

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073693.D
 Acq On : 02 Aug 2022 17:39
 Operator : JC\MD
 Sample : N3971-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-1

Quant Time: Aug 03 02:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

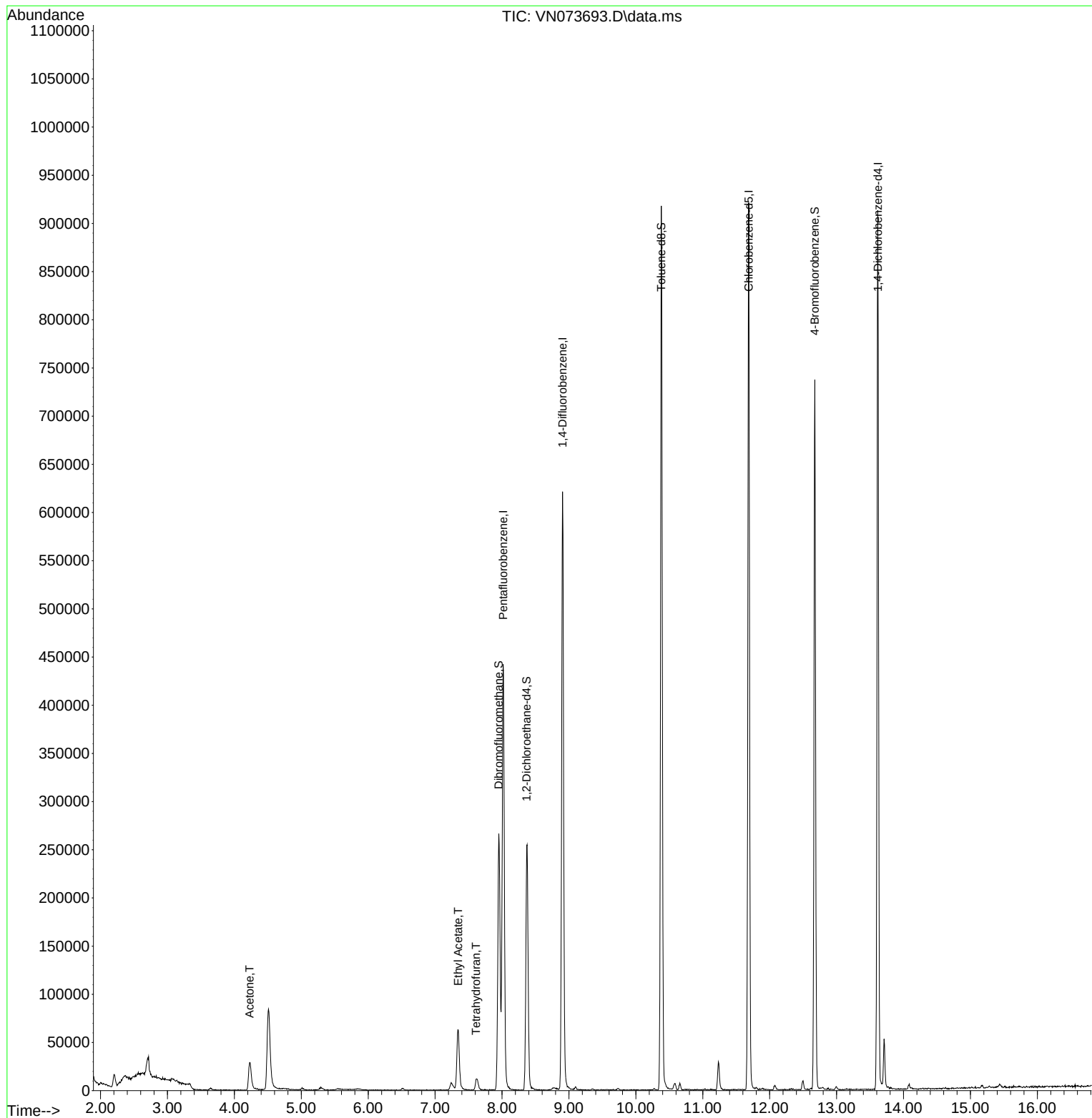
Internal Standards						
1) Pentafluorobenzene	8.016	168	355876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	565151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	547047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	255005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213435	49.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	7.951	113	197351	55.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.220%		
50) Toluene-d8	10.381	98	647376	46.357	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.720%		
62) 4-Bromofluorobenzene	12.675	95	239070	51.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.080%		
Target Compounds						Qvalue
16) Acetone	4.228	43	53923	23.149	ug/l	92
29) Tetrahydrofuran	7.610	42	9571	4.185	ug/l	98
37) Ethyl Acetate	7.345	43	101376	15.219	ug/l	99

