

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073589.D
 Acq On : 25 Jul 2022 19:15
 Operator : JC\MD
 Sample : N3882-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 26 02:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	225383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	374252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	352006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	161077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145817	44.816	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.640%
35) Dibromofluoromethane	7.957	113	125796	50.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.380	98	396987	44.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.674	95	161701	47.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.160%

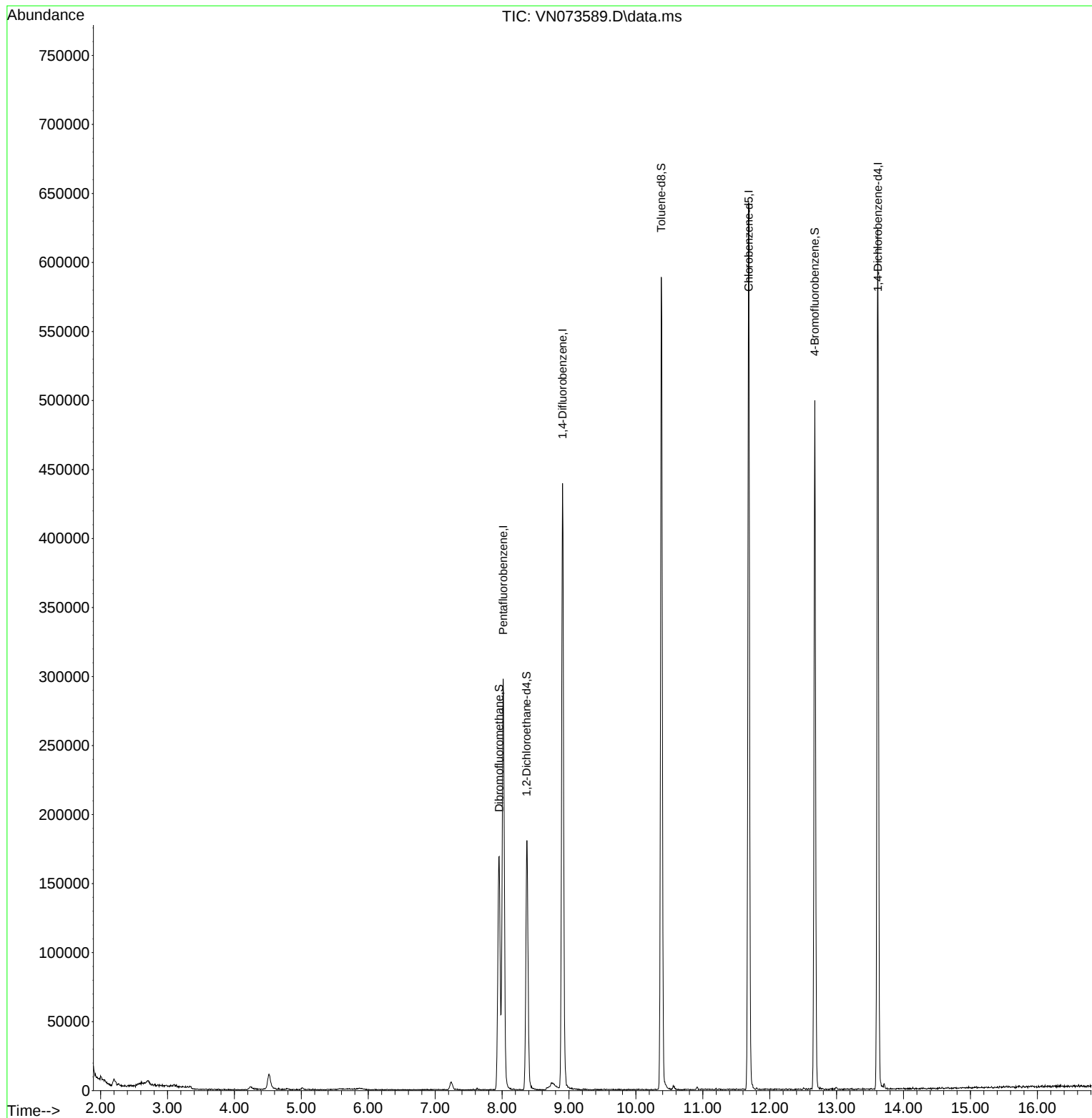
Target Compounds	Qvalue

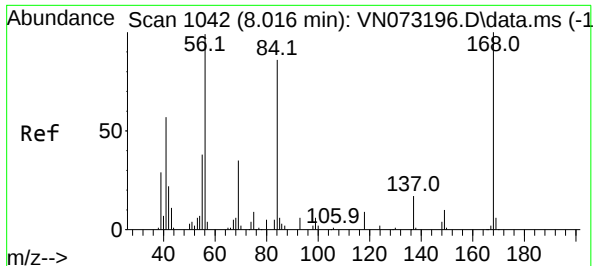
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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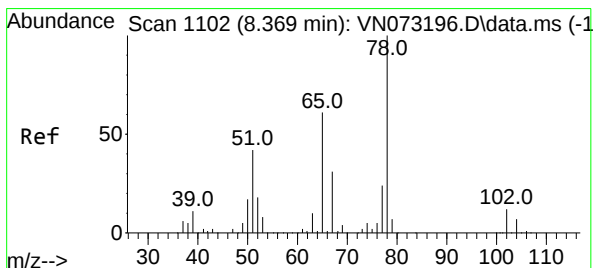
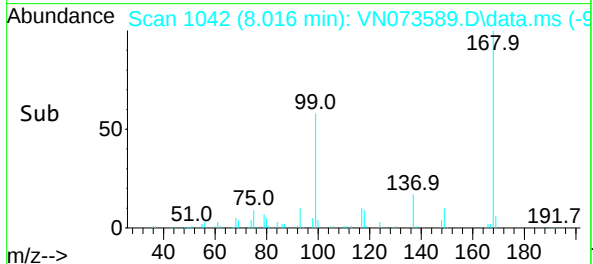
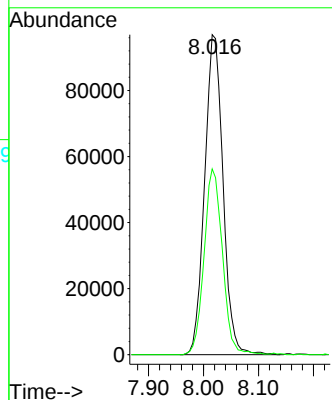
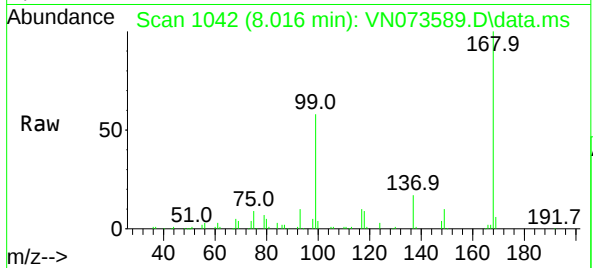




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073589.D
Acq: 25 Jul 2022 19:15

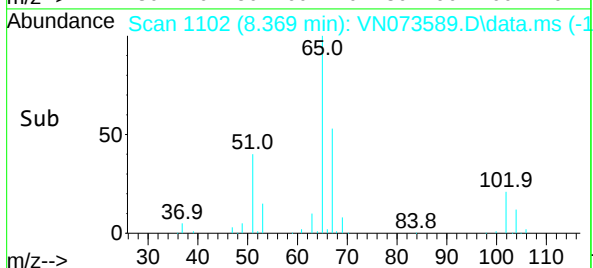
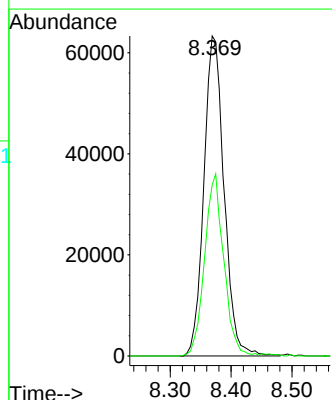
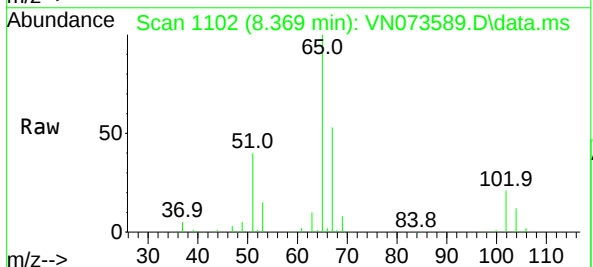
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

