

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073588.D
 Acq On : 25 Jul 2022 18:51
 Operator : JC\MD
 Sample : N3882-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 26 02:18:41 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	231355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	385559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	359663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148882	44.577	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.160%
35) Dibromofluoromethane	7.951	113	130219	50.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.380	98	416187	45.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.674	95	163232	46.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.240%

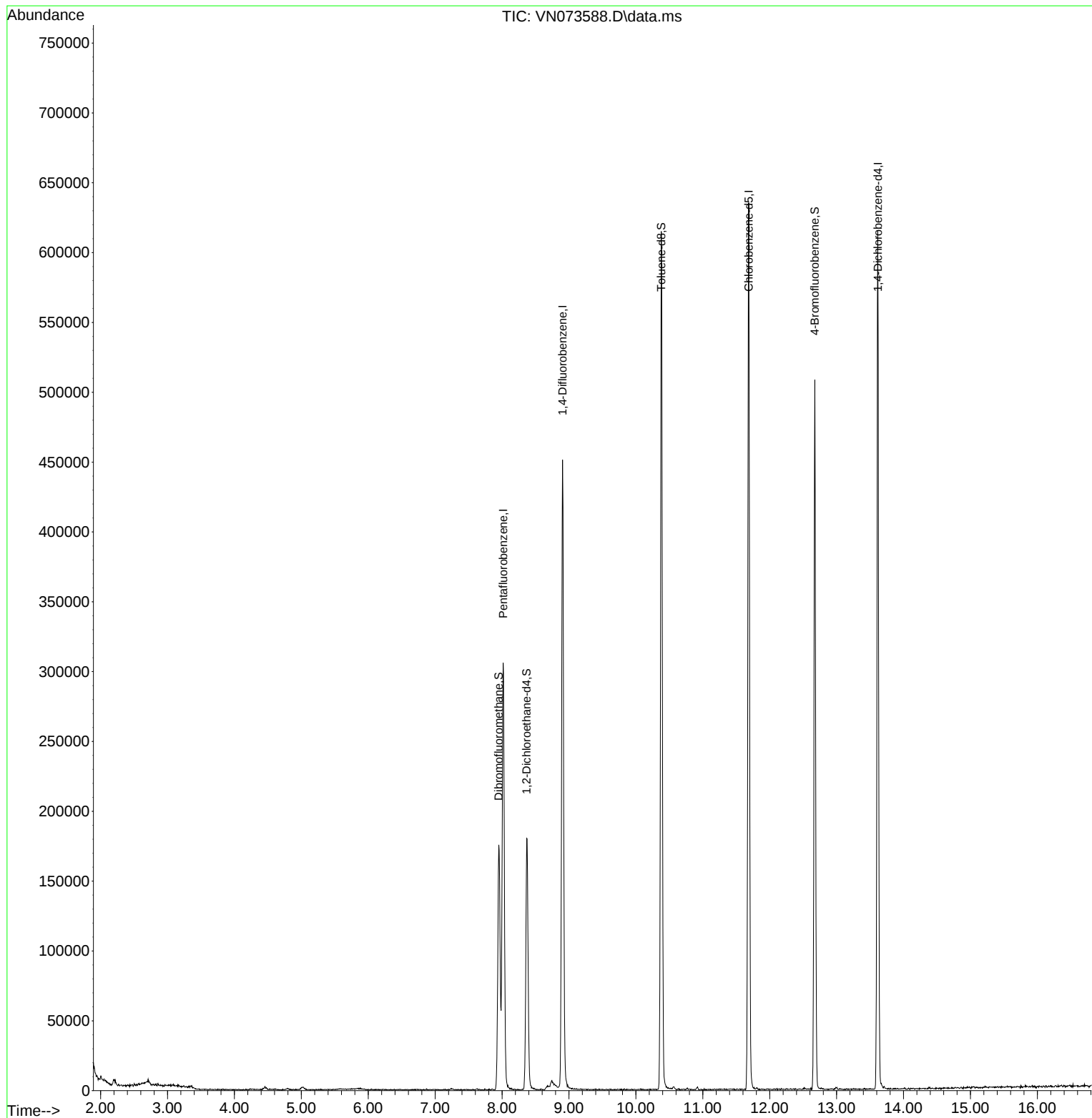
Target Compounds	Qvalue

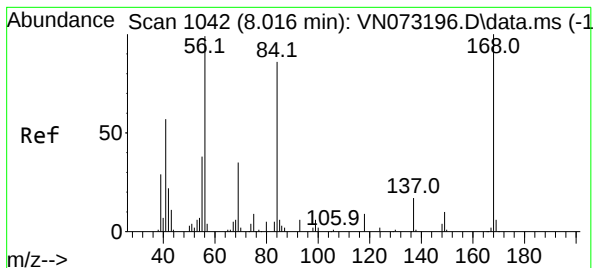
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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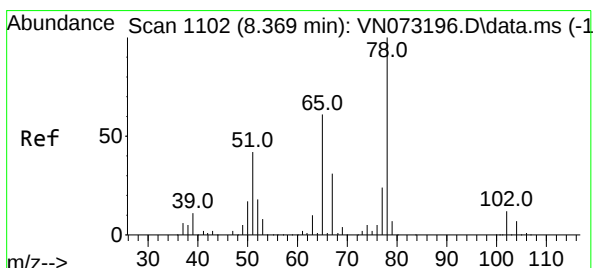
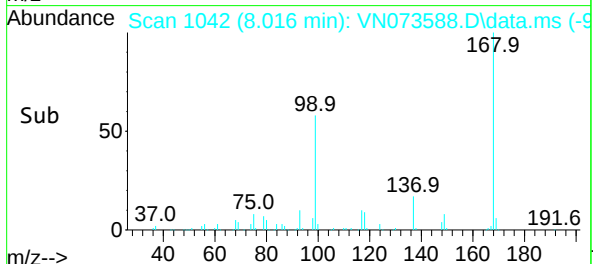
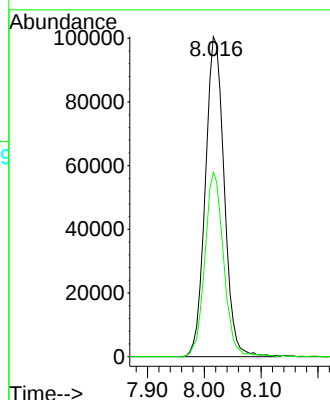
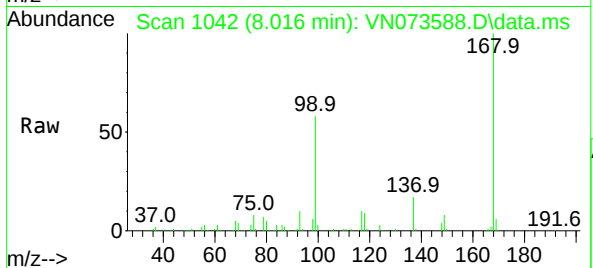




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

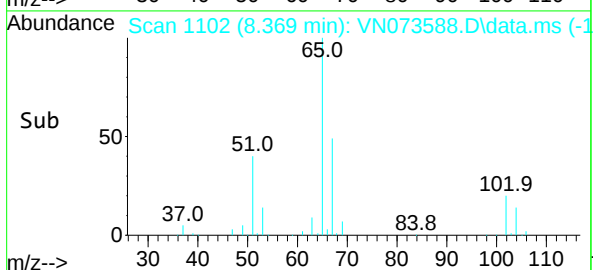
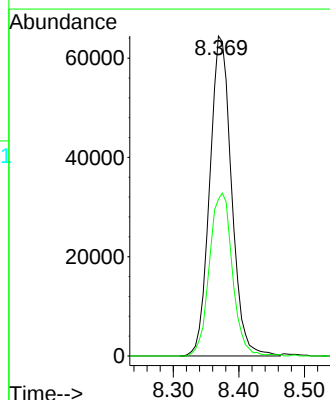
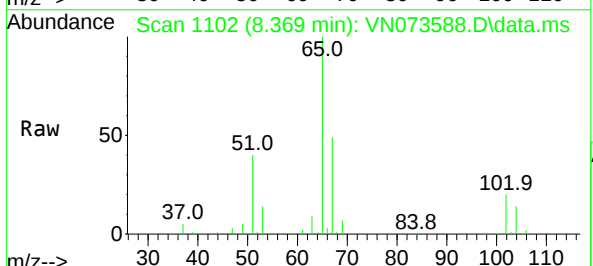
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