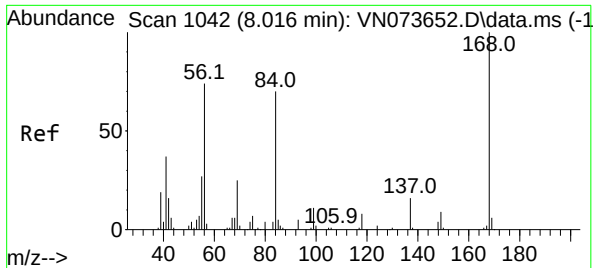
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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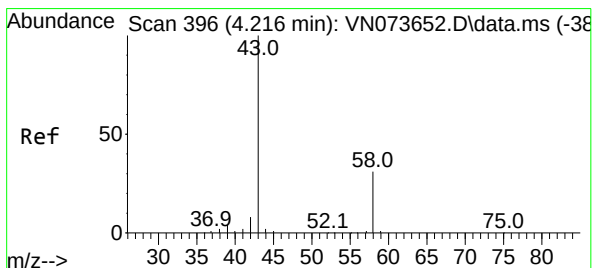
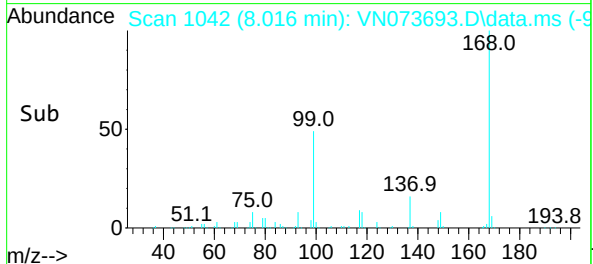
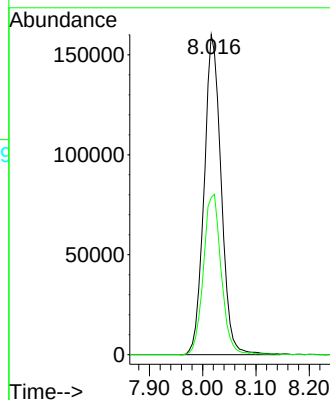
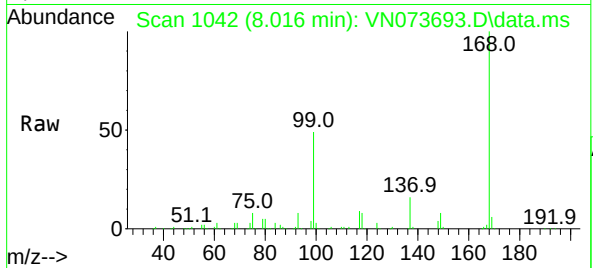




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073693.D
Acq: 02 Aug 2022 17:39

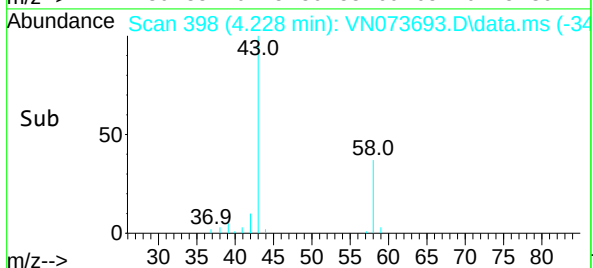
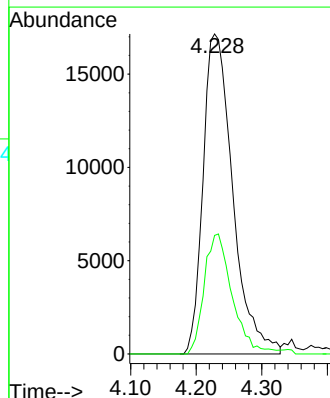
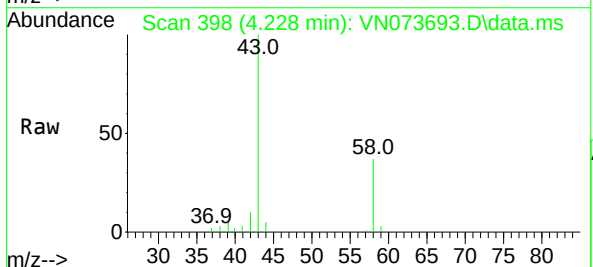
Instrument :
MSVOA_N
ClientSampleId :
GES-1

