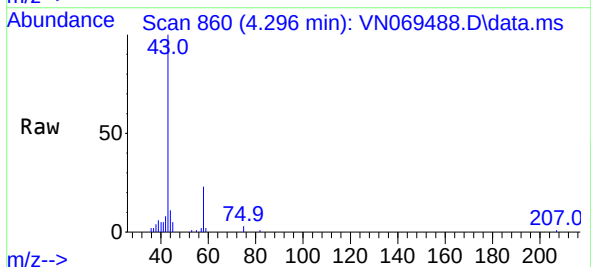
Instrument :
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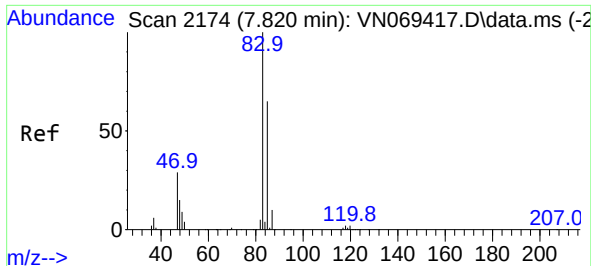
Tgt Ion:168 Resp: 1272195
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#16
Acetone
Concen: 6.510 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion: 43 Resp: 64790
Ion Ratio Lower Upper
43 100
58 23.2 23.1 34.7





#30

Chloroform

Concen: 4.870 ug/l

RT: 7.815 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN069488.D

Acq: 15 Nov 2021 13:08

Instrument :

MSVOA_N

ClientSampleId :

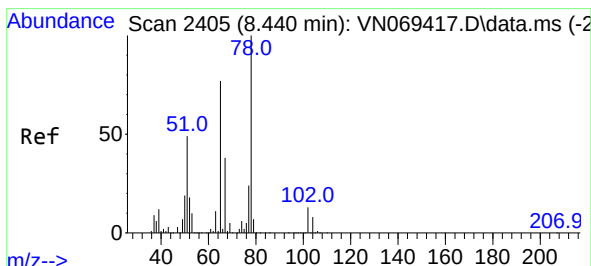
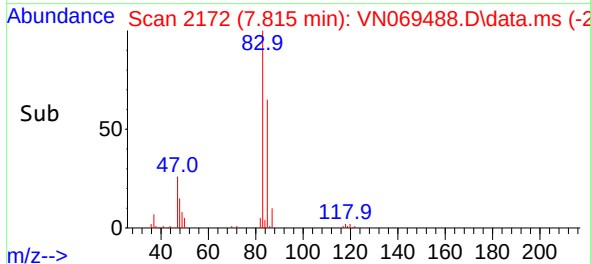
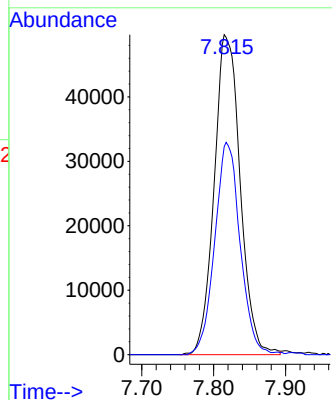
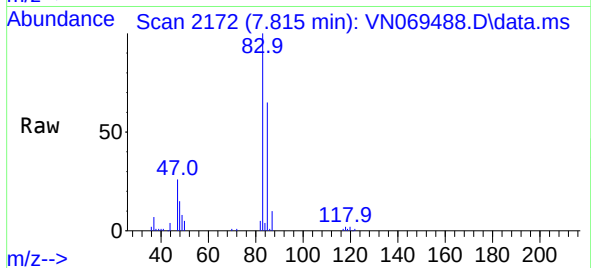
MF-WATER-COMP

Tgt Ion: 83 Resp: 124868

Ion Ratio Lower Upper

83 100

85 65.0 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 51.347 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069488.D

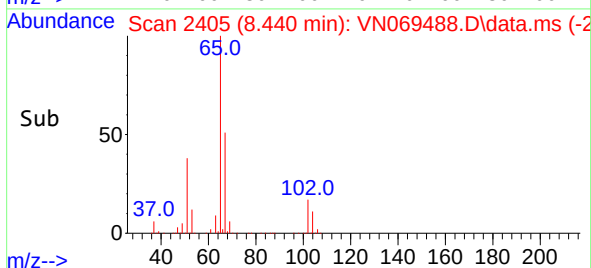
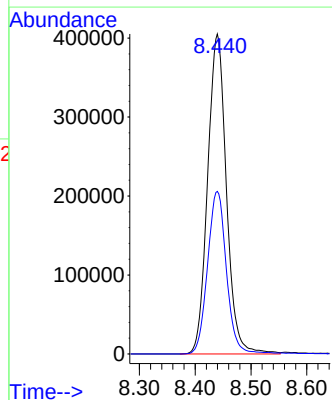
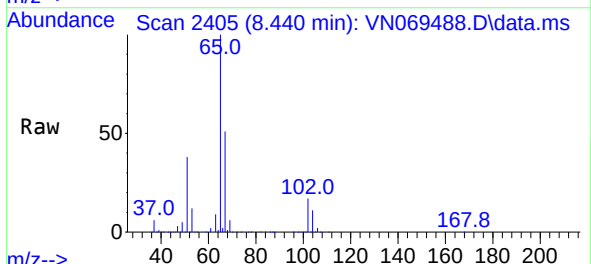
Acq: 15 Nov 2021 13:08

