

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073670.D
 Acq On : 01 Aug 2022 19:24
 Operator : JC\MD
 Sample : N3988-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 63022-A

Quant Time: Aug 02 05:05:21 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)

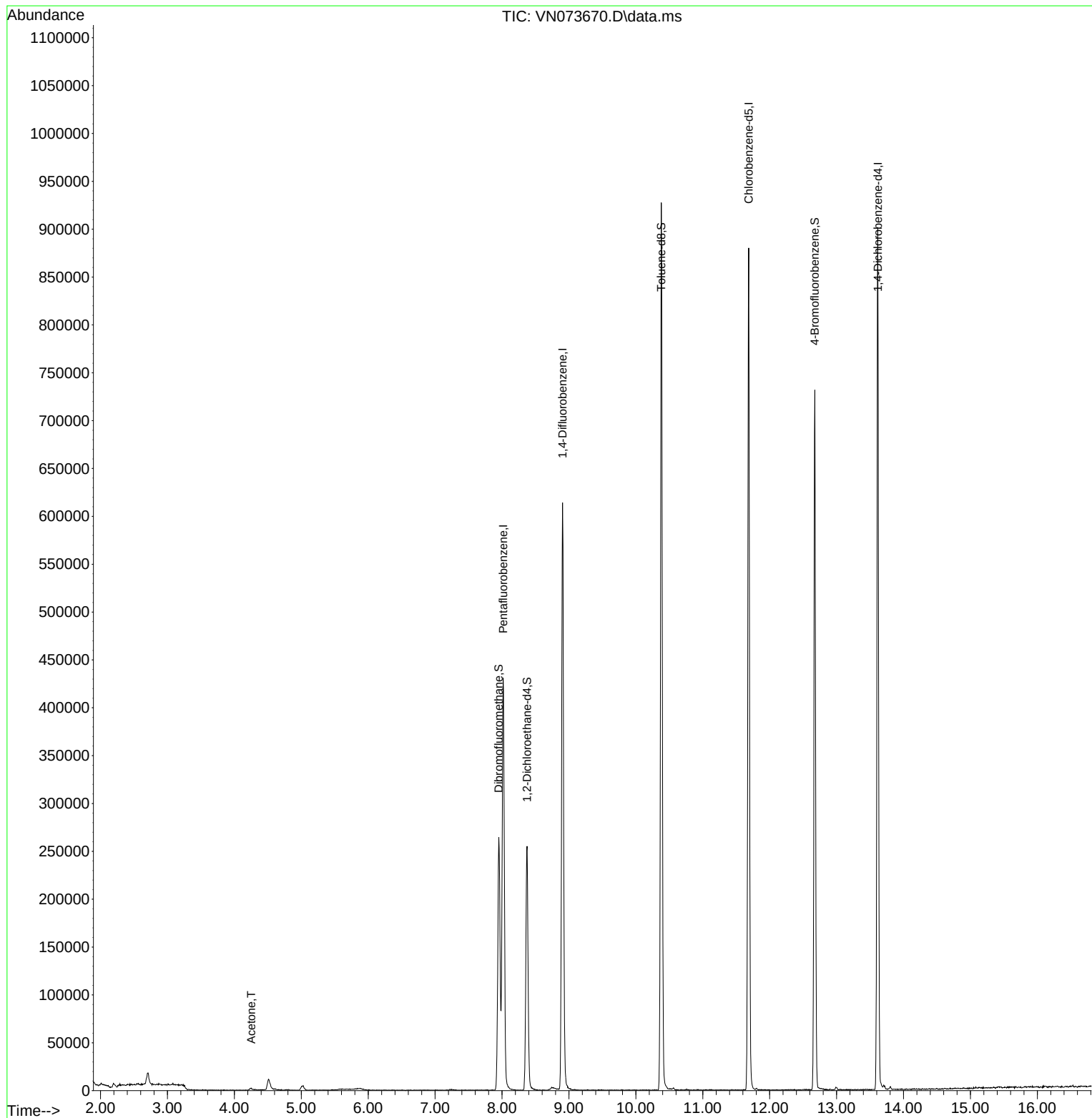
Internal Standards						
1) Pentafluorobenzene	8.016	168	346466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	561908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	526898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	253366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	210217	49.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.580%
35) Dibromofluoromethane	7.951	113	196071	55.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.140%
50) Toluene-d8	10.381	98	649601	46.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.675	95	235020	50.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.100%
Target Compounds						
16) Acetone	4.252	43	3829	1.688	ug/l	95

