

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073218.D
 Acq On : 28 Jun 2022 23:52
 Operator : JC\MD
 Sample : N3409-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB061722

Quant Time: Jun 29 02:04:58 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	308094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	505257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	454448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	210684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	190770	42.892	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.780%
35) Dibromofluoromethane	7.951	113	158194	47.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	10.380	98	526282	44.081	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.160%
62) 4-Bromofluorobenzene	12.668	95	224672	48.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%

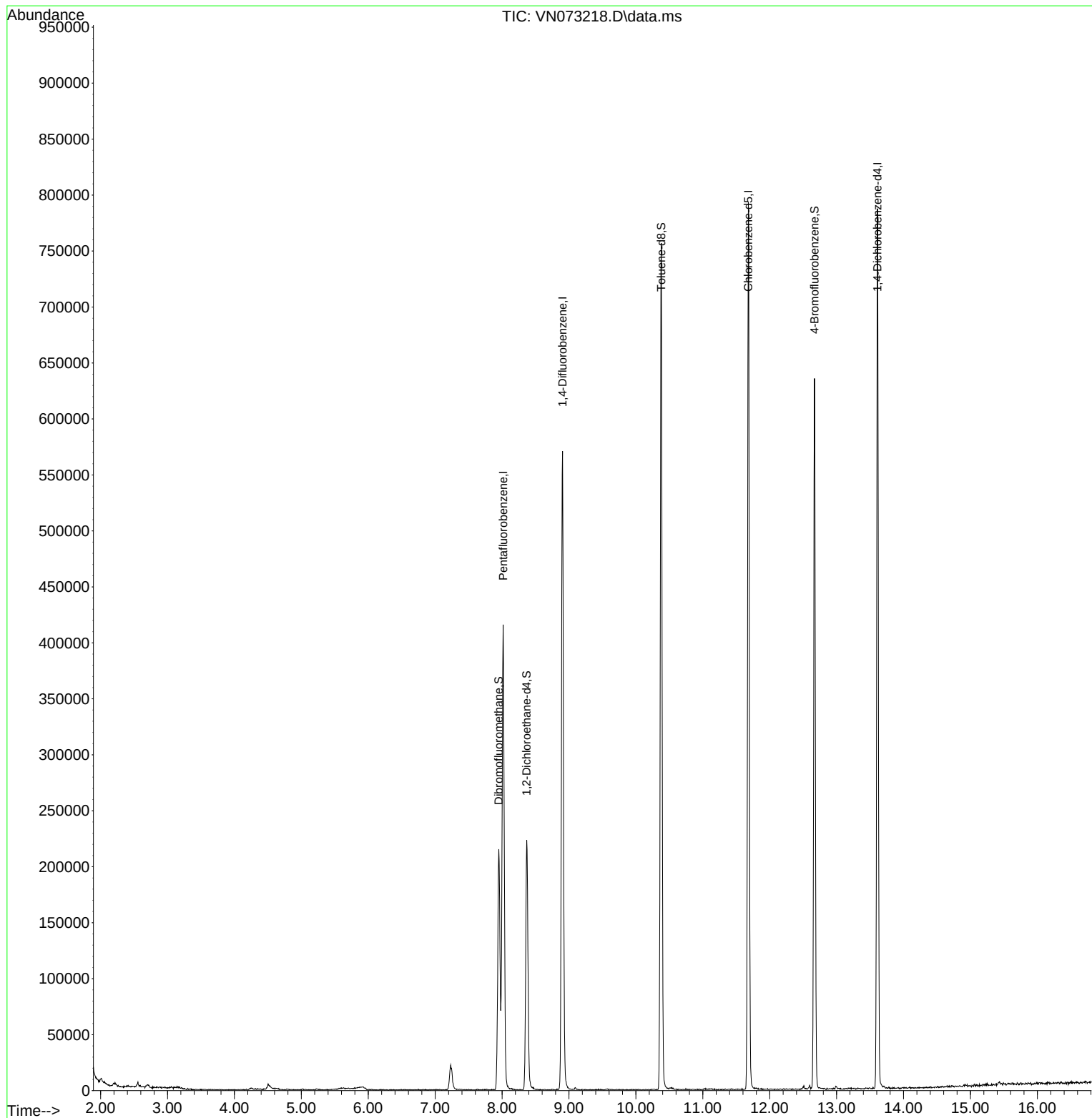
Target Compounds Qvalue

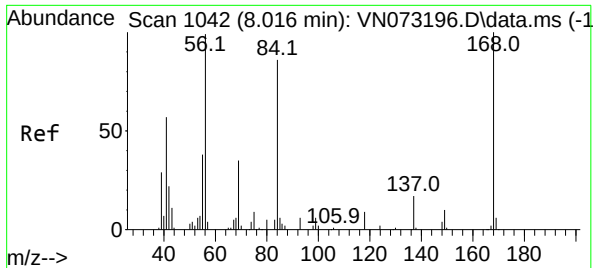
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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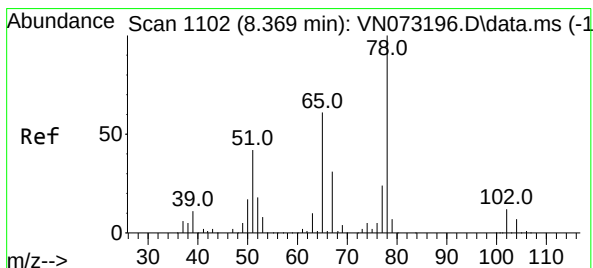
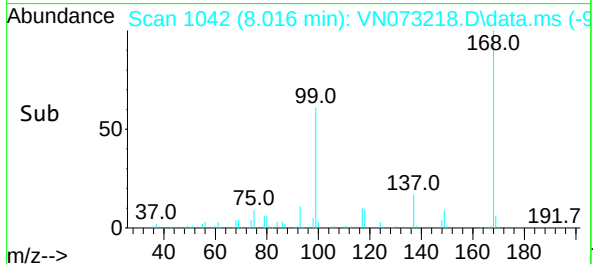
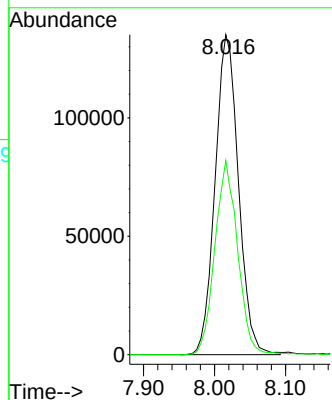
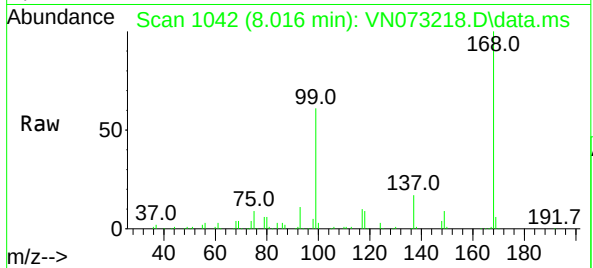




