

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066908.D
 Acq On : 30 Apr 2021 14:30
 Operator : JC/MD
 Sample : M2204-05 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ANTIFREEZE-1906

Quant Time: May 01 01:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

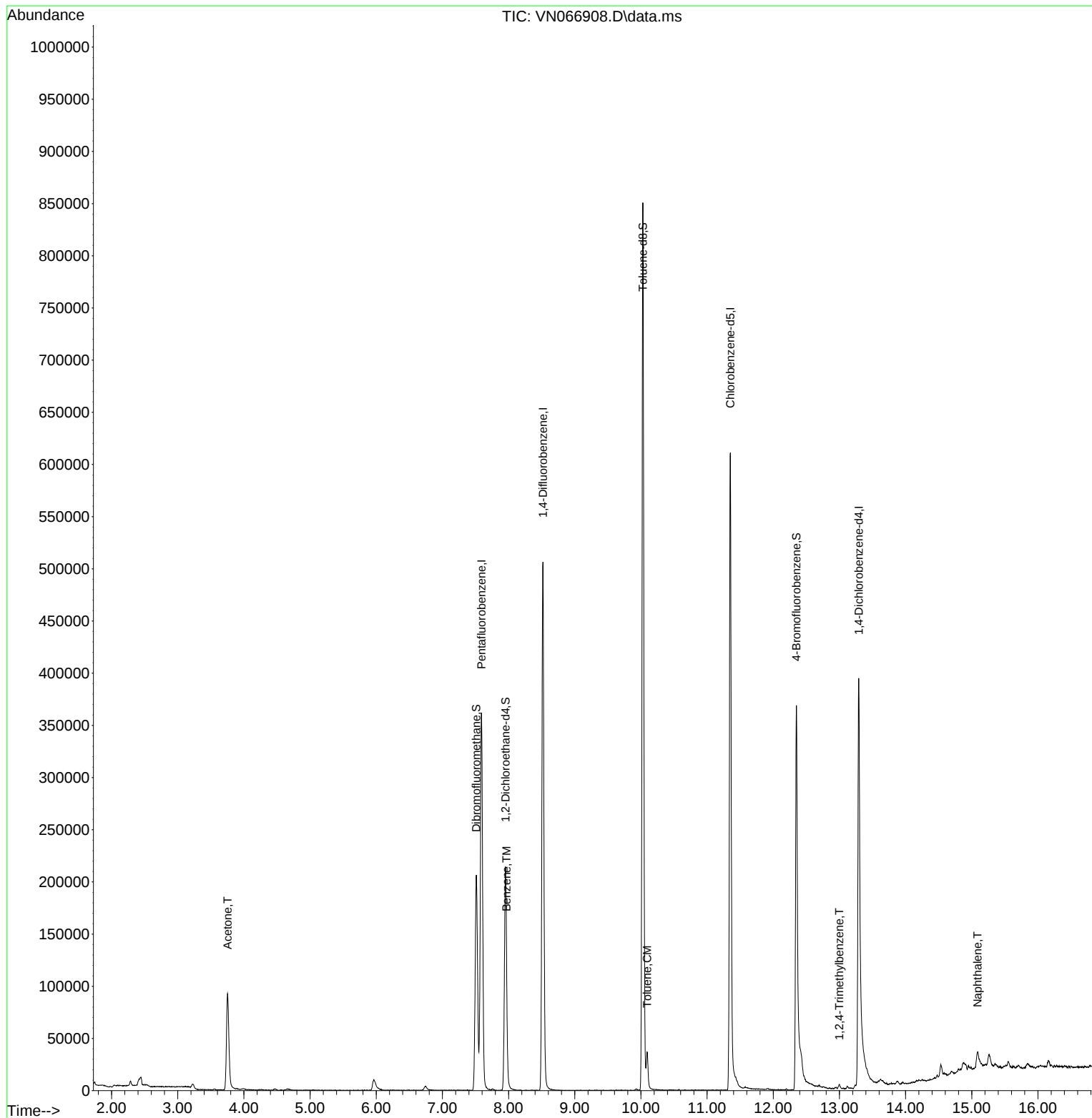
Internal Standards						
1) Pentafluorobenzene	7.591	168	335794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	492754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	430261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	183695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	182809	42.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.74%
35) Dibromofluoromethane	7.511	113	166768	54.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.66%
50) Toluene-d8	10.029	98	629414	52.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.44%
62) 4-Bromofluorobenzene	12.349	95	187724	46.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.94%
Target Compounds						
					Qvalue	
16) Acetone	3.753	43	155061	95.26	ug/l	95
40) Benzene	7.969	78	4789	0.34	ug/l	98
52) Toluene	10.096	92	14031	1.64	ug/l	99
84) 1,2,4-Trimethylbenzene	12.998	105	3048	0.28	ug/l	95
95) Naphthalene	15.087	128	24989	3.06	ug/l #	88

