

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073661.D
 Acq On : 01 Aug 2022 15:43
 Operator : JC\MD
 Sample : N3814-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Aug 02 05:02:17 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	8.022	168	361500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	583476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	551519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	257957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	215036	48.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.620%
35) Dibromofluoromethane	7.957	113	201209	54.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.840%
50) Toluene-d8	10.380	98	657529	45.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.674	95	242464	50.281	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.560%

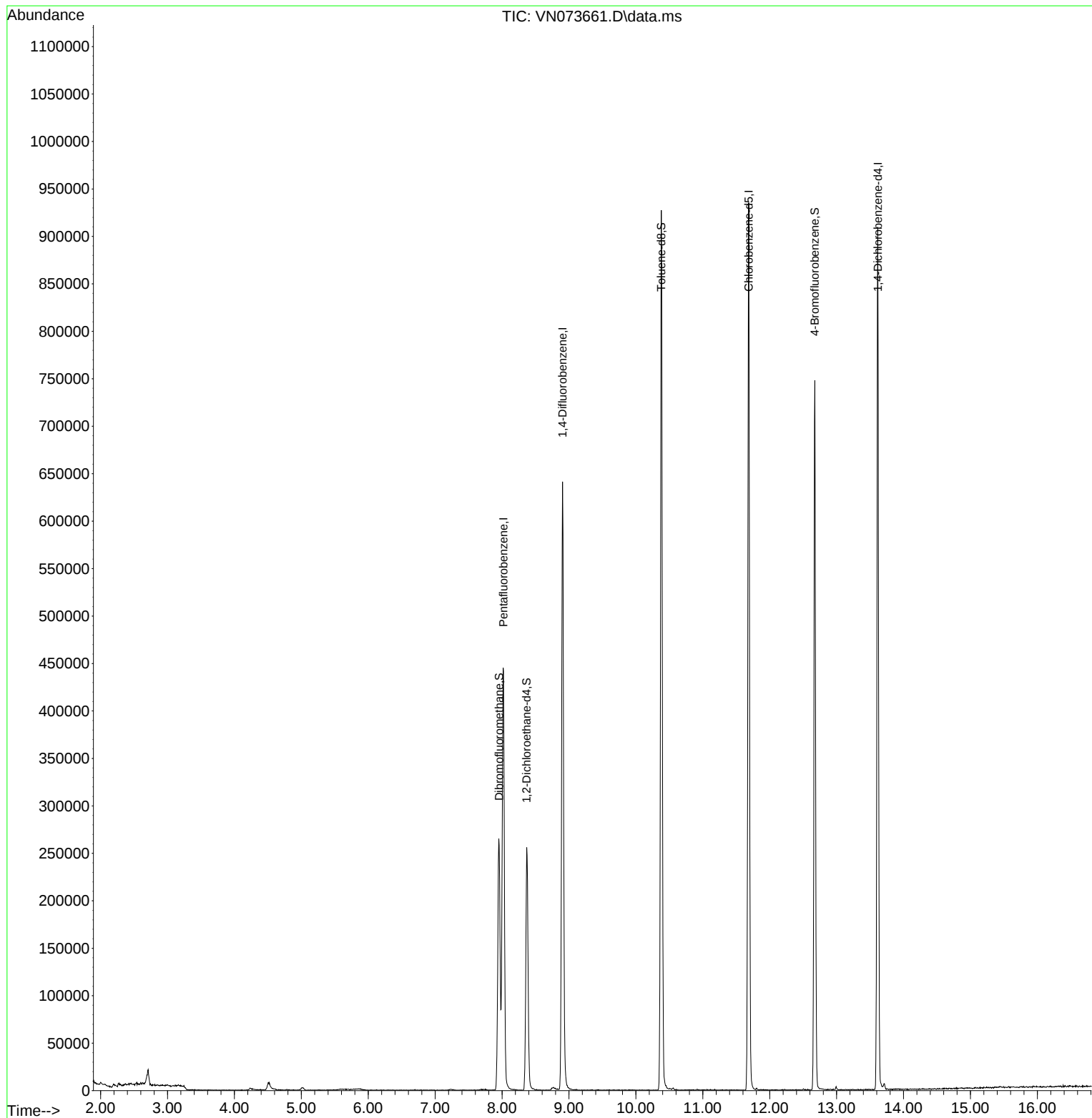
Target Compounds	Qvalue

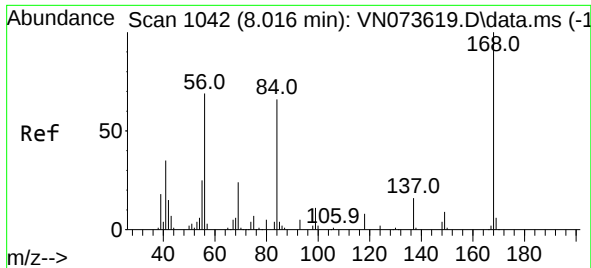
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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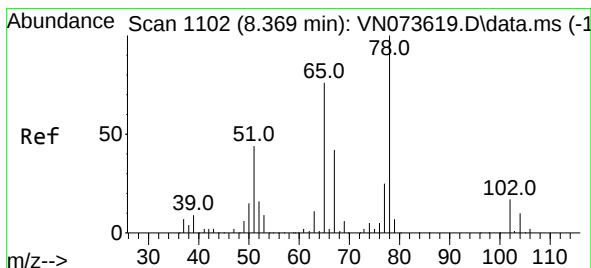
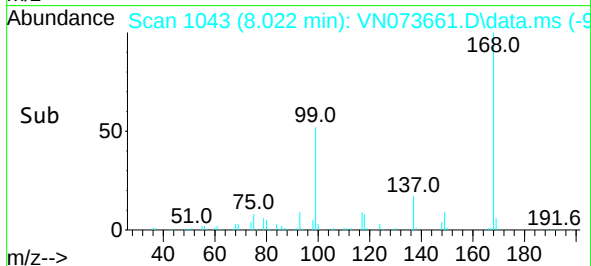
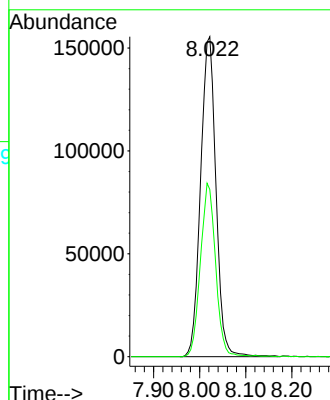
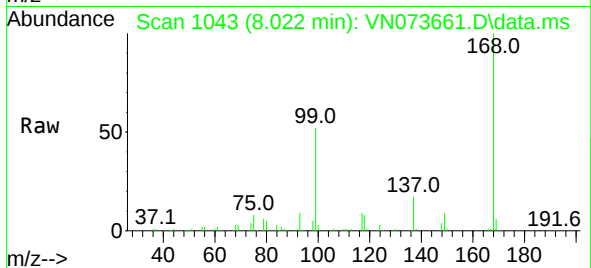




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

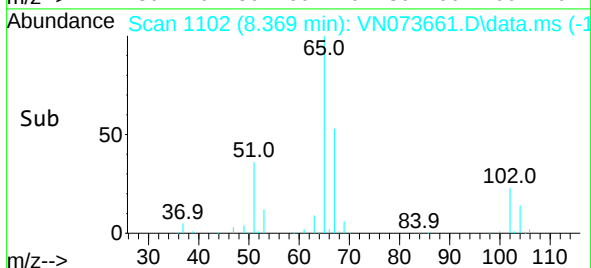
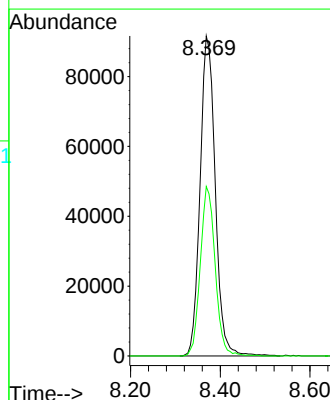
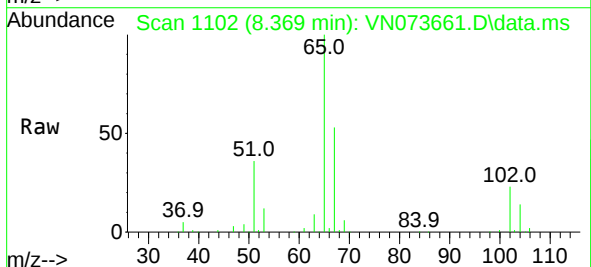
Instrument :
MSVOA_N
ClientSampleId :
TB