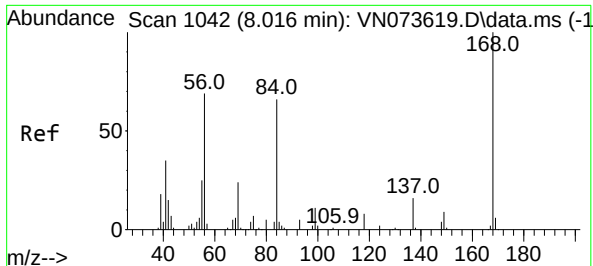
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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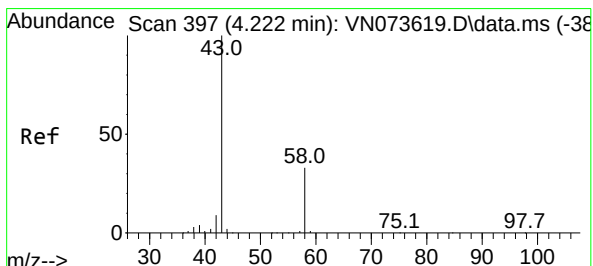
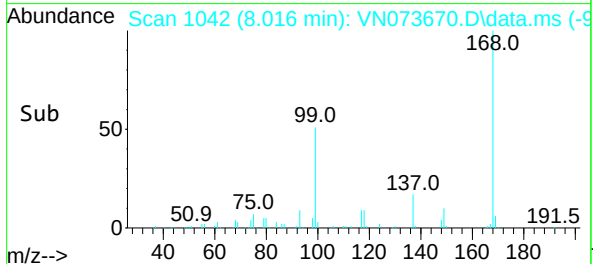
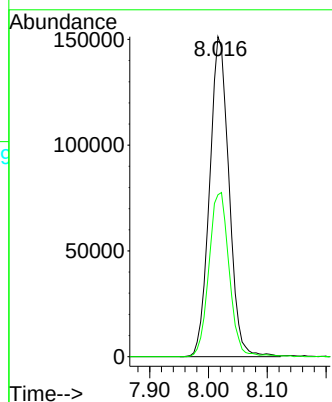
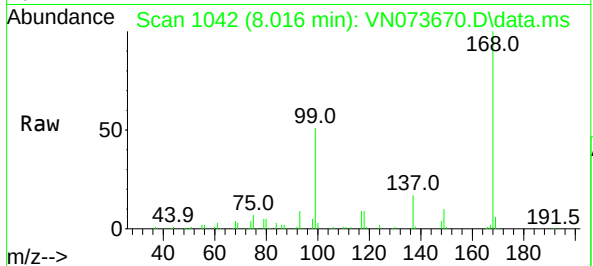




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073670.D
Acq: 01 Aug 2022 19:24