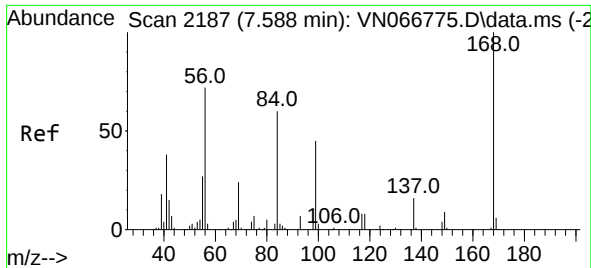
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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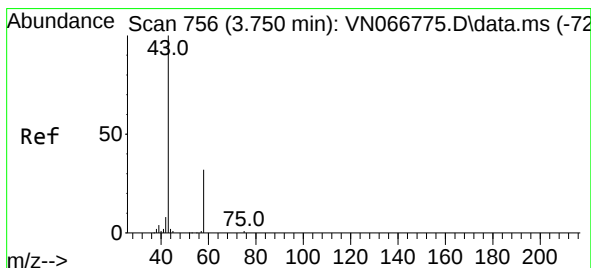
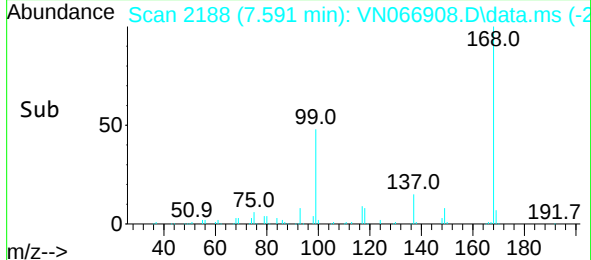
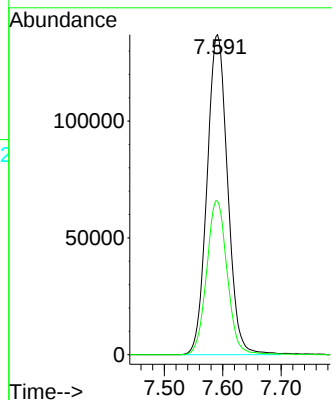
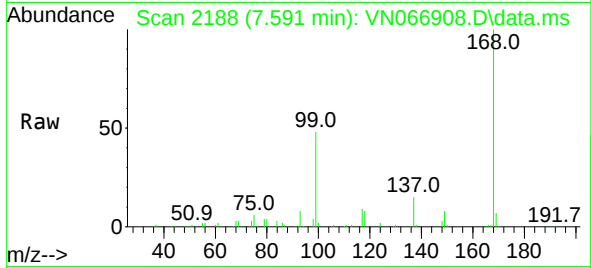




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

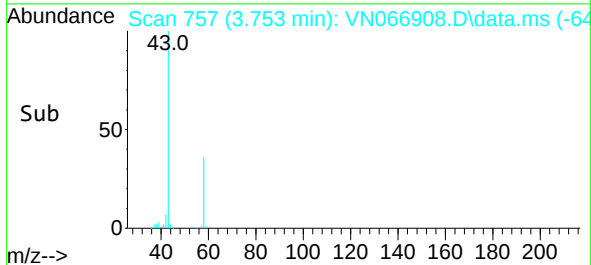
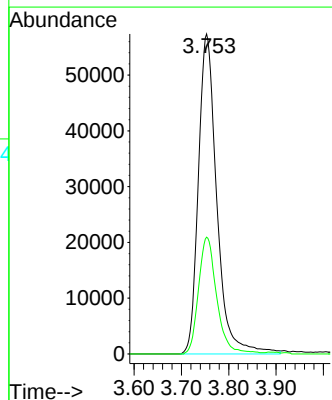
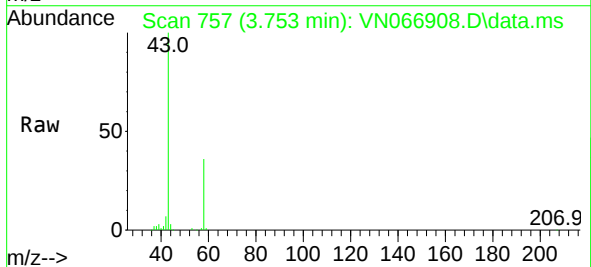
Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