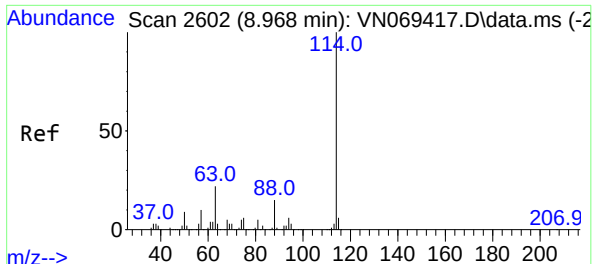
Tgt Ion: 65 Resp: 947156

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0

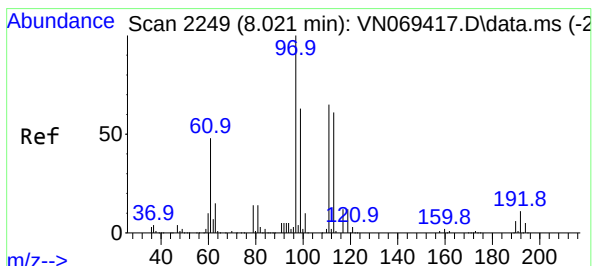
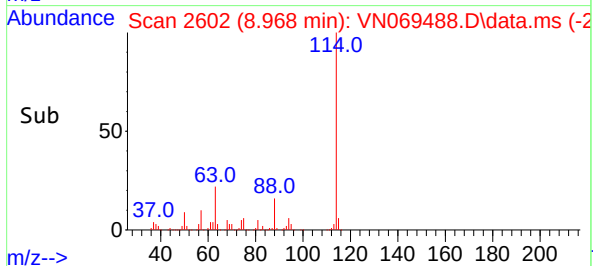
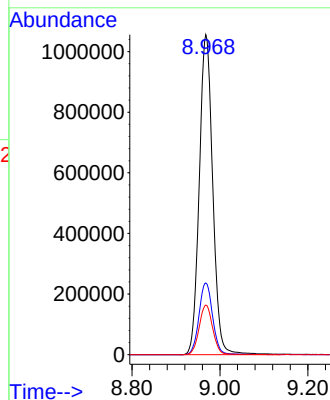
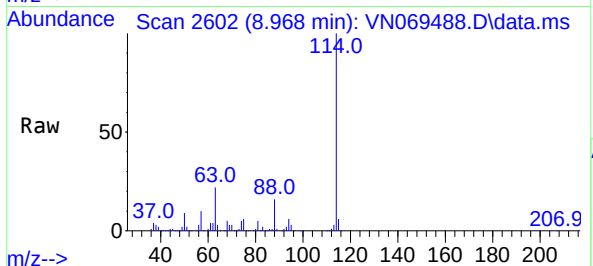




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

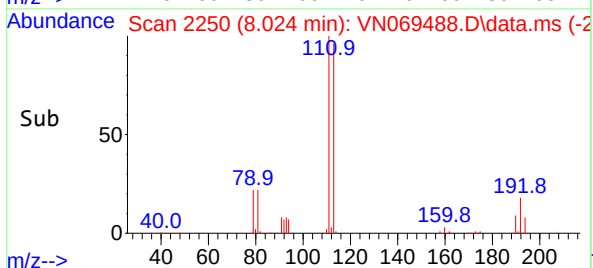
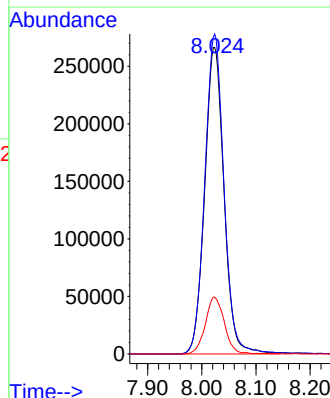
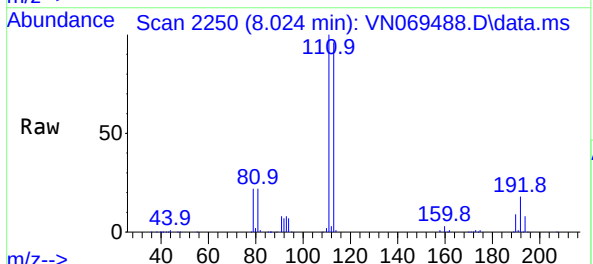
Instrument :
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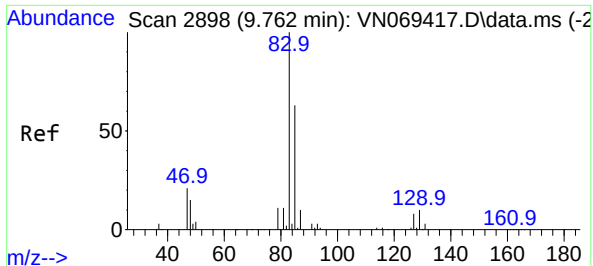
Tgt Ion:114 Resp: 2244351
Ion Ratio Lower Upper
114 100
63 22.4 0.0 37.8
88 15.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.995 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion:113 Resp: 659504
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.1 16.9 25.3

