

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073368.D
 Acq On : 07 Jul 2022 13:54
 Operator : JC\MD
 Sample : N3574-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 08 03:01:19 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	328951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	543267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	497654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	225607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	209057	44.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.040%
35) Dibromofluoromethane	7.951	113	172946	47.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.380	98	568224	44.264	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.668	95	243780	49.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.840%

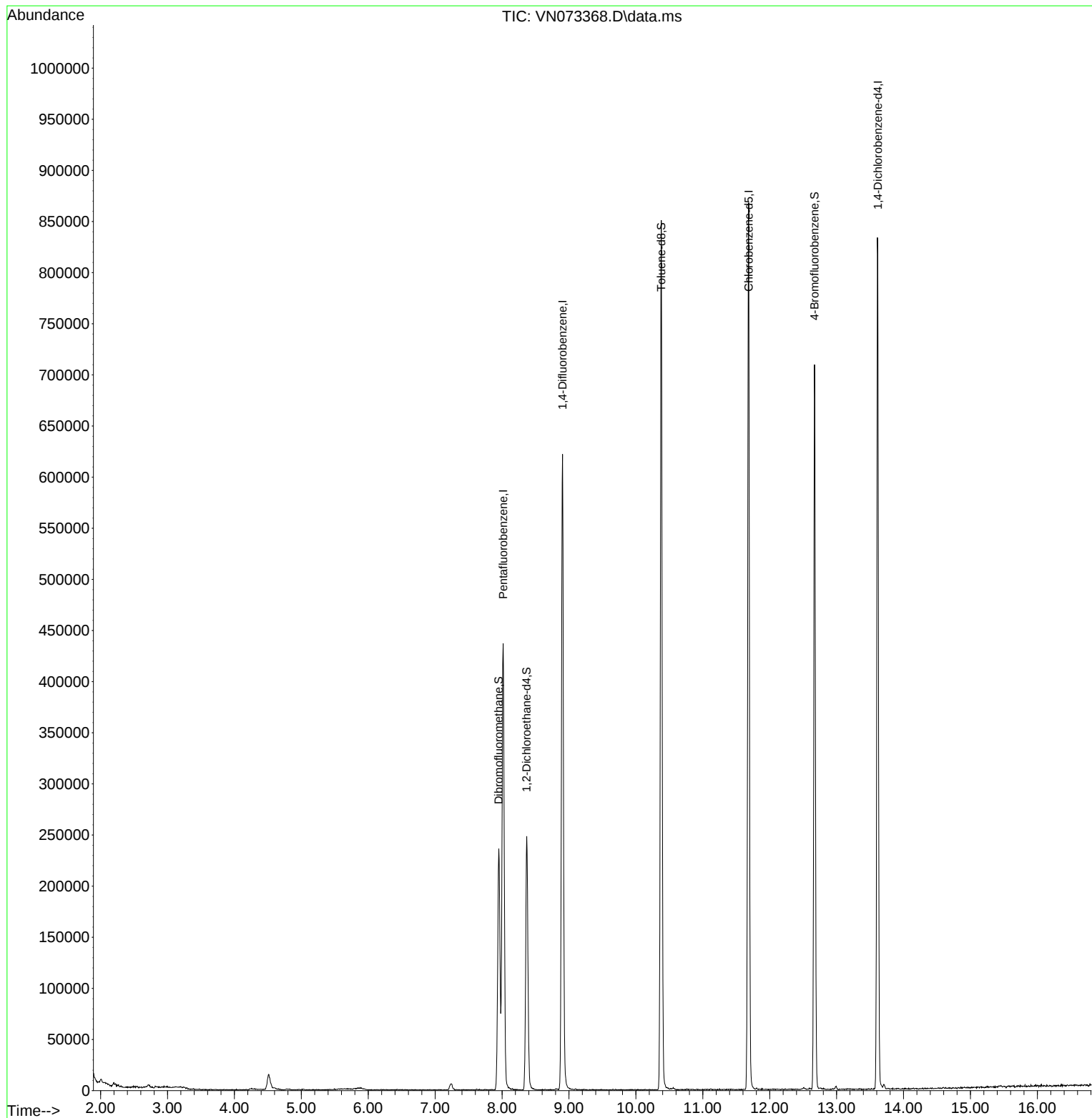
Target Compounds	Qvalue

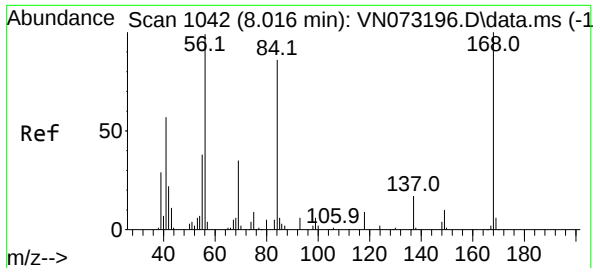
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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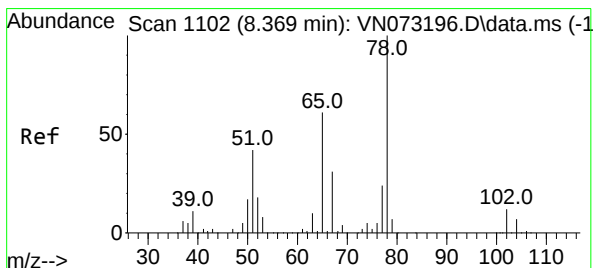
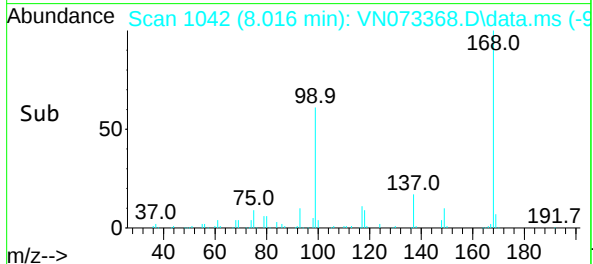
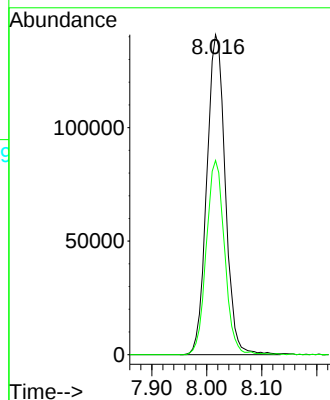
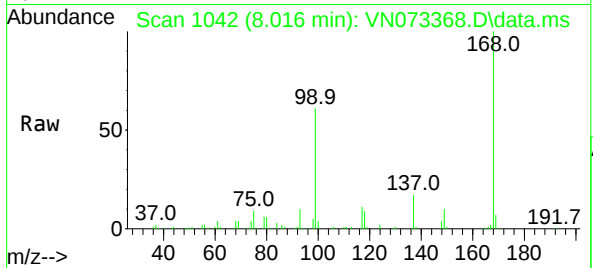




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073368.D
Acq: 07 Jul 2022 13:54

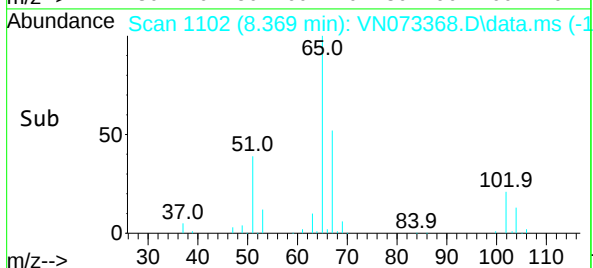
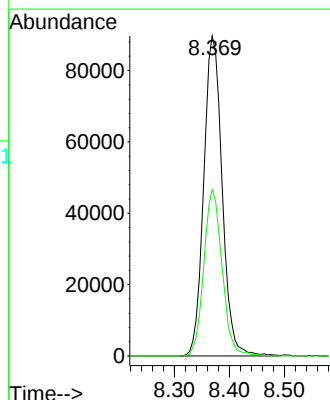
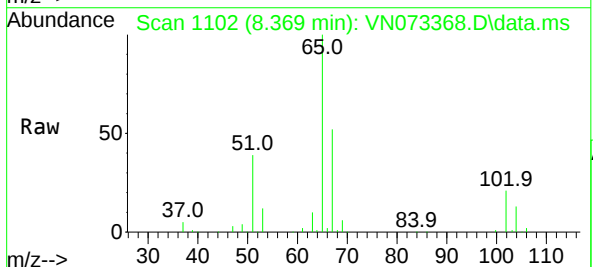
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