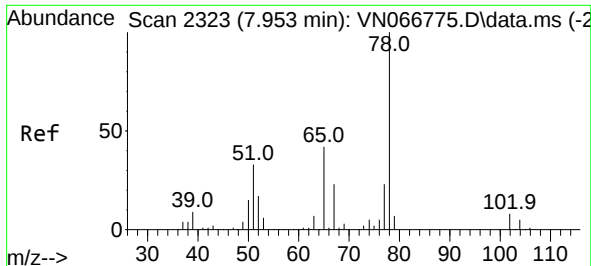
Tgt Ion:168 Resp: 335794
Ion Ratio Lower Upper
168 100
99 48.0 42.6 63.8



#16
Acetone
Concen: 95.26 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

Tgt Ion: 43 Resp: 155061
Ion Ratio Lower Upper
43 100
58 36.5 27.0 40.6





#33

1,2-Dichloroethane-d4

Concen: 42.37 ug/l

RT: 7.953 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN066908.D

Acq: 30 Apr 2021 14:30

Tgt Ion: 65 Resp: 182809

Ion Ratio Lower Upper

65 100

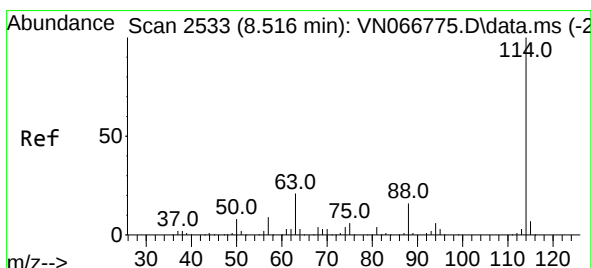
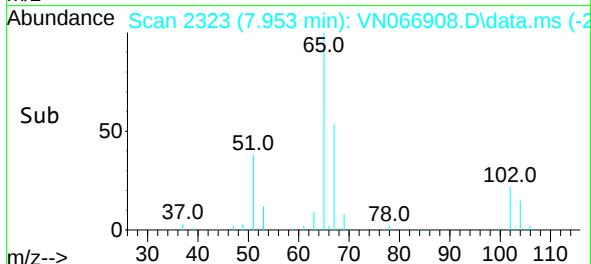
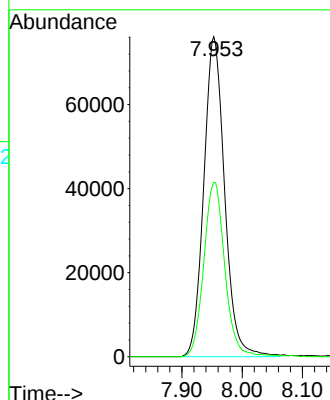
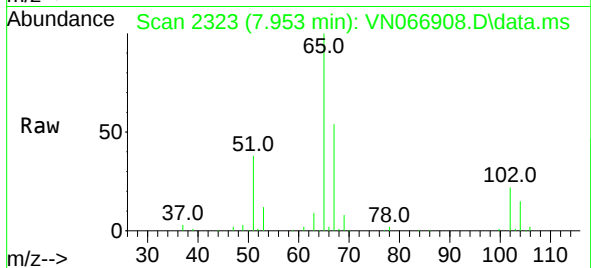
67 54.6 0.0 107.2

Instrument :

MSVOA_N

ClientSampleId :

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.519 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VN066908.D