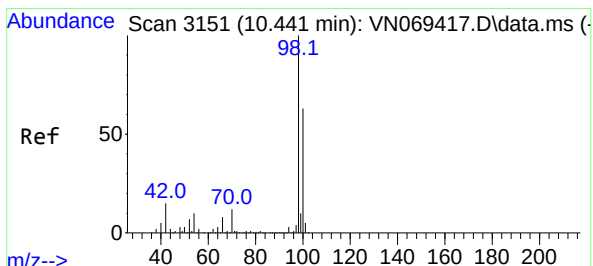
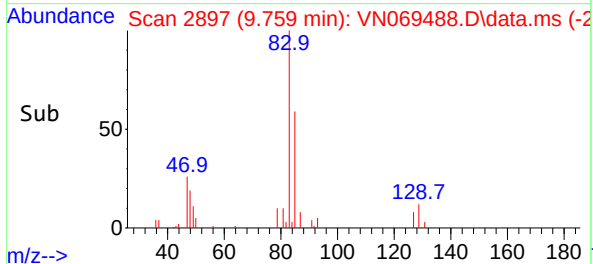
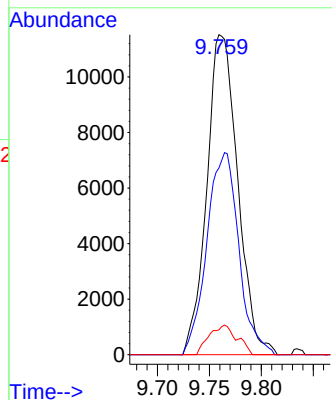
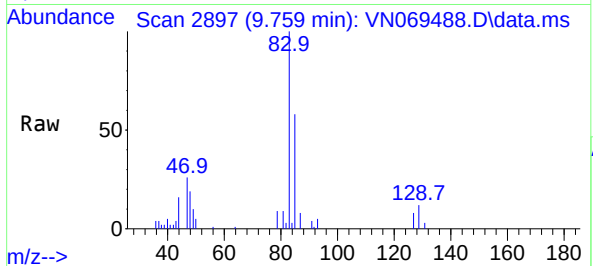




#47
Bromodichloromethane
Concen: 1.228 ug/l
RT: 9.759 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

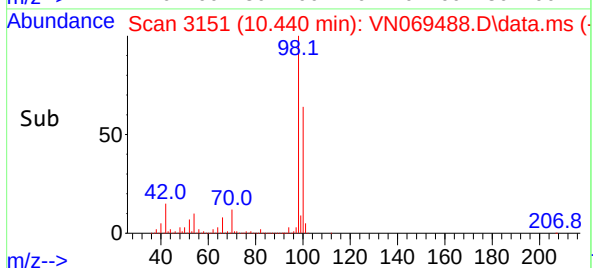
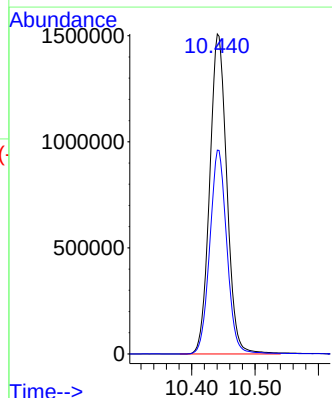
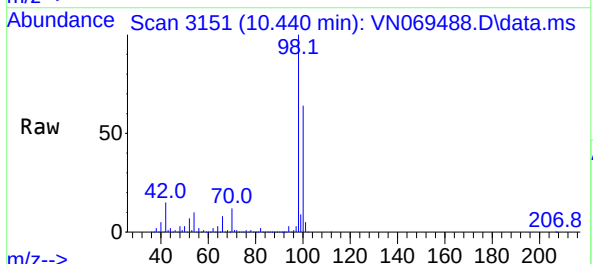
Instrument :
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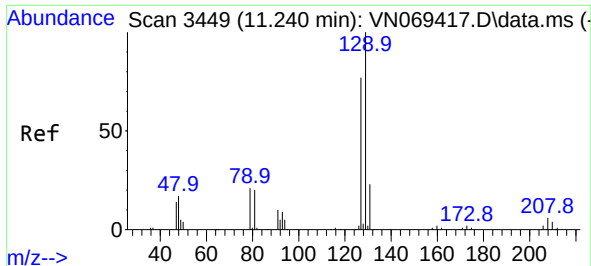
Tgt Ion: 83 Resp: 23908
Ion Ratio Lower Upper
83 100
85 58.3 50.9 76.3
127 7.7 7.1 10.7



#50
Toluene-d8
Concen: 53.602 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion: 98 Resp: 2837713
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6