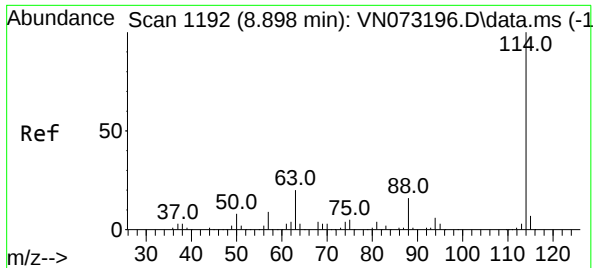
Tgt Ion:168 Resp: 231355
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.577 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 65 Resp: 148882
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

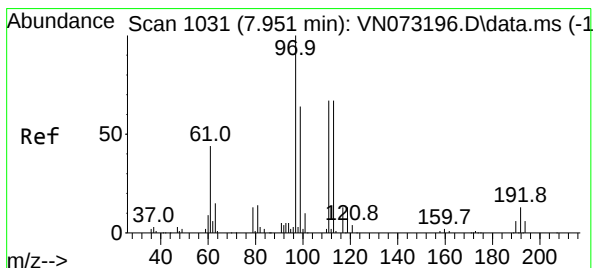
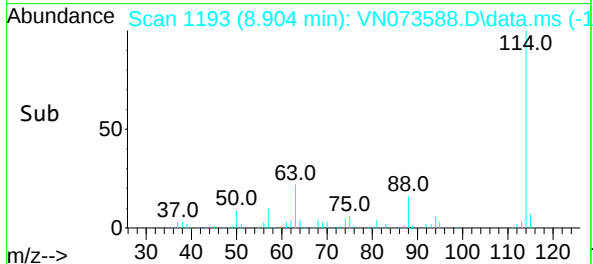
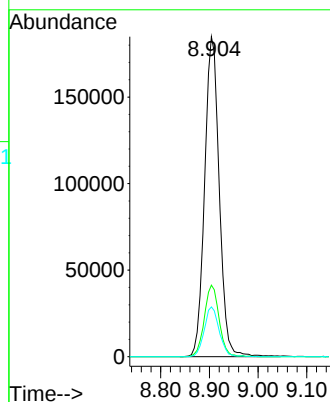
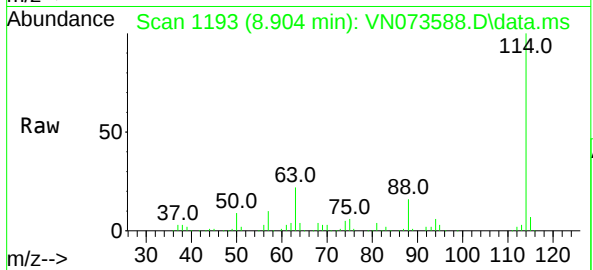