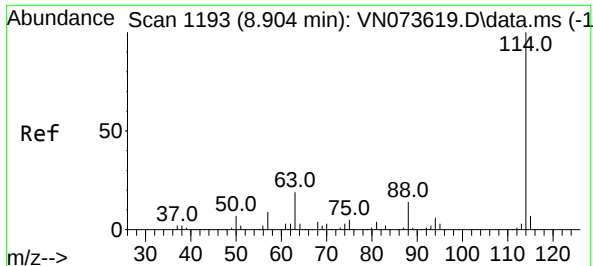
Tgt Ion:168 Resp: 361500
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.811 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 65 Resp: 215036
Ion Ratio Lower Upper
65 100
67 52.0 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: VN073661.D

Acq: 01 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

TB

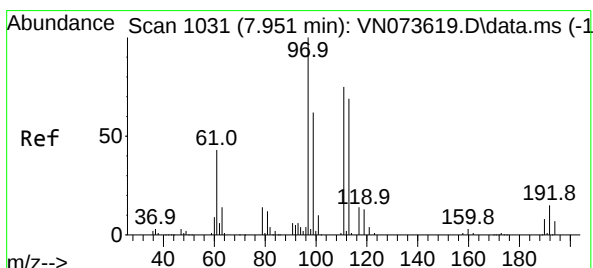
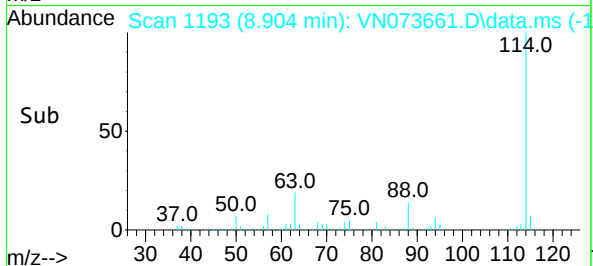
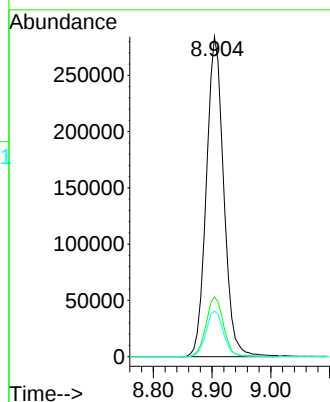
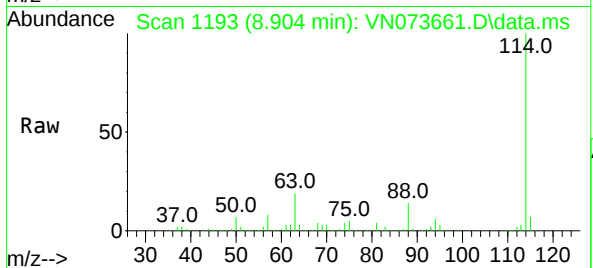
Tgt Ion:114 Resp: 583476

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.917 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

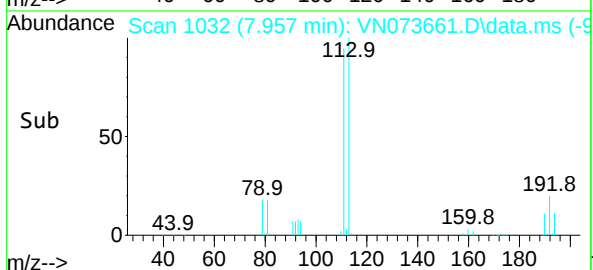
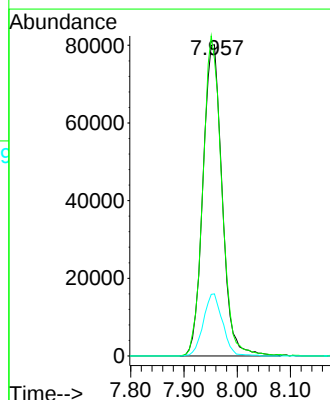
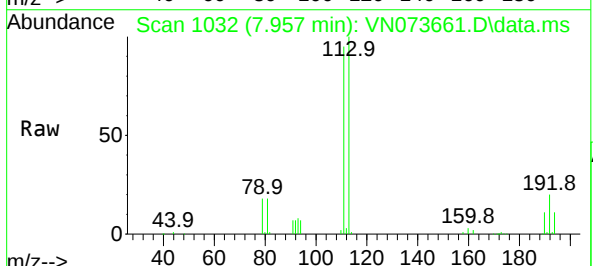
Tgt Ion:113 Resp: 201209