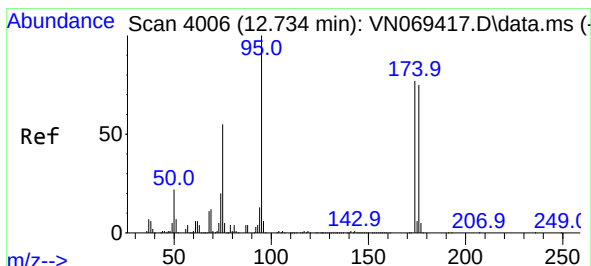
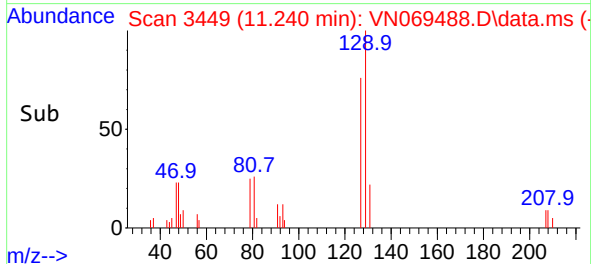
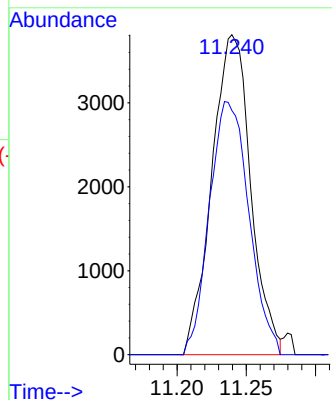
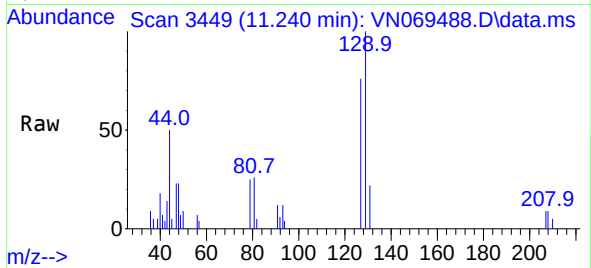




#60
Dibromochloromethane
Concen: 2.859 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

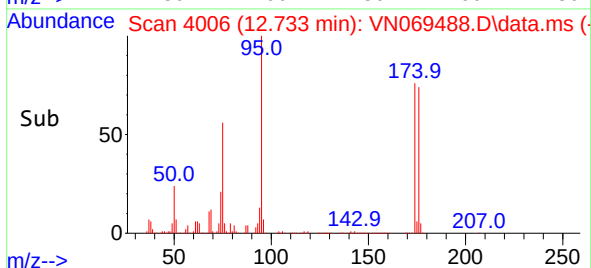
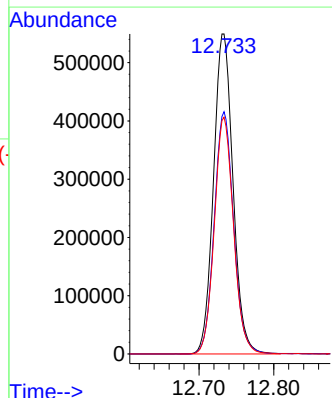
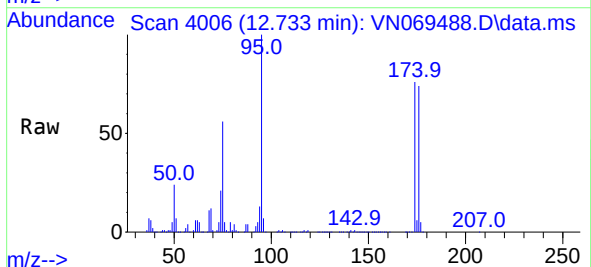
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ClientSampleId :
MF-WATER-COMP

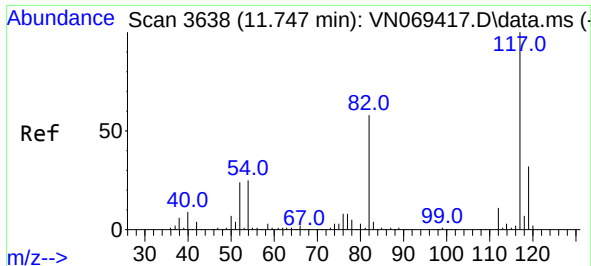
Tgt Ion:129 Resp: 7449
Ion Ratio Lower Upper
129 100
127 80.3 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 51.167 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion: 95 Resp: 995111
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.0 0.0 181.4