Acq: 30 Apr 2021 14:30

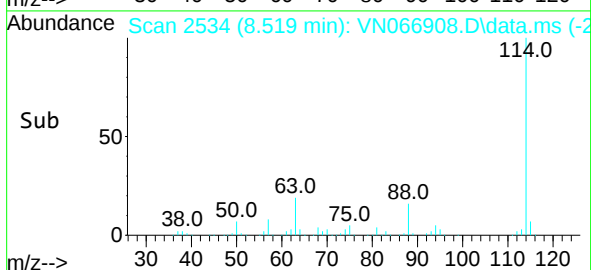
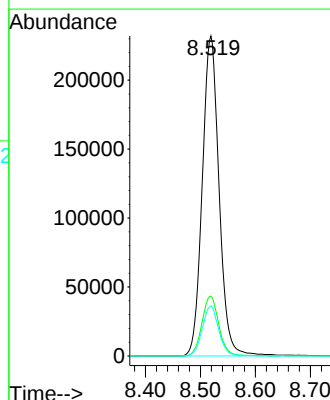
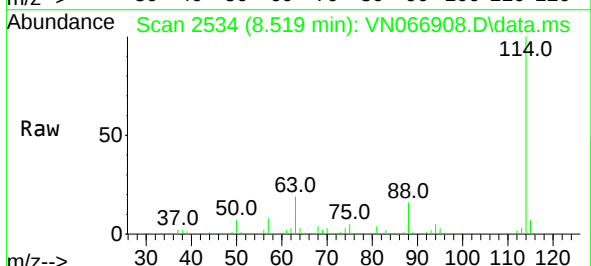
Tgt Ion: 114 Resp: 492754

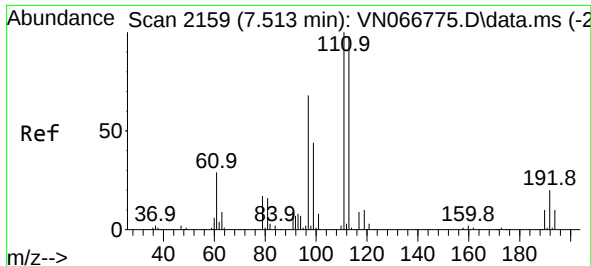
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

88 15.6 0.0 30.6

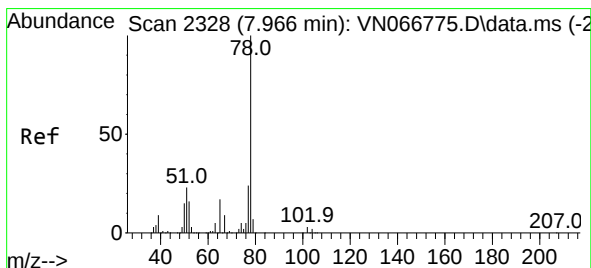
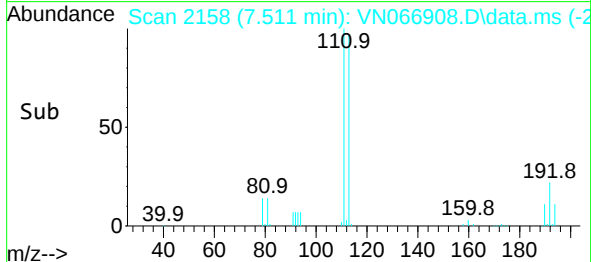
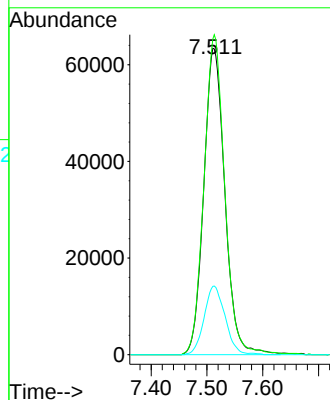
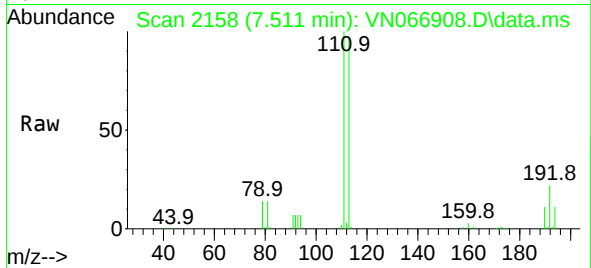