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

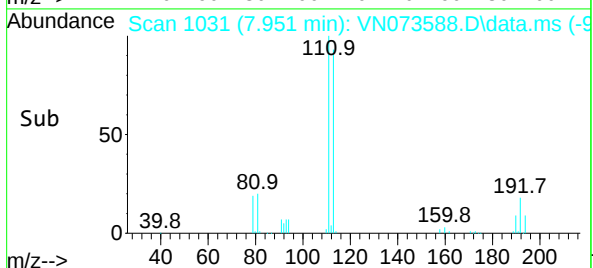
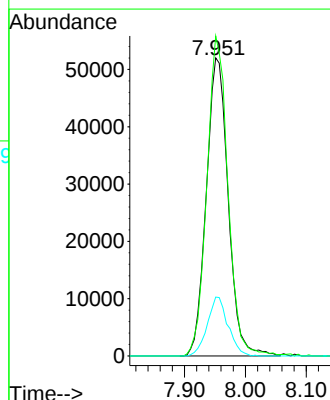
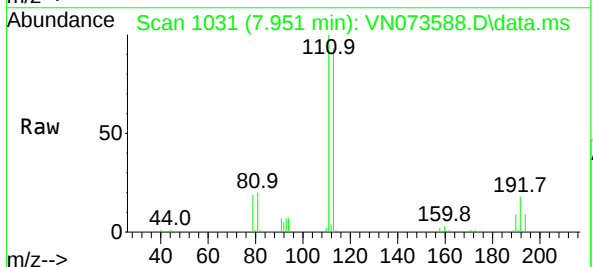
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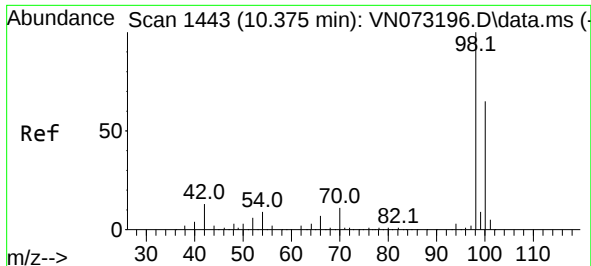
Tgt Ion:114 Resp: 385559
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.764 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion:113 Resp: 130219
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.7 17.0 25.6

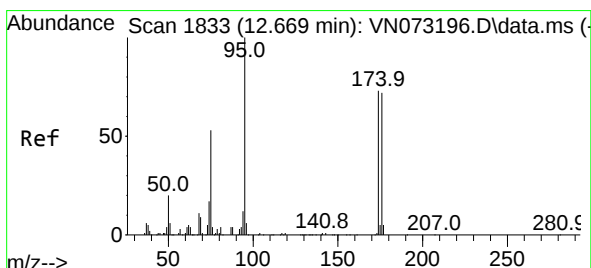
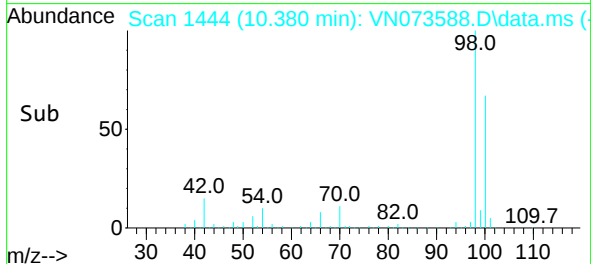
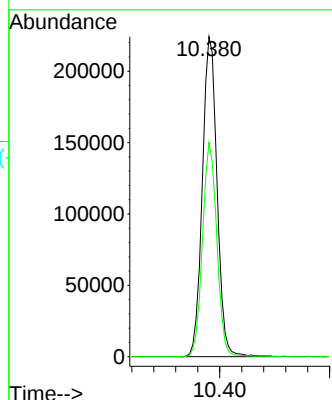
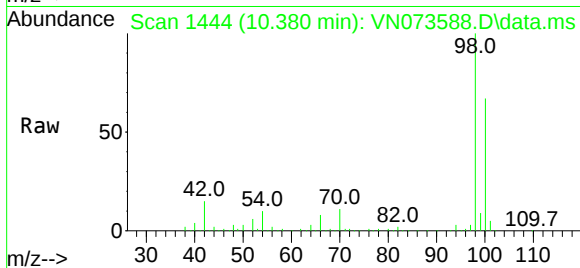




#50
Toluene-d8
Concen: 45.681 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