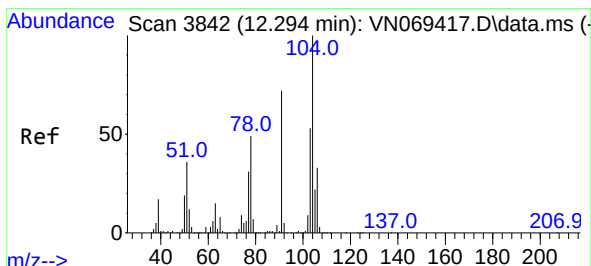
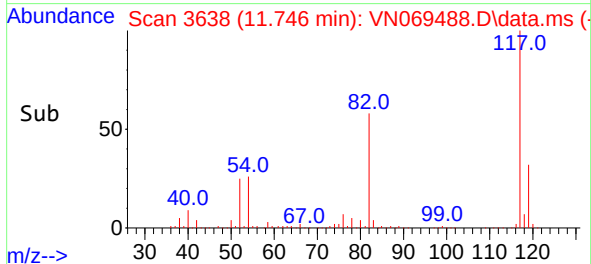
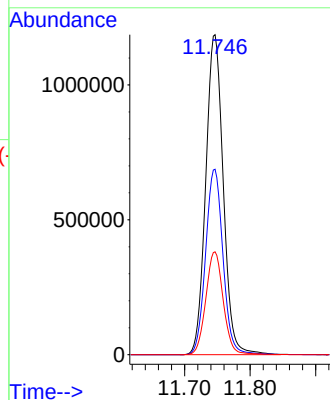
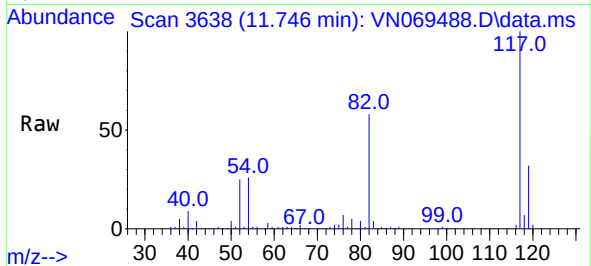




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

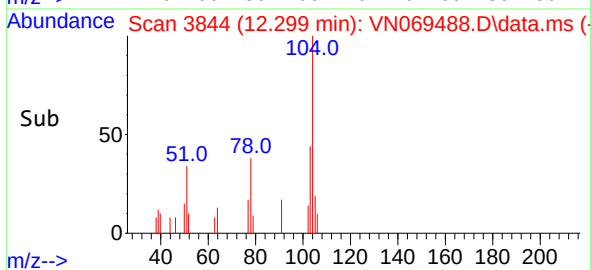
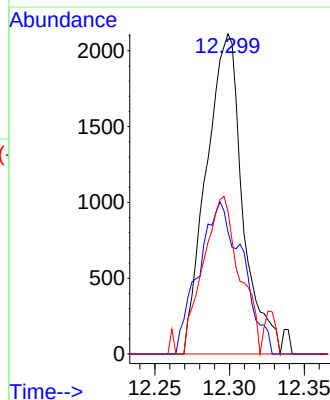
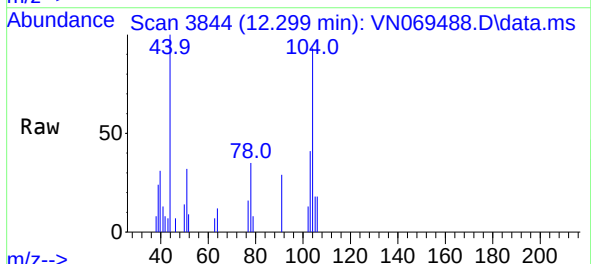
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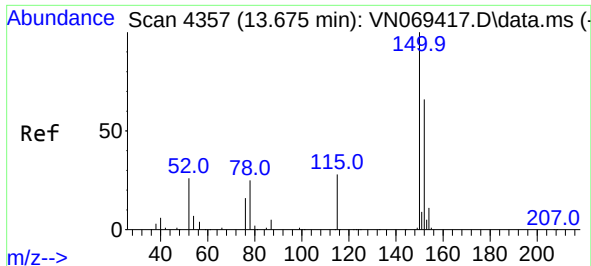
Tgt Ion:117 Resp: 2204524
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.2 25.4 38.2



#70
Styrene
Concen: 1.590 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.005 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion:104 Resp: 3560
Ion Ratio Lower Upper
104 100
78 57.6 38.7 58.1
103 49.3 45.0 67.6

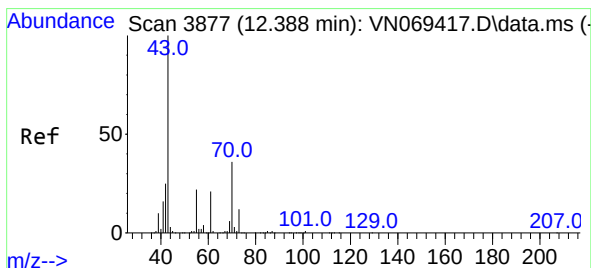
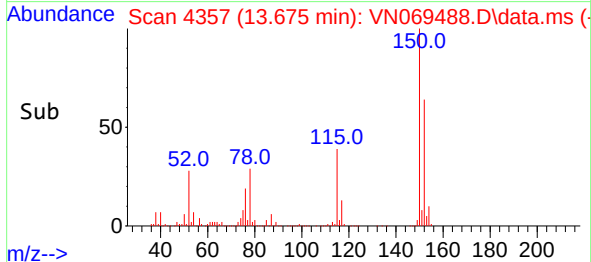
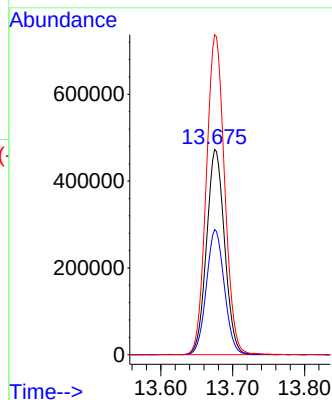
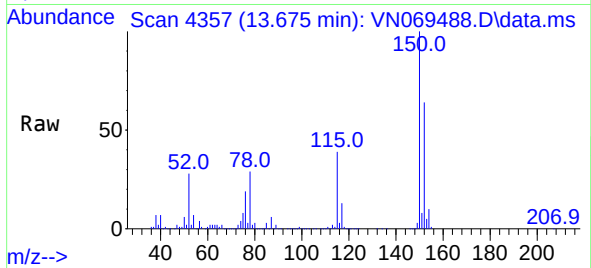