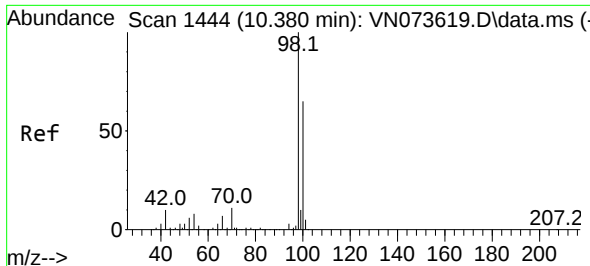
Ion Ratio Lower Upper

113 100

111 100.4 81.4 122.0

192 19.9 17.0 25.6

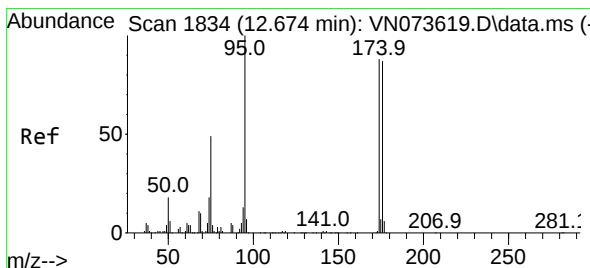
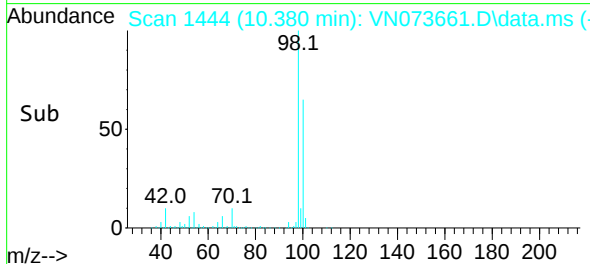
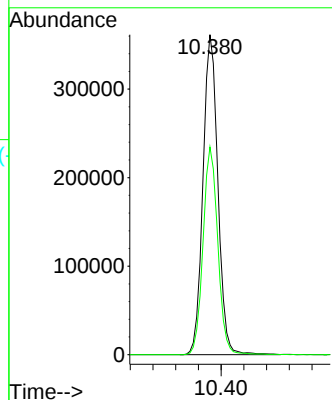
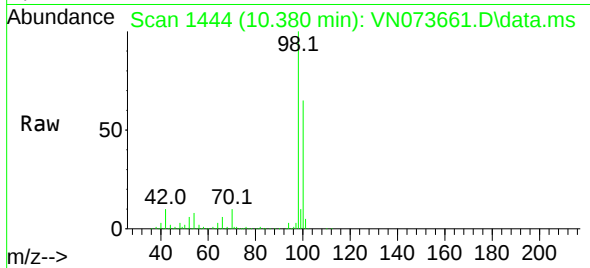




#50
Toluene-d8
Concen: 45.606 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