#35
Dibromofluoromethane
Concen: 54.83 ug/l
RT: 7.511 min Scan# 2158
Delta R.T. -0.002 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

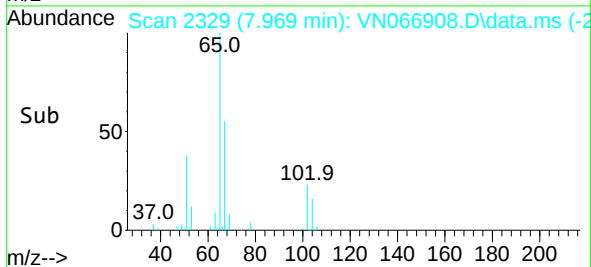
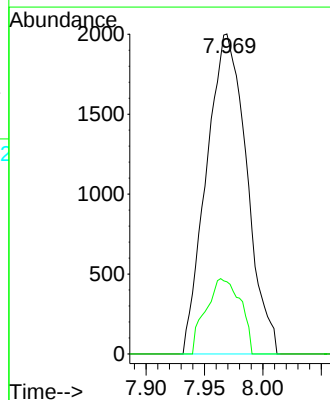
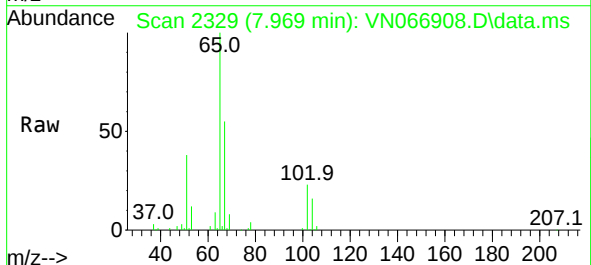
Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

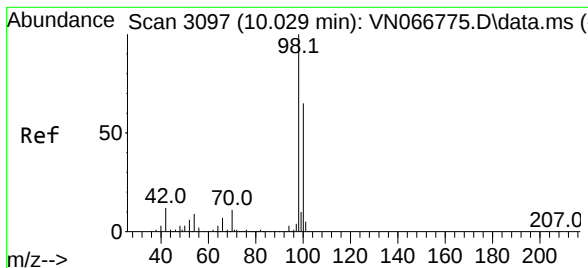
Tgt Ion:113 Resp: 166768
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.1 15.4 23.0



#40
Benzene
Concen: 0.34 ug/l
RT: 7.969 min Scan# 2329
Delta R.T. 0.003 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

Tgt Ion: 78 Resp: 4789
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

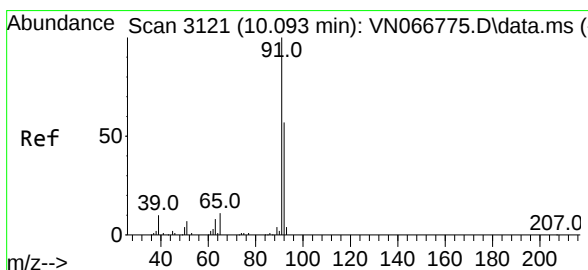
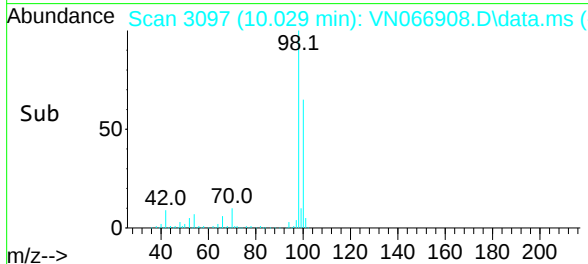
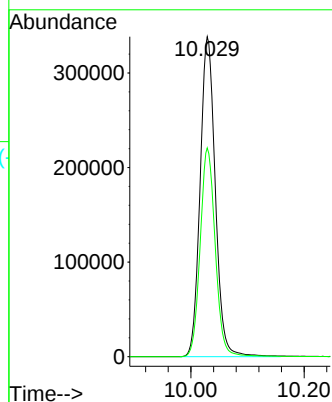
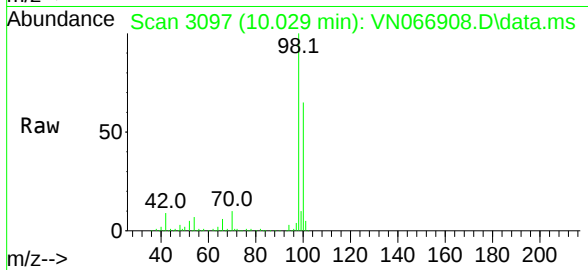