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

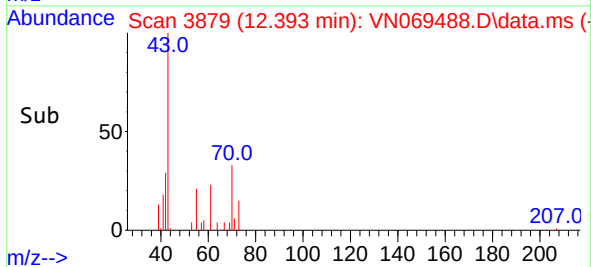
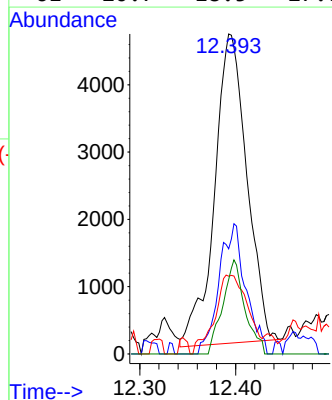
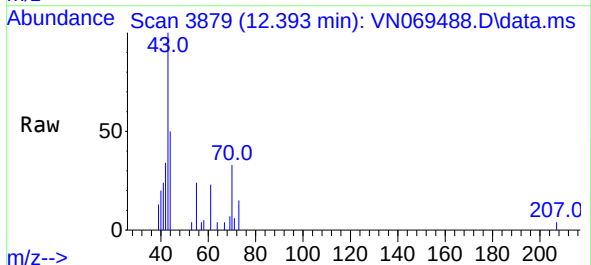
Instrument :
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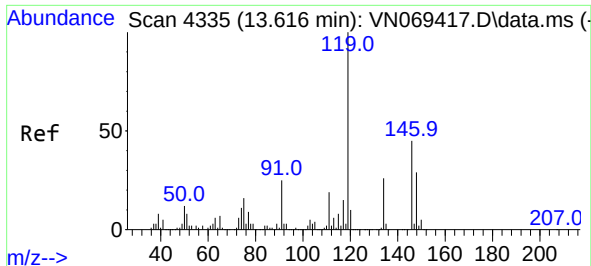
Tgt Ion:152 Resp: 826913
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 157.7 0.0 344.4



#74
N-ethyl acetate
Concen: 0.386 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion: 43 Resp: 10771
Ion Ratio Lower Upper
43 100
70 34.6 33.4 50.0
55 25.9 19.3 28.9
61 20.7 18.5 27.7



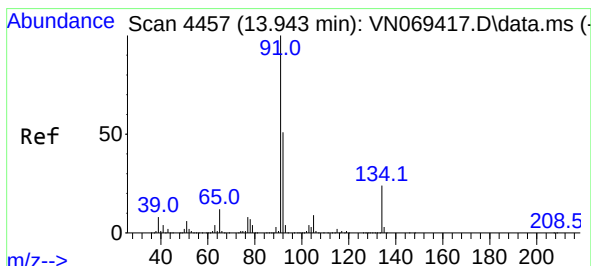
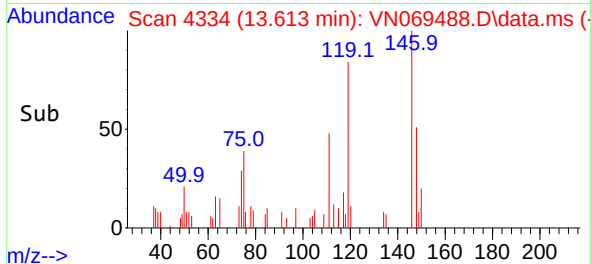
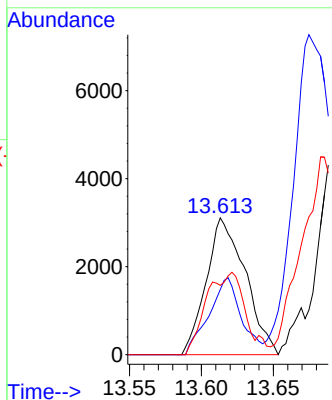
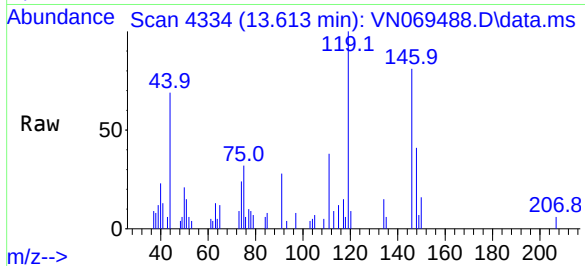