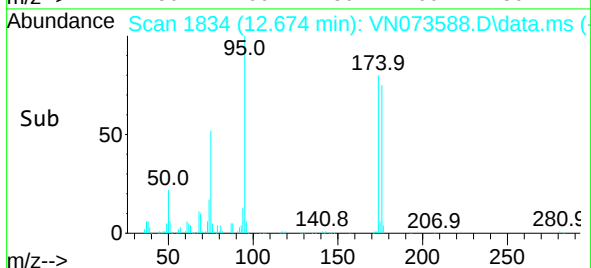
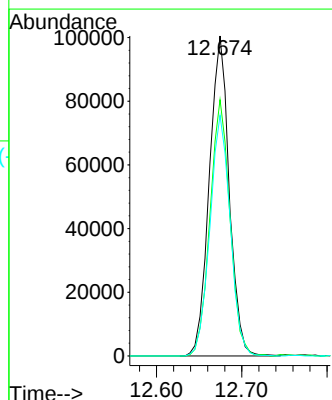
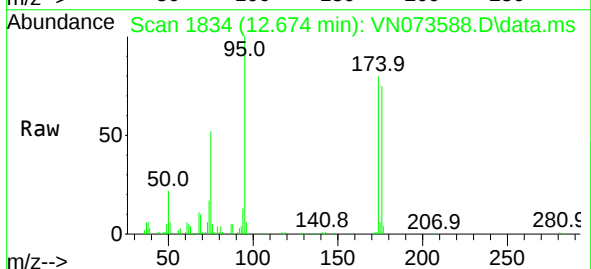
Instrument :
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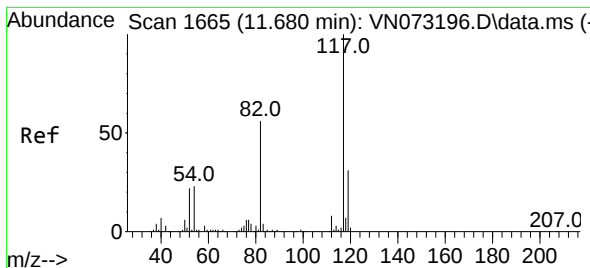
Tgt Ion: 98 Resp: 416187
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.622 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 95 Resp: 163232
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.6
176 76.4 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: VN073588.D

Acq: 25 Jul 2022 18:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

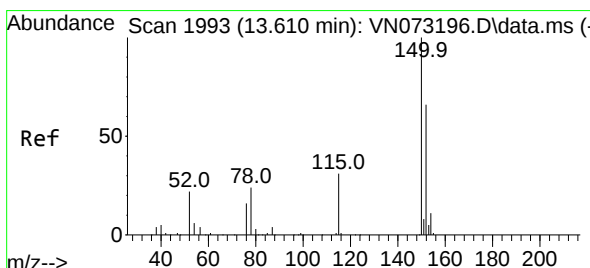
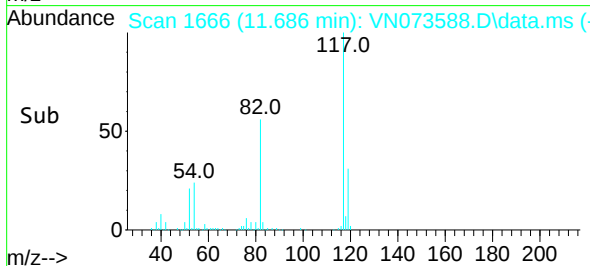
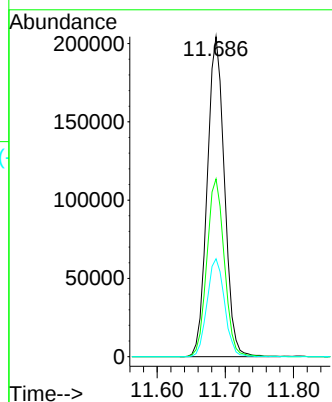
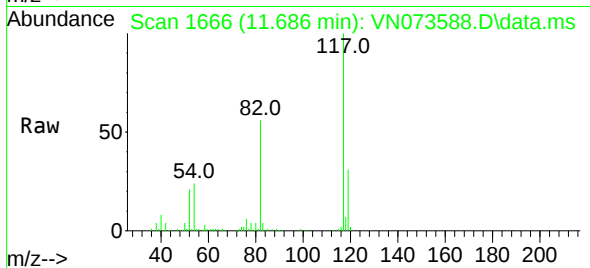
Tgt Ion:117 Resp: 359663

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

119 30.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073588.D

Acq: 25 Jul 2022 18:51

Tgt Ion:152 Resp: 164063

Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.7

150 156.1 0.0 356.2