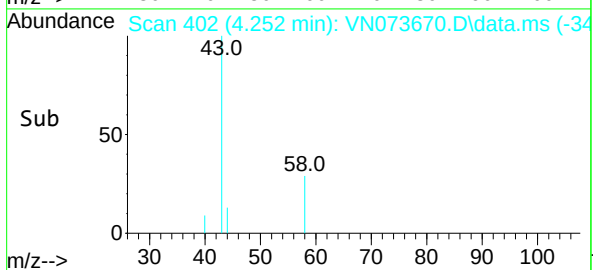
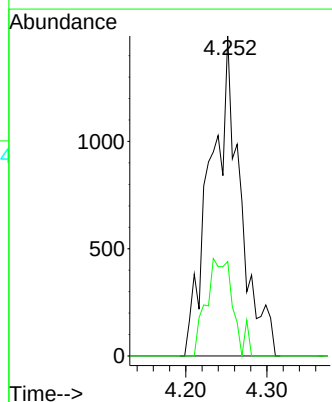
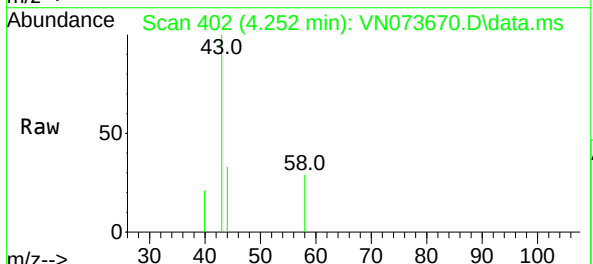
Instrument :
MSVOA_N
ClientSampleId :
63022-A

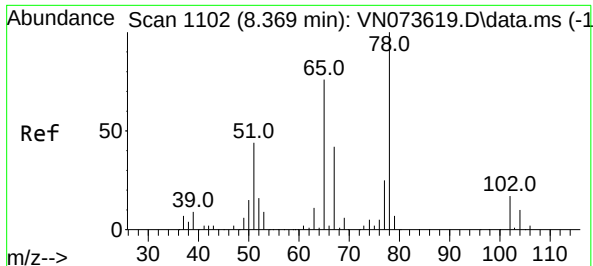
Tgt Ion:168 Resp: 346466
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#16
Acetone
Concen: 1.688 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.030 min
Lab File: VN073670.D
Acq: 01 Aug 2022 19:24

Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 49.788 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073670.D

Acq: 01 Aug 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

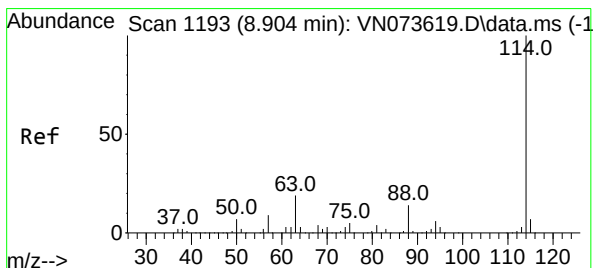
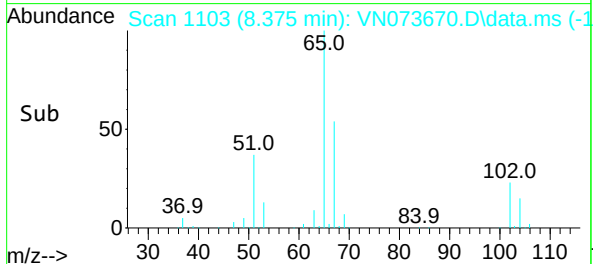
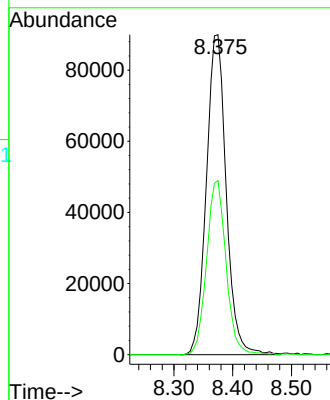
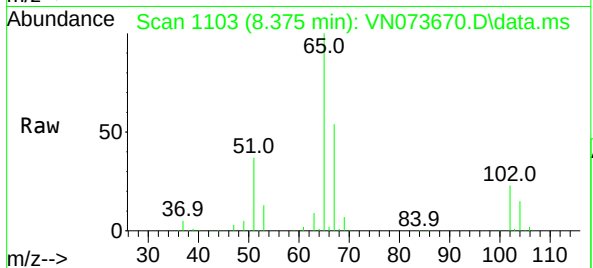
63022-A