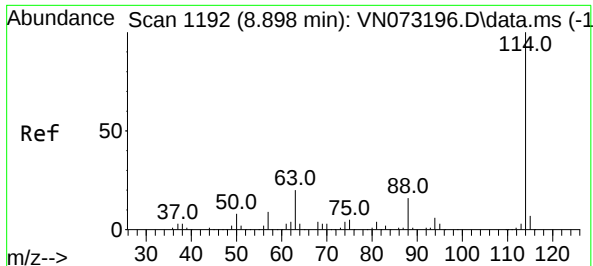
Tgt Ion:168 Resp: 328951
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.023 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073368.D
Acq: 07 Jul 2022 13:54

Tgt Ion: 65 Resp: 209057
Ion Ratio Lower Upper
65 100
67 51.5 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: VN073368.D

Acq: 07 Jul 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

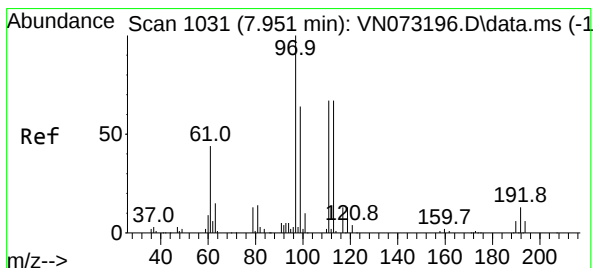
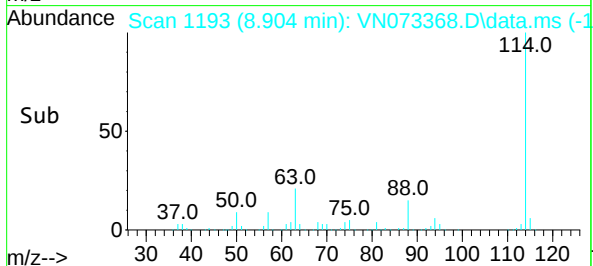
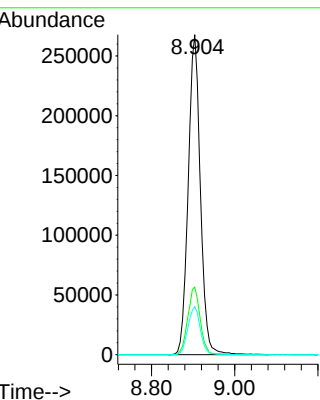
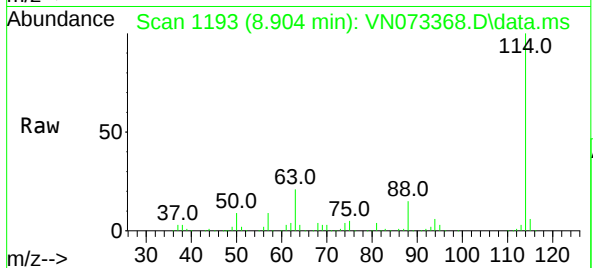
Tgt Ion:114 Resp: 543267

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.849 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073368.D