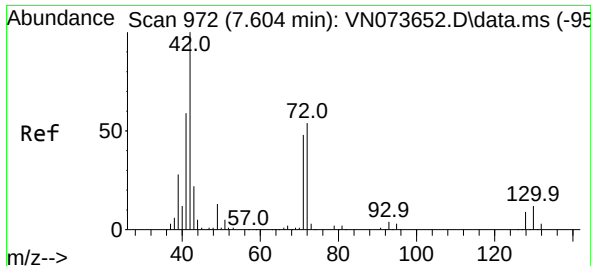
Tgt Ion:168 Resp: 355876
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#16
Acetone
Concen: 23.149 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073693.D
Acq: 02 Aug 2022 17:39

Tgt Ion: 43 Resp: 53923
Ion Ratio Lower Upper
43 100
58 37.0 26.0 39.0





#29

Tetrahydrofuran

Concen: 4.185 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073693.D

Acq: 02 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

GES-1

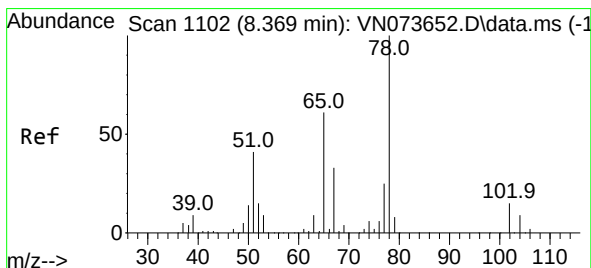
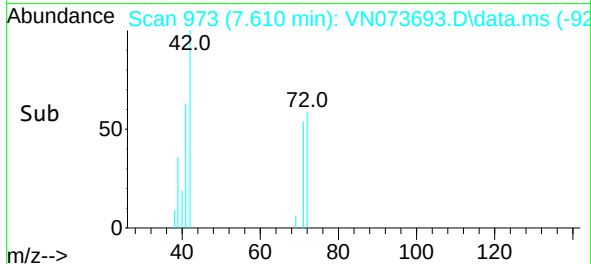
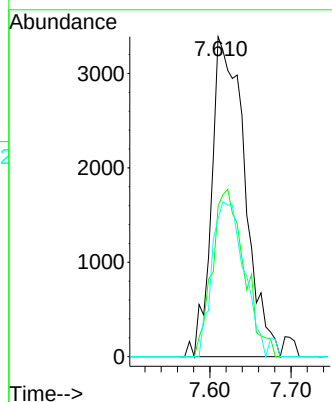
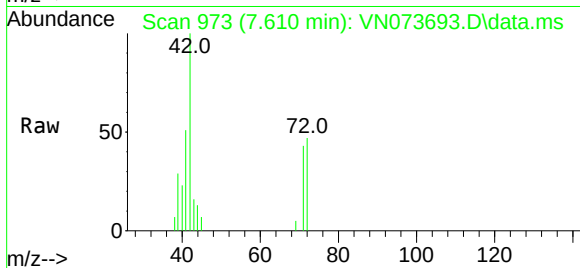
Tgt Ion: 42 Resp: 9571

Ion Ratio Lower Upper

42 100

72 50.8 39.7 59.5

71 46.9 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 49.213 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073693.D