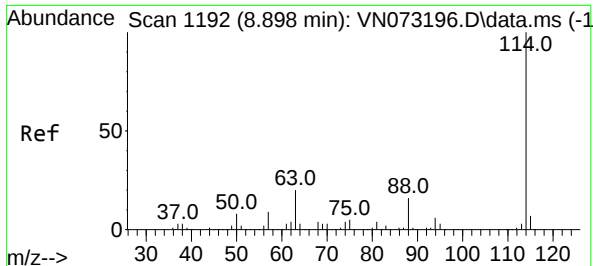
Tgt Ion:168 Resp: 225383
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.816 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073589.D
Acq: 25 Jul 2022 19:15

Tgt Ion: 65 Resp: 145817
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073589.D

Acq: 25 Jul 2022 19:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

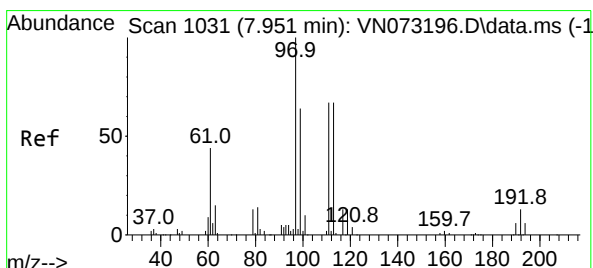
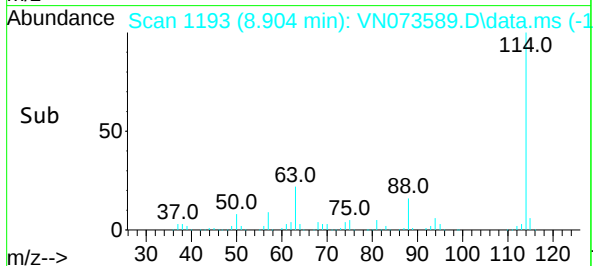
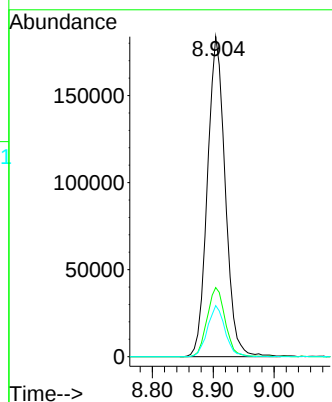
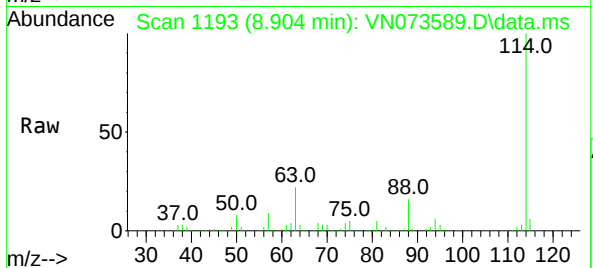
Tgt Ion:114 Resp: 374252

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.521 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073589.D

Acq: 25 Jul 2022 19:15

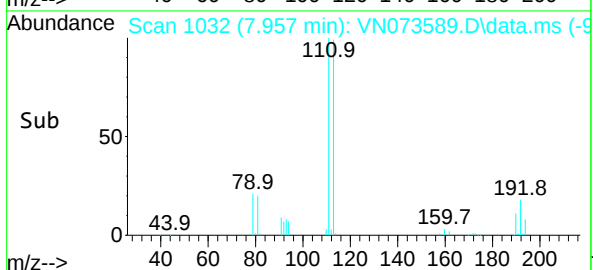
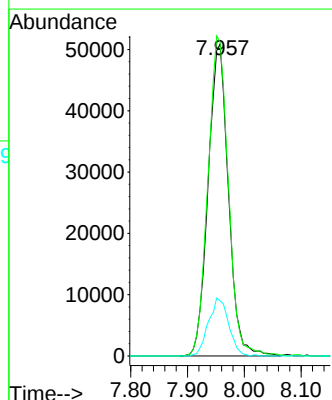
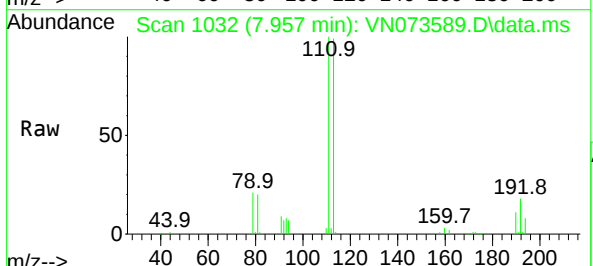
Tgt Ion:113 Resp: 125796