Acq: 07 Jul 2022 13:54

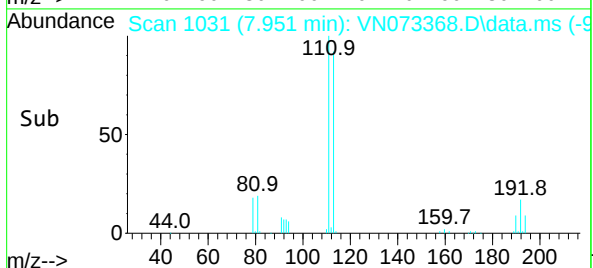
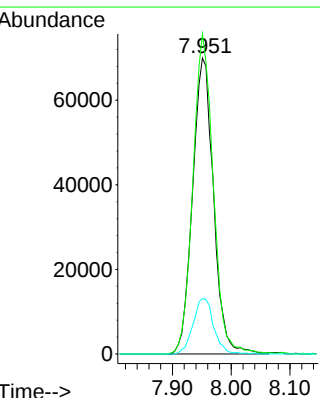
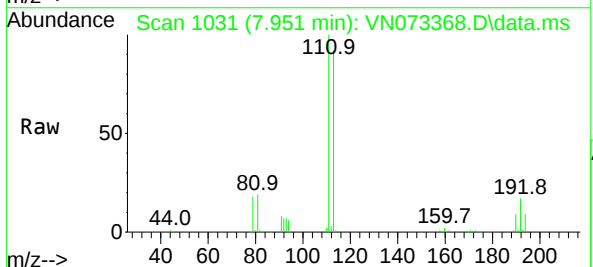
Tgt Ion:113 Resp: 172946

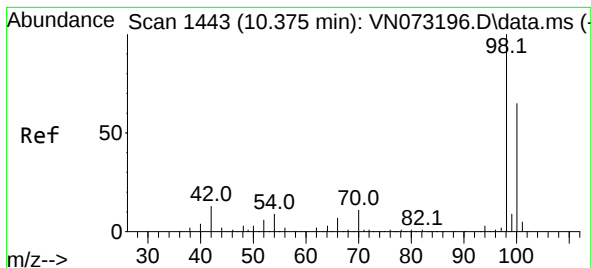
Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 18.4 17.0 25.6





#50

Toluene-d8

Concen: 44.264 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073368.D

Acq: 07 Jul 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

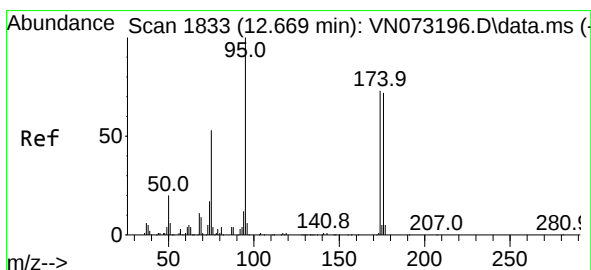
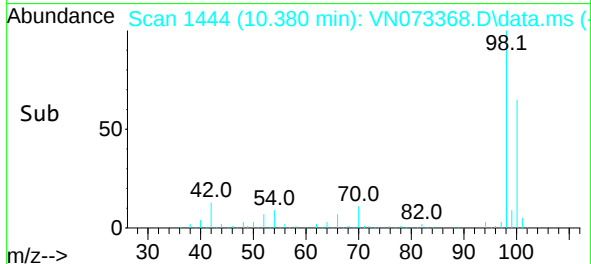
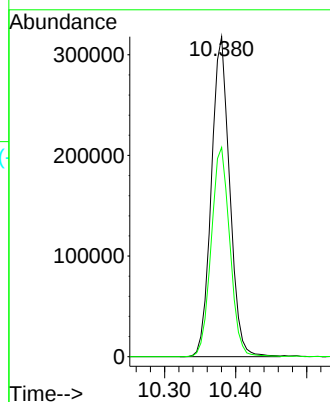
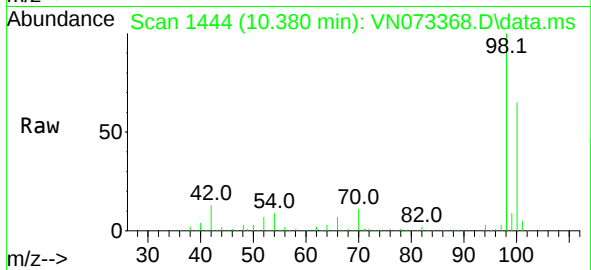
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 568224

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.415 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.001 min