Tgt Ion: 65 Resp: 210217

Ion Ratio Lower Upper

65 100

67 53.5 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: VN073670.D

Acq: 01 Aug 2022 19:24

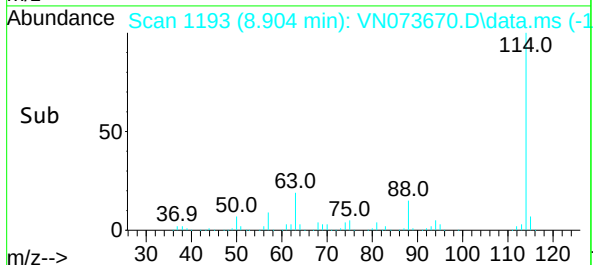
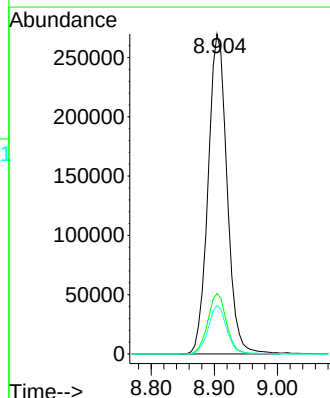
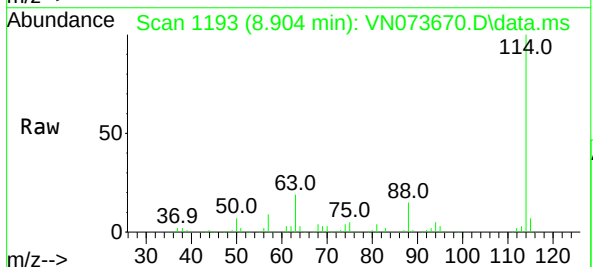
Tgt Ion: 114 Resp: 561908

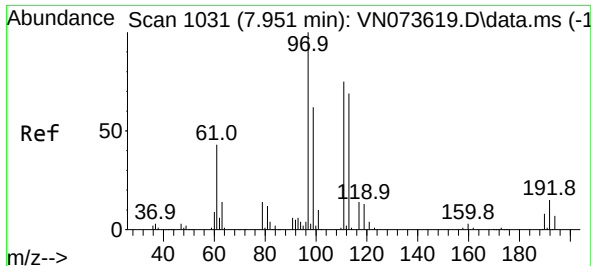
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.569 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073670.D

Acq: 01 Aug 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

63022-A

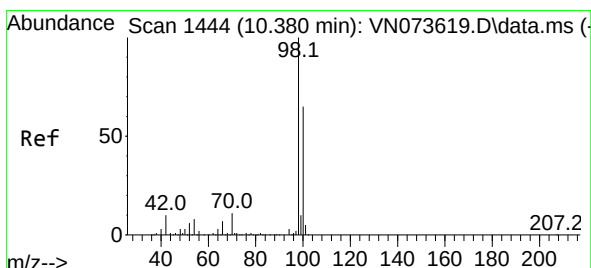
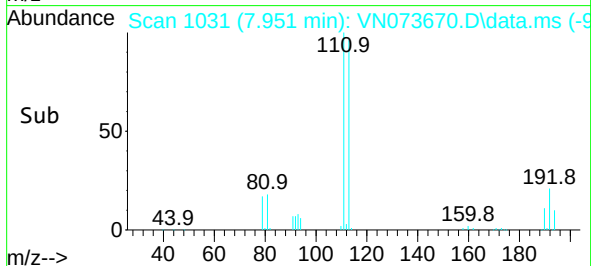
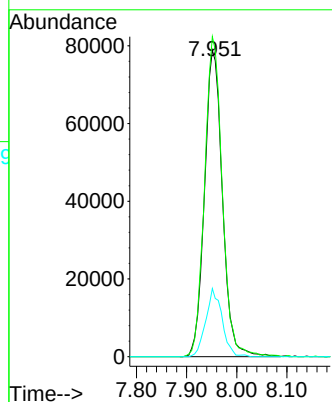
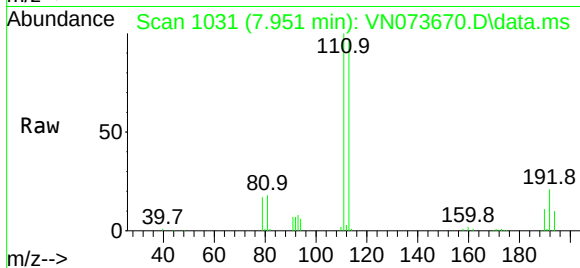
Tgt Ion:113 Resp: 196071