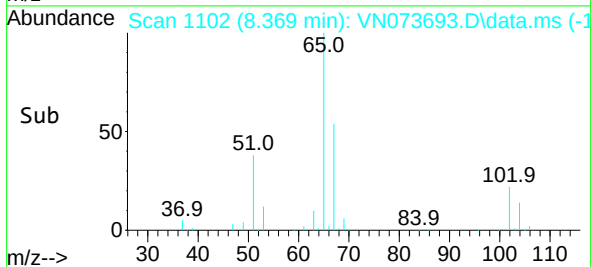
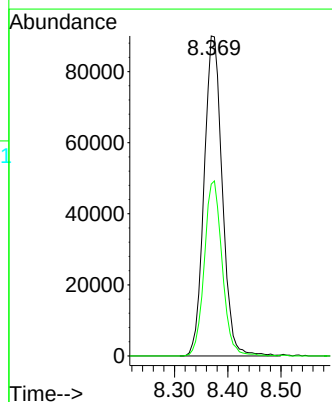
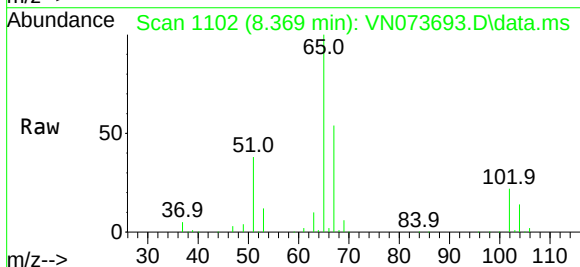
Acq: 02 Aug 2022 17:39

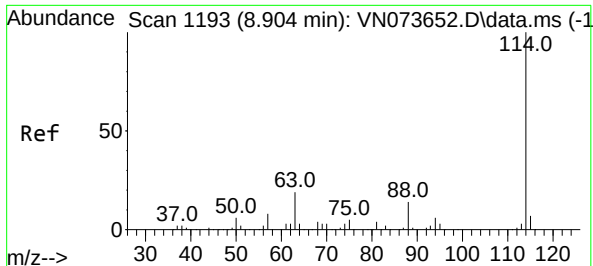
Tgt Ion: 65 Resp: 213435

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073693.D

Acq: 02 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

GES-1

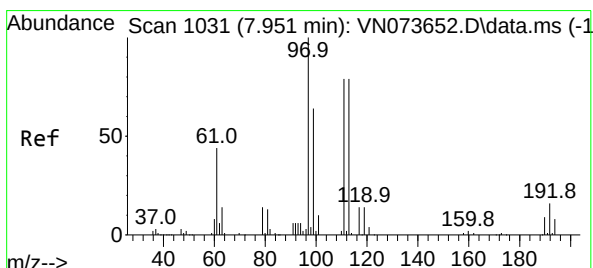
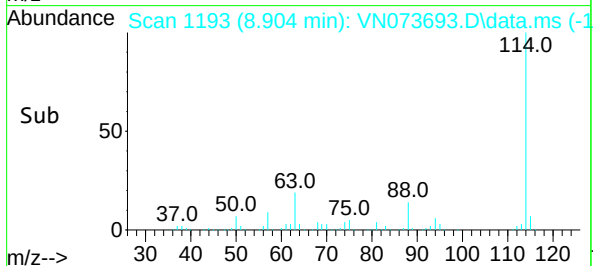
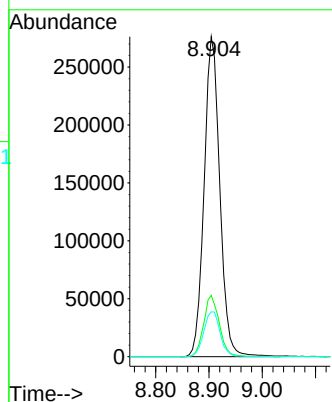
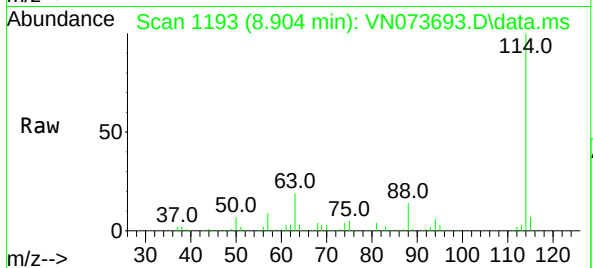
Tgt Ion:114 Resp: 565151