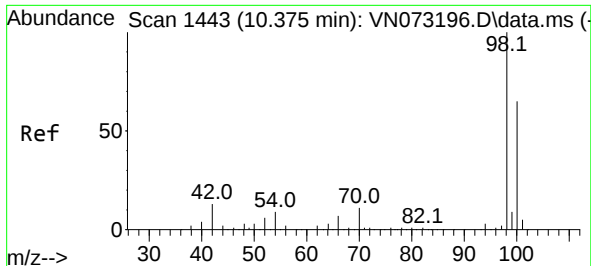
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.5 17.0 25.6

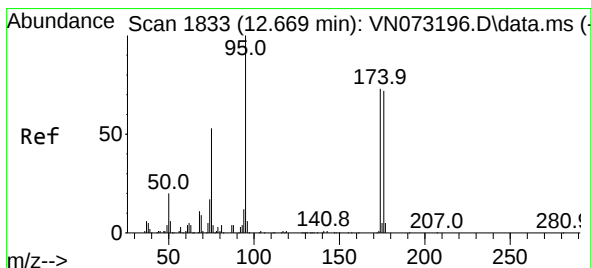
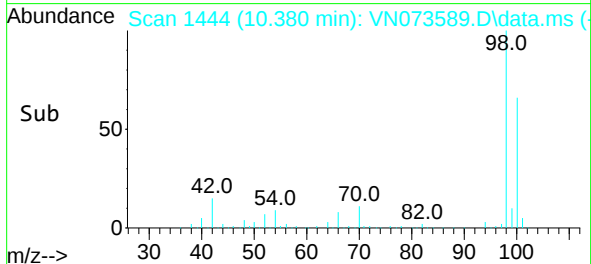
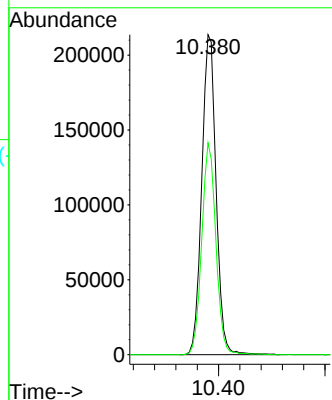
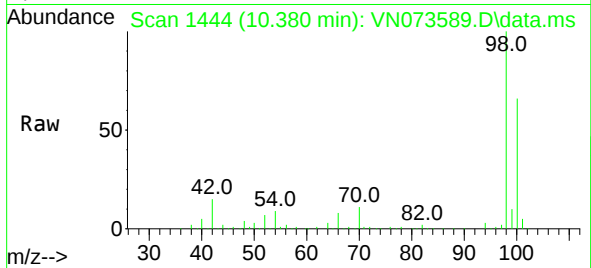




#50
Toluene-d8
Concen: 44.890 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073589.D
Acq: 25 Jul 2022 19:15