#87
 1,3-Dichlorobenzene
 Concen: 0.225 ug/l
 RT: 13.613 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069488.D
 Acq: 15 Nov 2021 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MF-WATER-COMP

Tgt Ion: 146 Resp: 5862

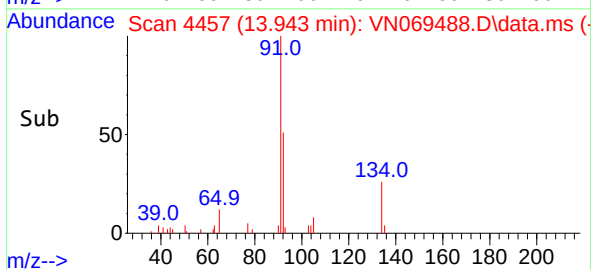
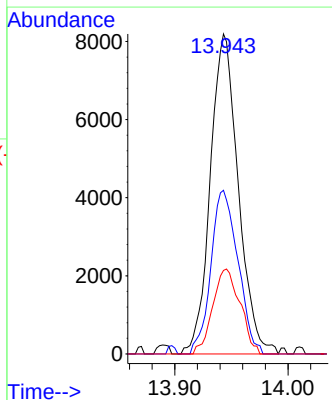
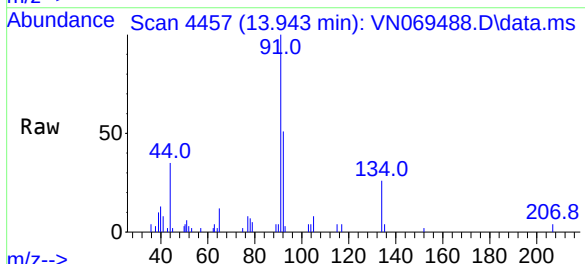
Ion	Ratio	Lower	Upper
146	100		
111	46.7	18.6	55.6
148	60.6	31.6	95.0

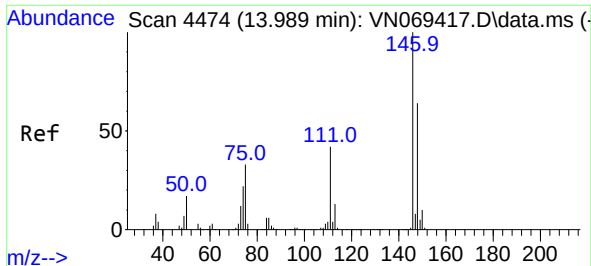


#89
 n-Butylbenzene
 Concen: 0.326 ug/l
 RT: 13.943 min Scan# 4457
 Delta R.T. 0.000 min
 Lab File: VN069488.D
 Acq: 15 Nov 2021 13:08

Tgt Ion: 91 Resp: 14059

Ion	Ratio	Lower	Upper
91	100		
92	49.4	25.4	76.0
134	25.9	13.6	40.8





#91

1,2-Dichlorobenzene

Concen: 0.251 ug/l

RT: 13.994 min Scan# 4476

Delta R.T. 0.005 min

Lab File: VN069488.D

Acq: 15 Nov 2021 13:08

Instrument :

MSVOA_N

ClientSampleId :

MF-WATER-COMP

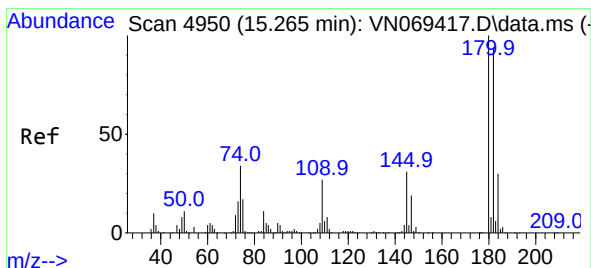
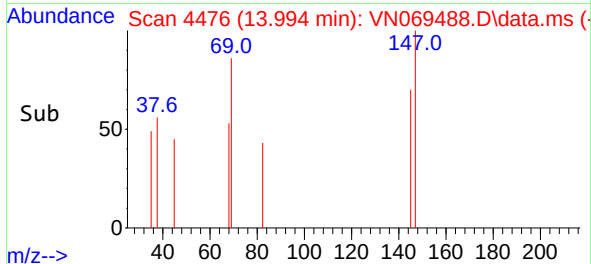
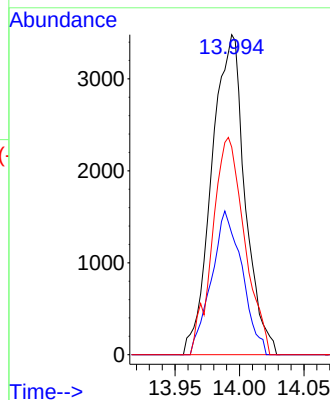
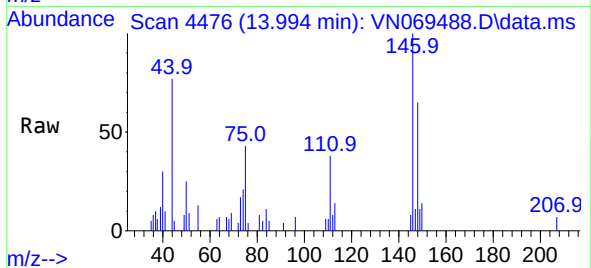
Tgt Ion:146 Resp: 6232