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 20.0 17.0 25.6



#50

Toluene-d8

Concen: 46.785 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073670.D

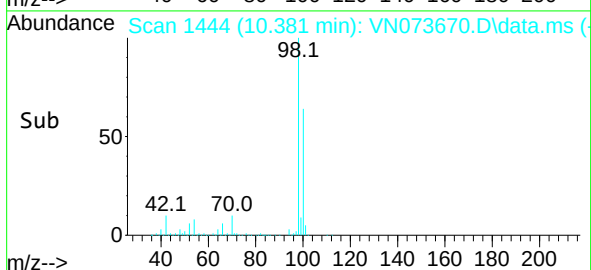
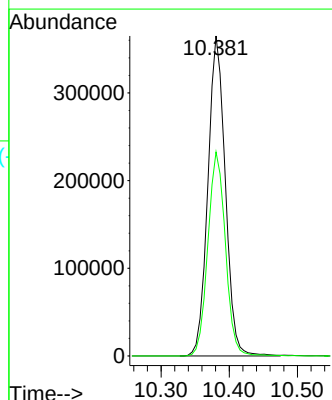
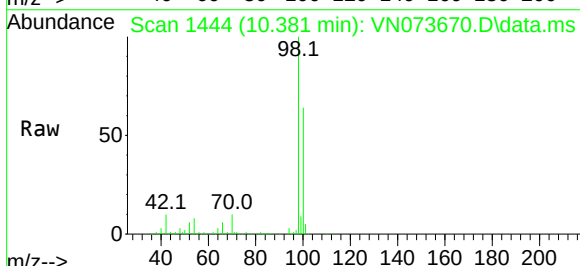
Acq: 01 Aug 2022 19:24

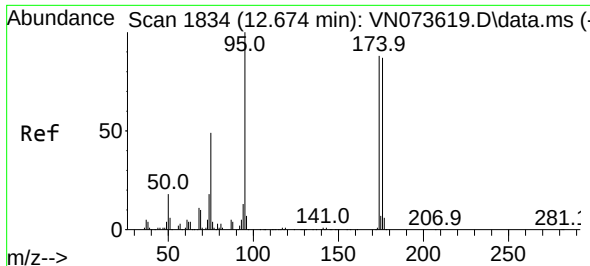
Tgt Ion: 98 Resp: 649601

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

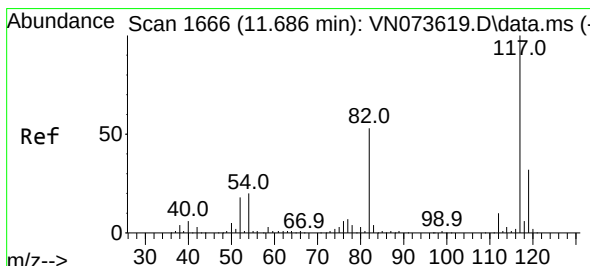
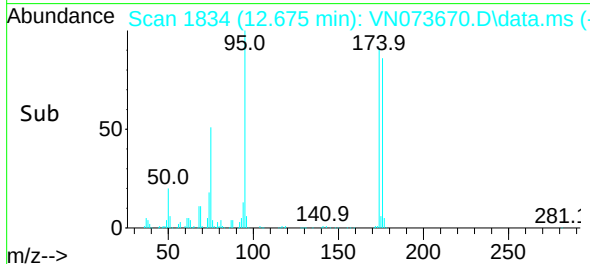
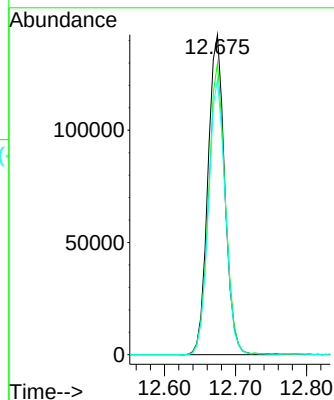
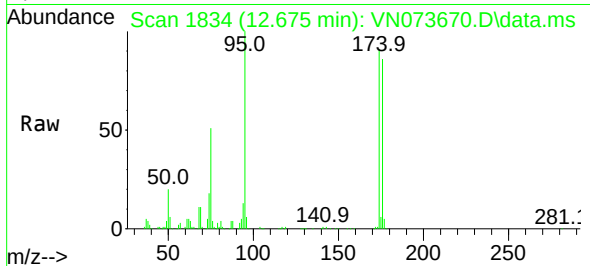