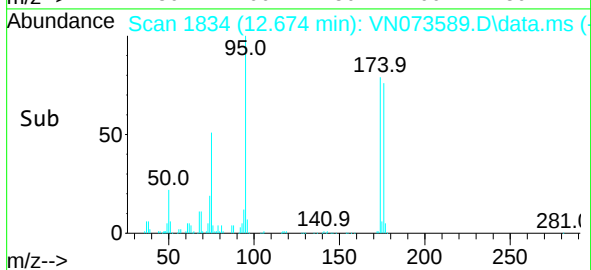
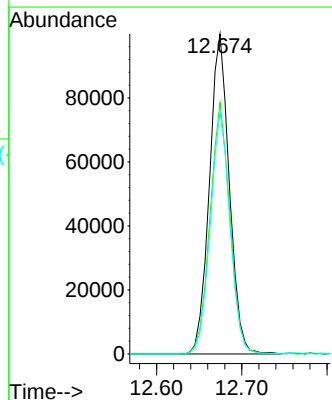
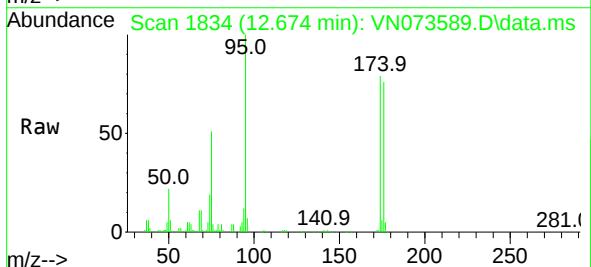
Instrument :
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STORAGE-BLANK-WATER-REF-5

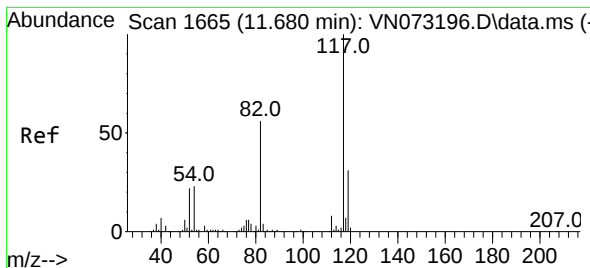
Tgt Ion: 98 Resp: 396987
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.580 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073589.D
Acq: 25 Jul 2022 19:15

Tgt Ion: 95 Resp: 161701
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 74.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073589.D

Acq: 25 Jul 2022 19:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

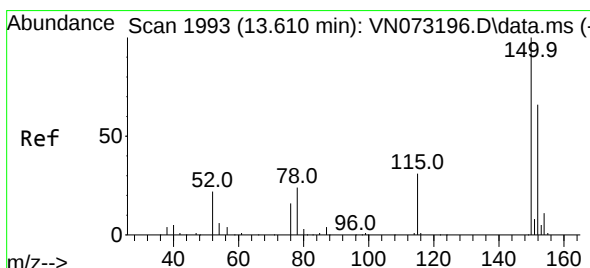
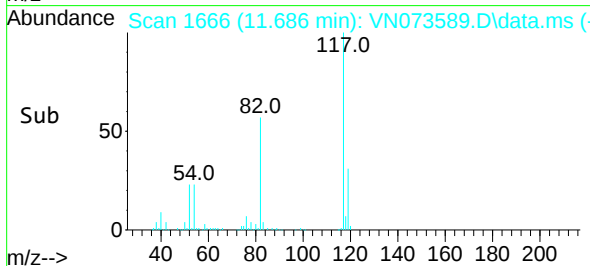
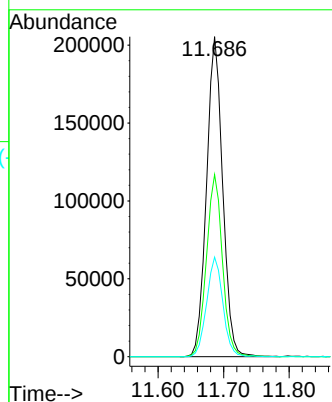
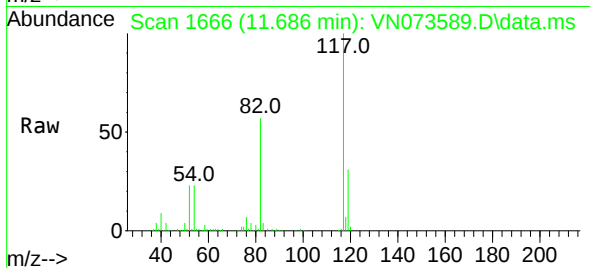
Tgt Ion:117 Resp: 352006

Ion Ratio Lower Upper

117 100

82 56.9 44.2 66.2

119 31.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073589.D

Acq: 25 Jul 2022 19:15

Tgt Ion:152 Resp: 161077

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.7

150 161.3 0.0 356.2