Ion Ratio Lower Upper

146 100

111 41.5 19.1 57.3

148 65.9 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 3.889 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069488.D

Acq: 15 Nov 2021 13:08

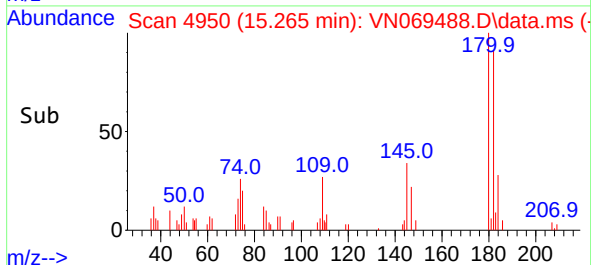
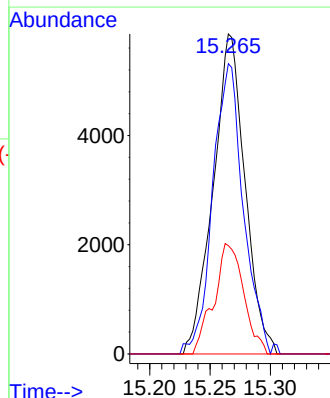
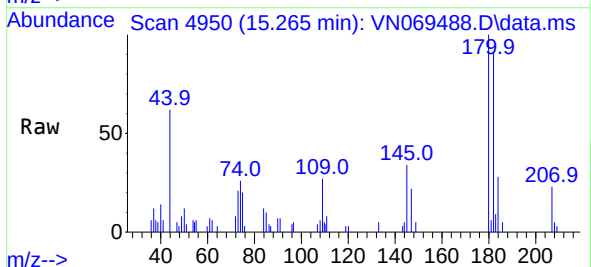
Tgt Ion:180 Resp: 10764

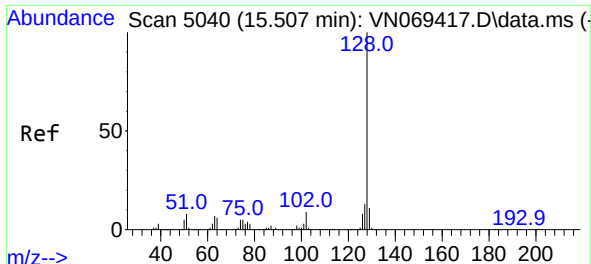
Ion Ratio Lower Upper

180 100

182 86.9 48.3 144.9

145 32.2 14.5 43.5

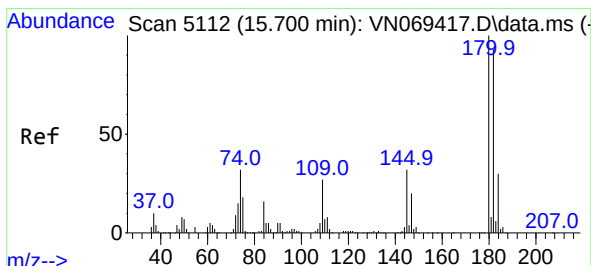
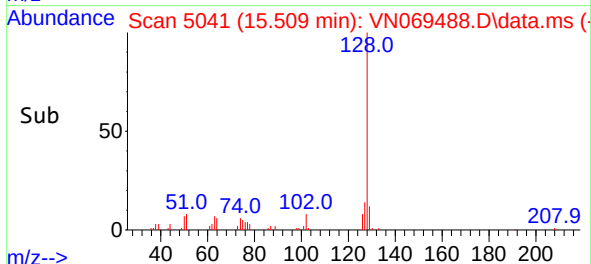
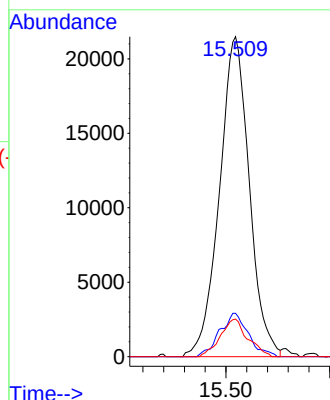
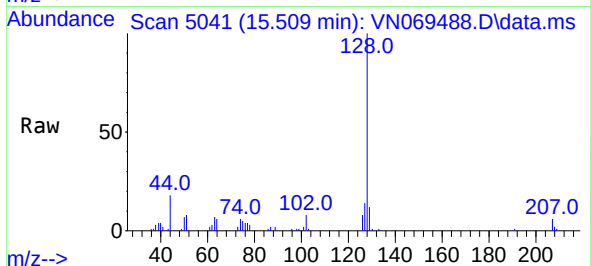




#95
Naphthalene
Concen: 5.515 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Instrument :
MSVOA_N
ClientSampleId :
MF-WATER-COMP

Tgt Ion:	128	Resp:	42851
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.088 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069488.D
Acq: 15 Nov 2021 13:08

Tgt Ion:	180	Resp:	12200
Ion Ratio	Lower	Upper	
180	100		
182	101.6	47.4	142.2
145	13.9	15.0	45.1#