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.611 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073693.D

Acq: 02 Aug 2022 17:39

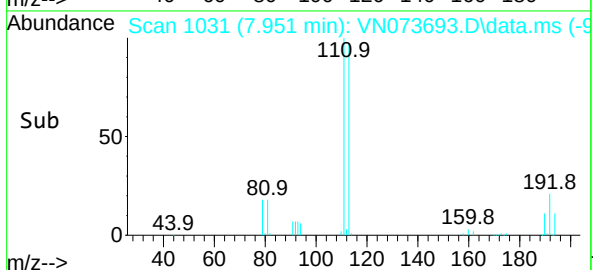
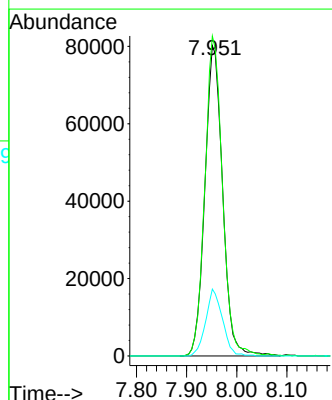
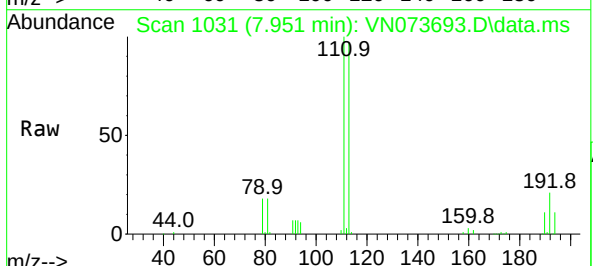
Tgt Ion:113 Resp: 197351

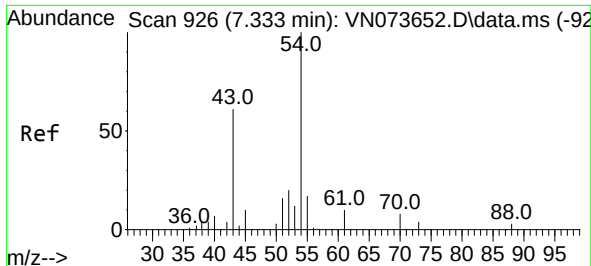
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 20.4 17.0 25.6

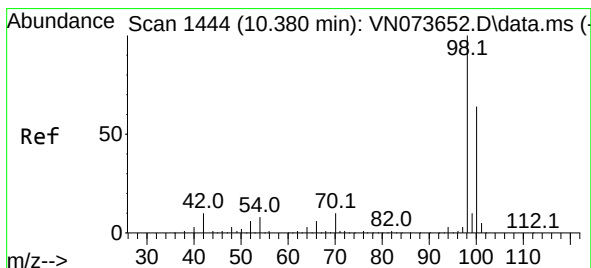
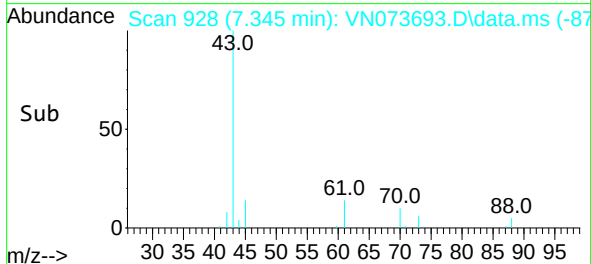
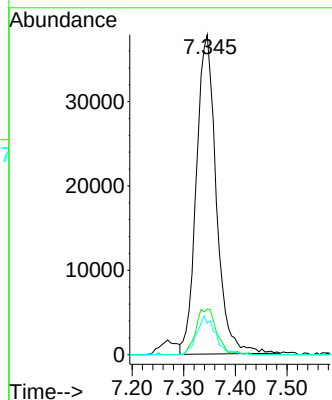
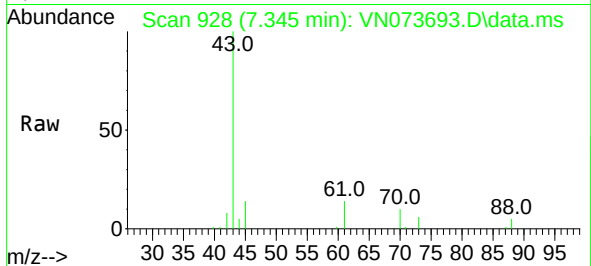