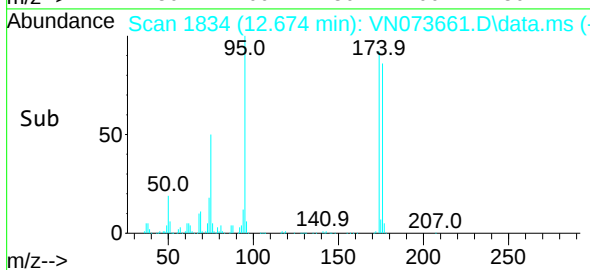
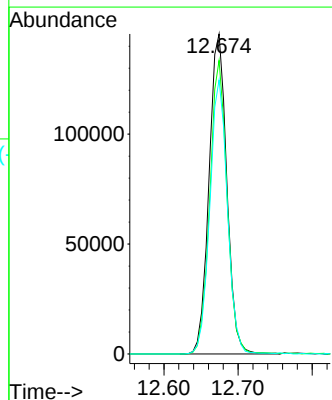
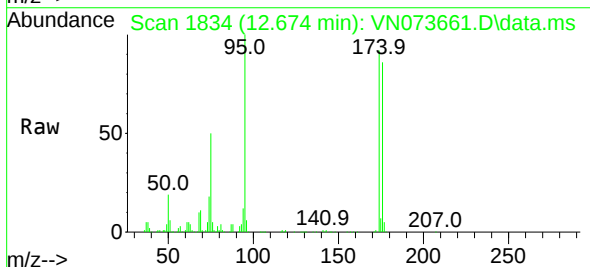
Instrument :
MSVOA_N
ClientSampleId :
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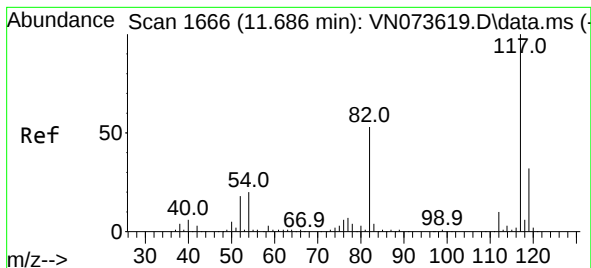
Tgt Ion: 98 Resp: 657529
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 95 Resp: 242464
Ion Ratio Lower Upper
95 100
174 89.1 0.0 167.6
176 84.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

TB

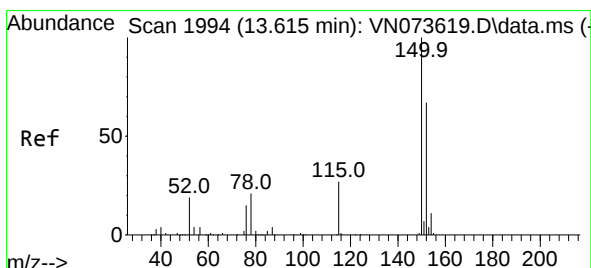
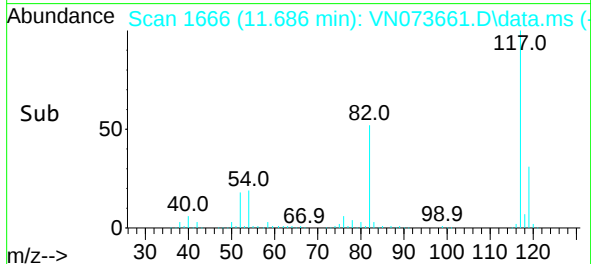
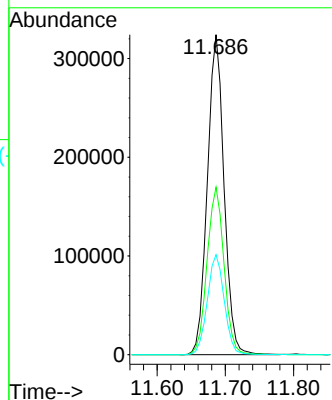
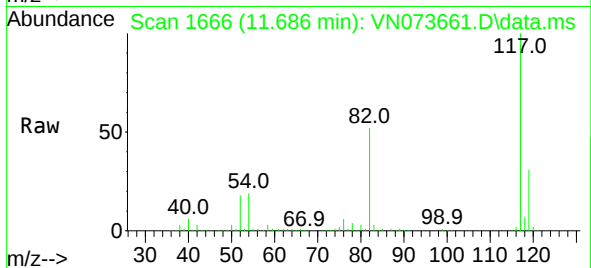
Tgt Ion:117 Resp: 551519

Ion Ratio Lower Upper

117 100

82 52.4 44.2 66.2

119 31.3 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: VN073661.D

Acq: 01 Aug 2022 15:43

Tgt Ion:152 Resp: 257957

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 156.1 0.0 356.2