#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073670.D
Acq: 01 Aug 2022 19:24

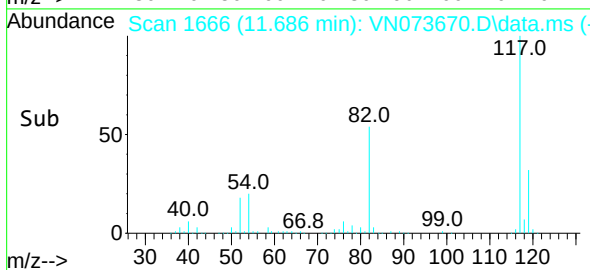
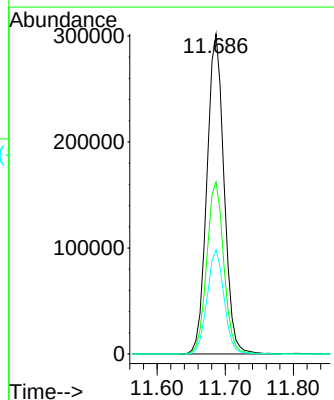
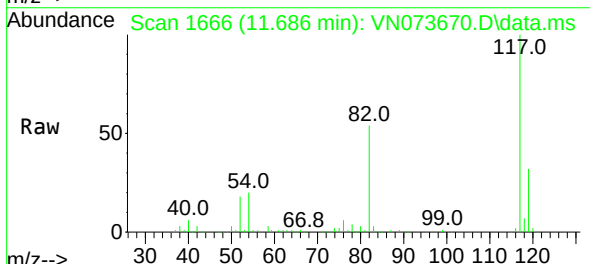
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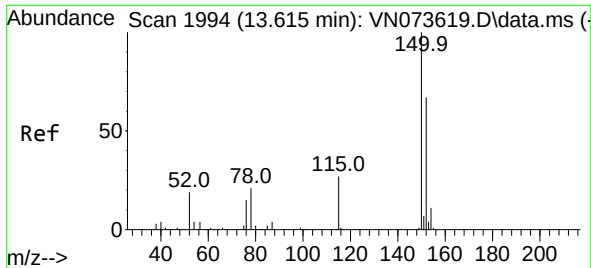
Tgt Ion: 95 Resp: 235020
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 86.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073670.D
Acq: 01 Aug 2022 19:24

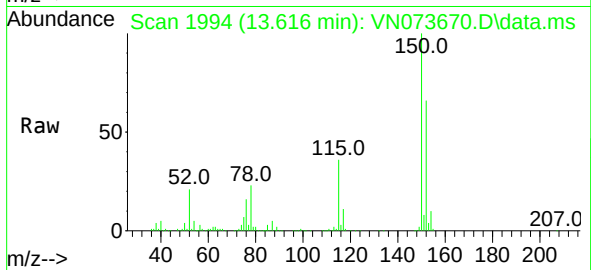
Tgt Ion: 117 Resp: 526898
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073670.D
 Acq: 01 Aug 2022 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 63022-A



Tgt Ion:	152	Resp:	253366
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.9	86.7
150	156.9	0.0	356.2