#37
Ethyl Acetate
Concen: 15.219 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073693.D
Acq: 02 Aug 2022 17:39

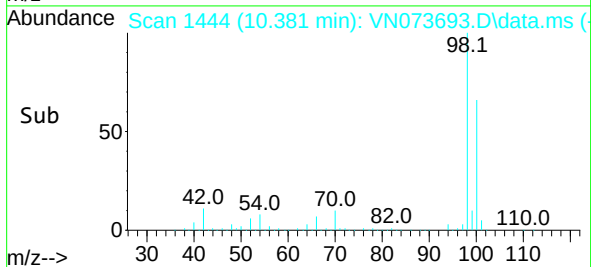
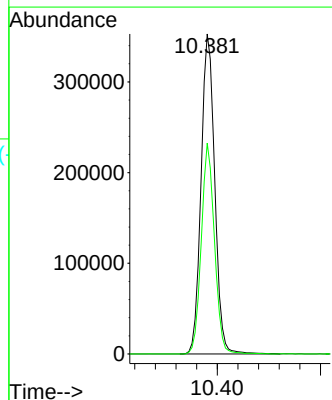
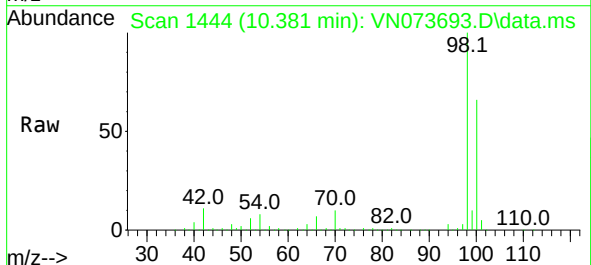
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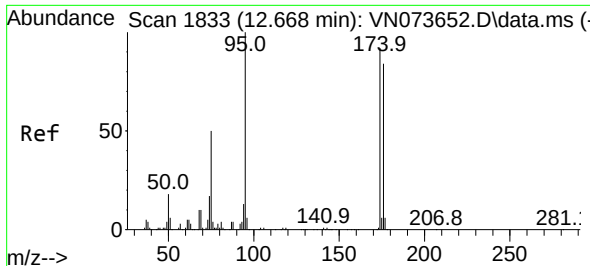
Tgt Ion: 43 Resp: 101376
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.5 9.3 13.9



#50
Toluene-d8
Concen: 46.357 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073693.D
Acq: 02 Aug 2022 17:39

Tgt Ion: 98 Resp: 647376
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8

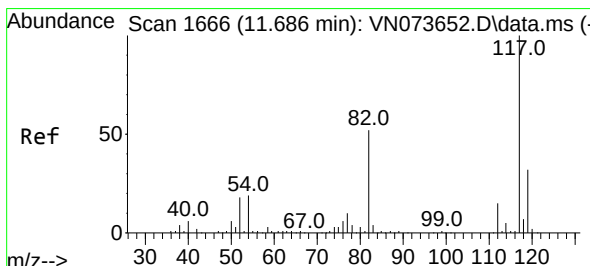
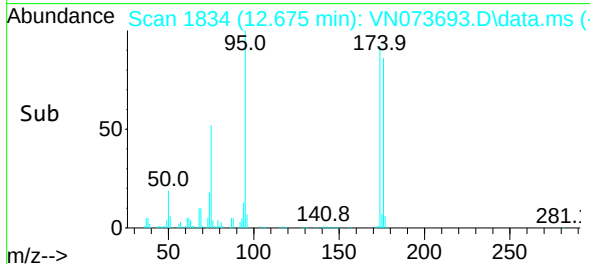
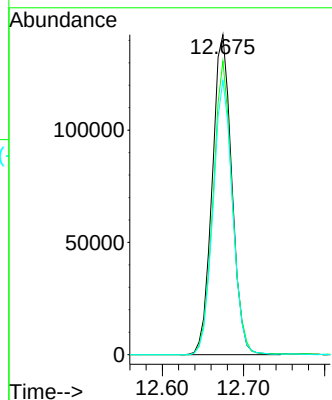
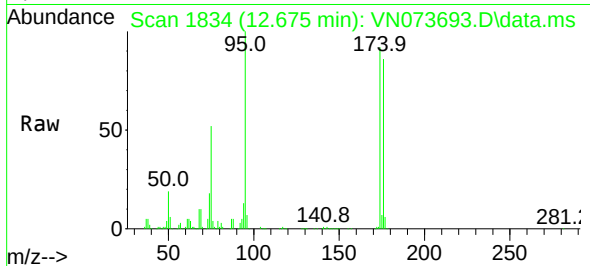