#50
Toluene-d8
Concen: 52.72 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

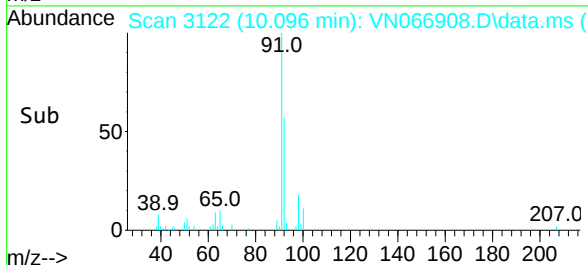
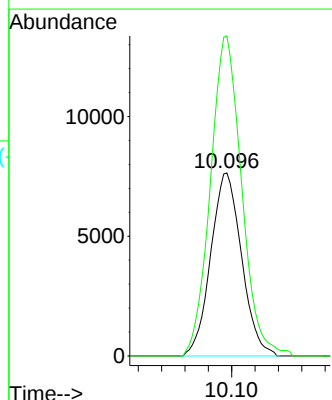
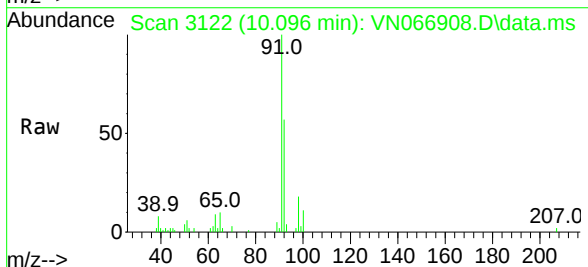
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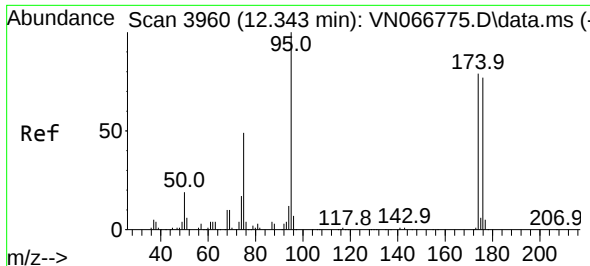
Tgt Ion: 98 Resp: 629414
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#52
Toluene
Concen: 1.64 ug/l
RT: 10.096 min Scan# 3122
Delta R.T. 0.003 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

Tgt Ion: 92 Resp: 14031
Ion Ratio Lower Upper
92 100
91 176.9 140.7 211.1

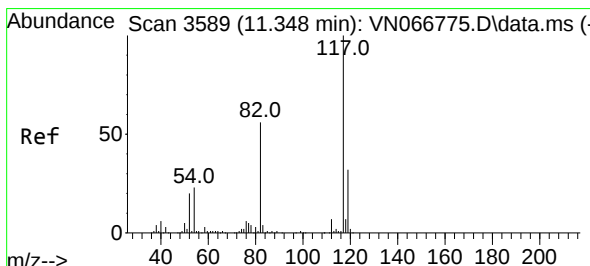
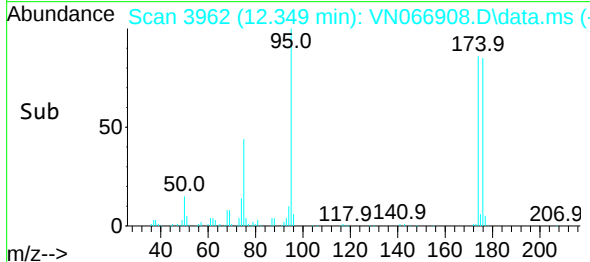
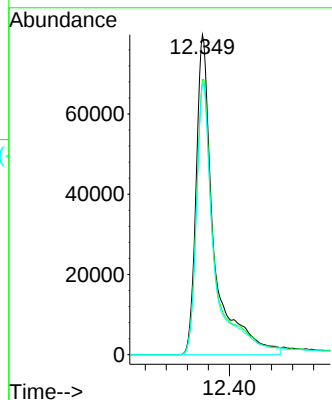
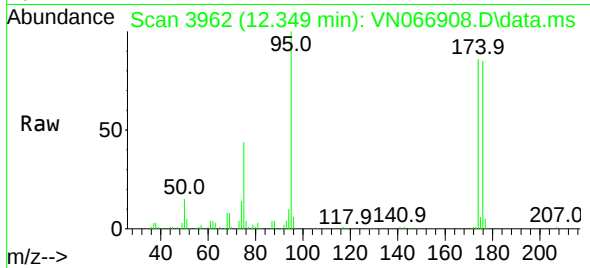