Lab File: VN073368.D

Acq: 07 Jul 2022 13:54

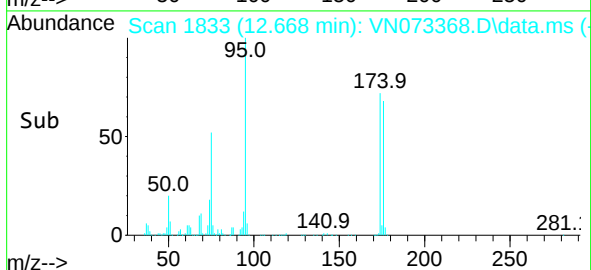
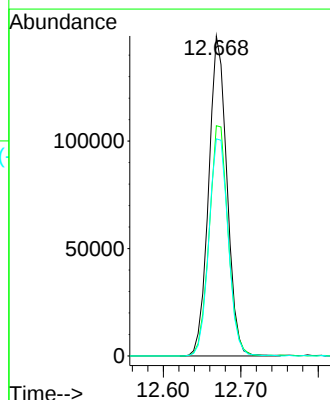
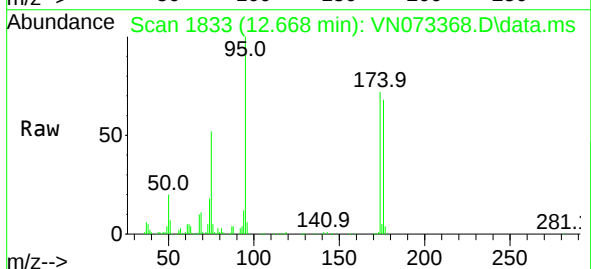
Tgt Ion: 95 Resp: 243780

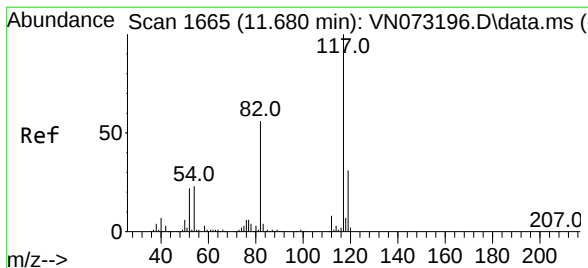
Ion Ratio Lower Upper

95 100

174 74.4 0.0 167.6

176 71.6 0.0 163.4

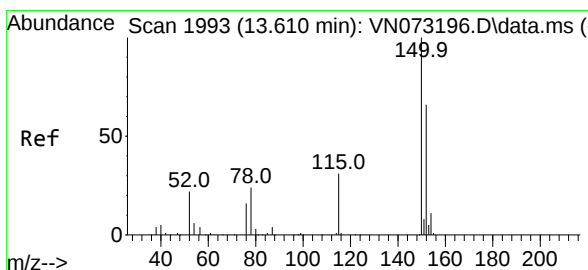
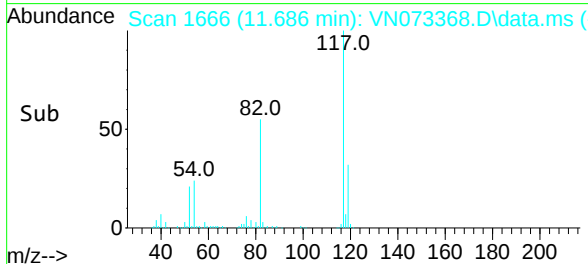
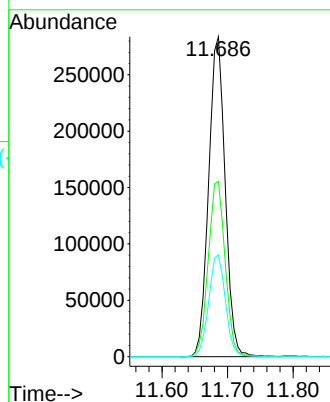
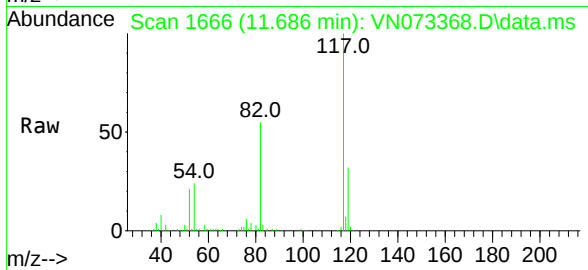




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073368.D
Acq: 07 Jul 2022 13:54

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 497654
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.9 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: VN073368.D
Acq: 07 Jul 2022 13:54

Tgt Ion:152 Resp: 225607
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 155.6 0.0 356.2