#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073693.D
Acq: 02 Aug 2022 17:39

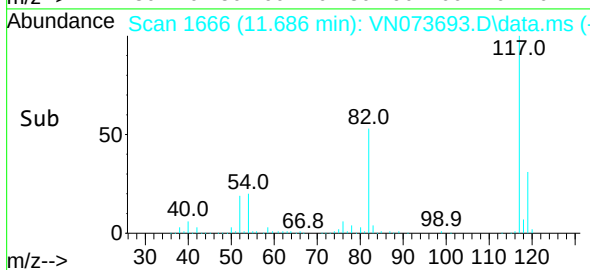
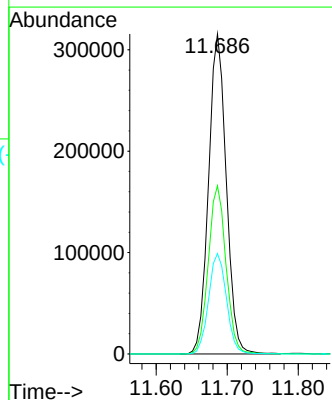
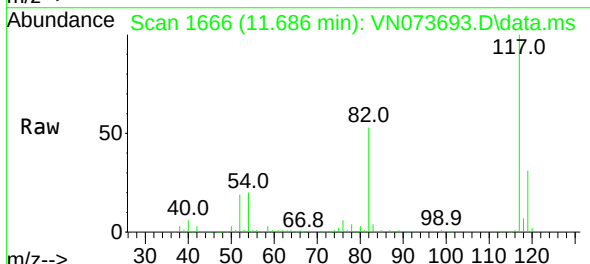
Instrument :
MSVOA_N
ClientSampleId :
GES-1

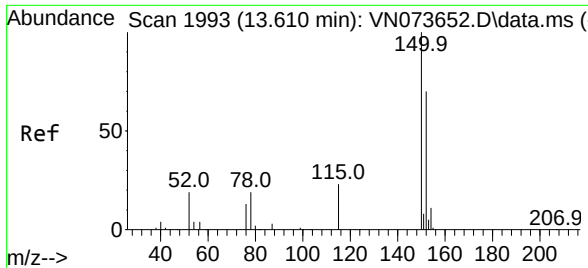
Tgt Ion: 95 Resp: 239070
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 85.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073693.D
Acq: 02 Aug 2022 17:39

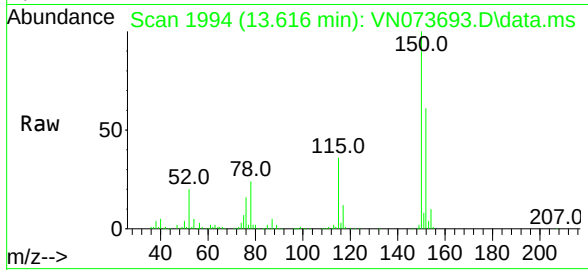
Tgt Ion: 117 Resp: 547047
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073693.D
 Acq: 02 Aug 2022 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-1



Tgt Ion:	152	Resp:	255005
Ion Ratio	Lower	Upper	
152	100		
115	56.5	28.9	86.7
150	157.1	0.0	356.2