#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

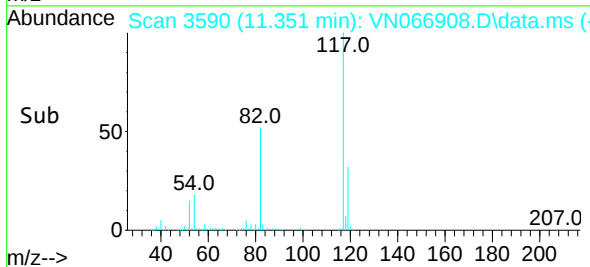
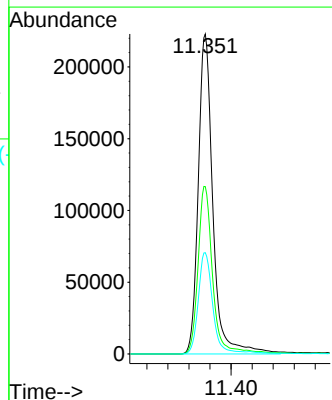
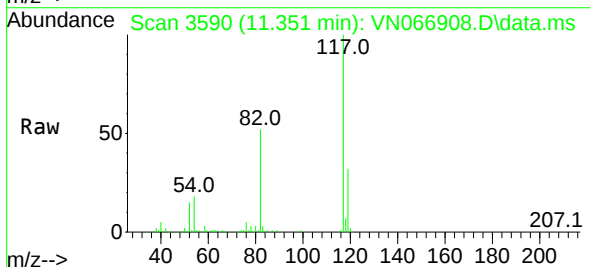
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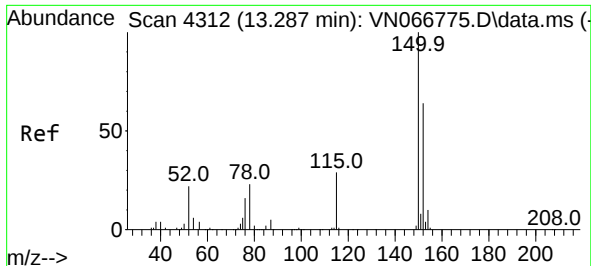
Tgt Ion: 95 Resp: 187724
Ion Ratio Lower Upper
95 100
174 87.7 0.0 169.0
176 84.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

Tgt Ion: 117 Resp: 430261
Ion Ratio Lower Upper
117 100
82 52.3 43.7 65.5
119 31.7 26.1 39.1

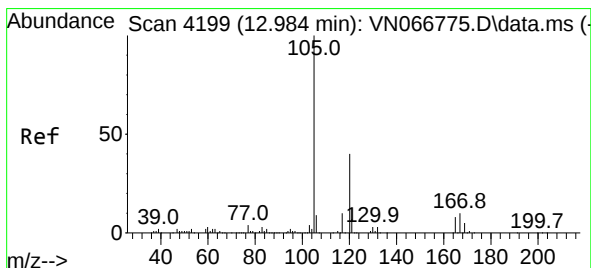
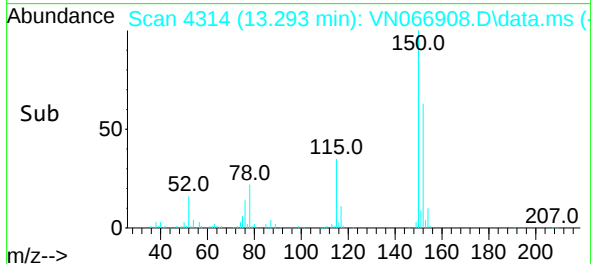
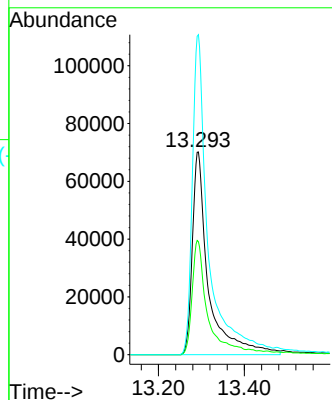
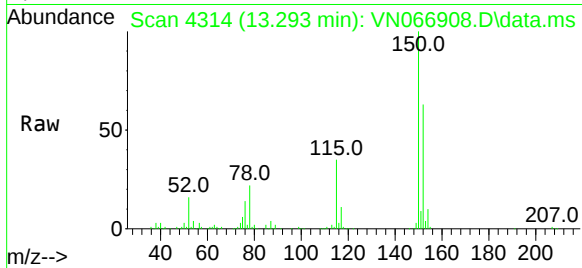




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066908.D
 Acq: 30 Apr 2021 14:30

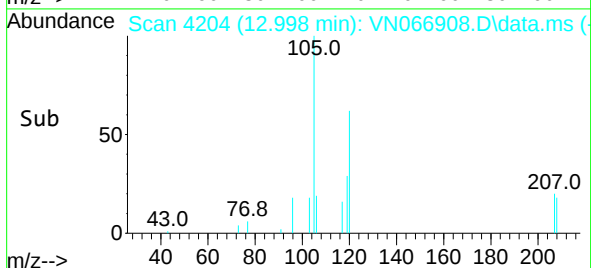
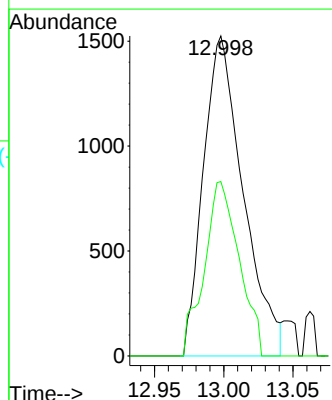
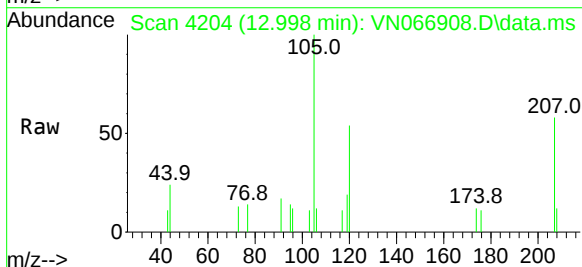
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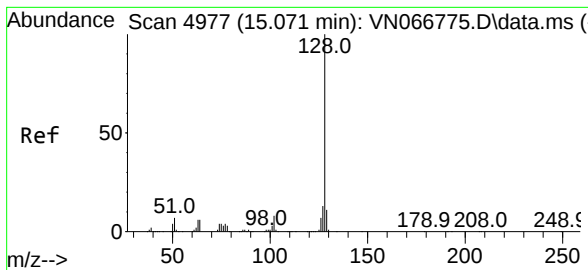
Tgt Ion:152 Resp: 183695
 Ion Ratio Lower Upper
 152 100
 115 52.7 28.5 85.6
 150 155.9 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 12.998 min Scan# 4204
 Delta R.T. 0.014 min
 Lab File: VN066908.D
 Acq: 30 Apr 2021 14:30

Tgt Ion:105 Resp: 3048
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.4 67.0





#95
Naphthalene
Concen: 3.06 ug/l
RT: 15.087 min Scan# 4983
Delta R.T. 0.016 min
Lab File: VN066908.D
Acq: 30 Apr 2021 14:30

Instrument :
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Tgt Ion:	128	Resp:	24989
Ion Ratio	Lower	Upper	
128	100		
127	4.4	10.2	15.2#
129	10.5	8.6	13.0