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

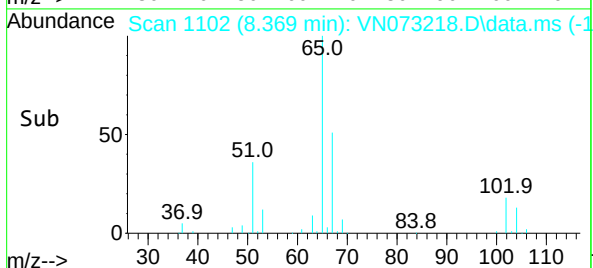
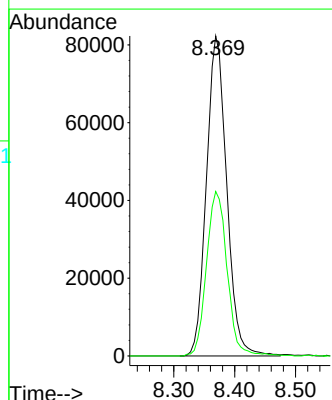
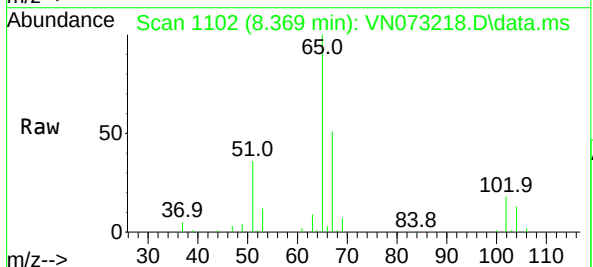
Instrument :
MSVOA_N
ClientSampleId :
FB061722

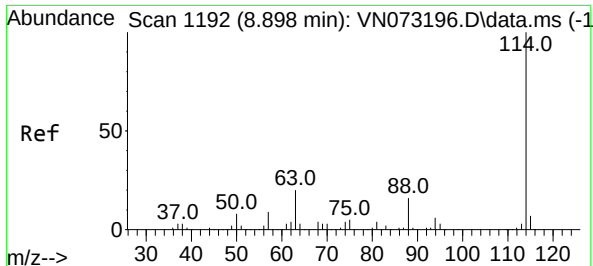
Tgt Ion:168 Resp: 308094
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.892 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Tgt Ion: 65 Resp: 190770
Ion Ratio Lower Upper
65 100
67 52.2 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: VN073218.D

Acq: 28 Jun 2022 23:52

Instrument :

MSVOA_N

ClientSampleId :

FB061722

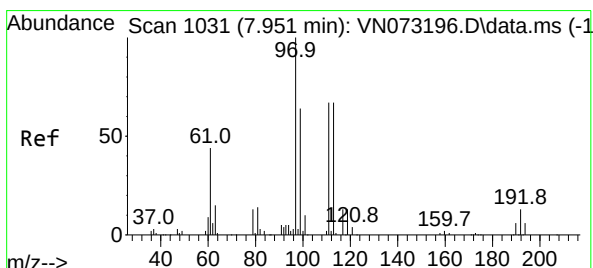
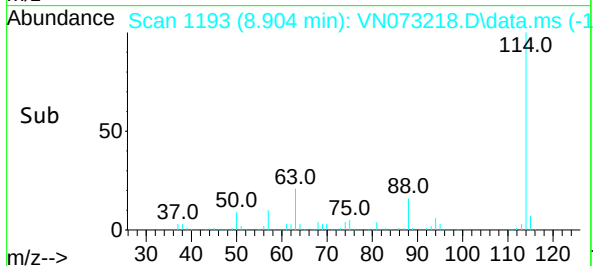
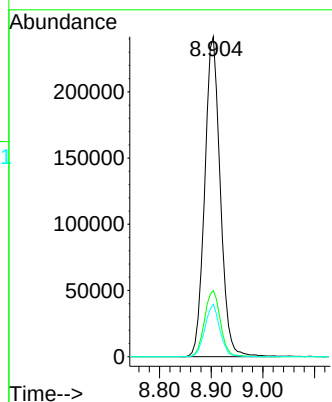
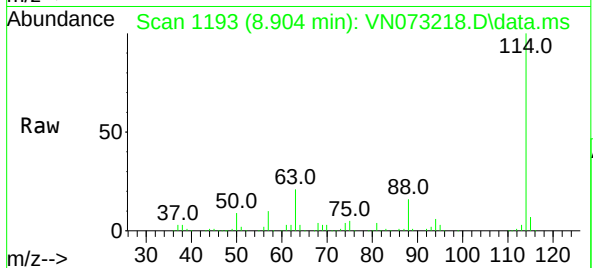
Tgt Ion:114 Resp: 505257

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.060 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

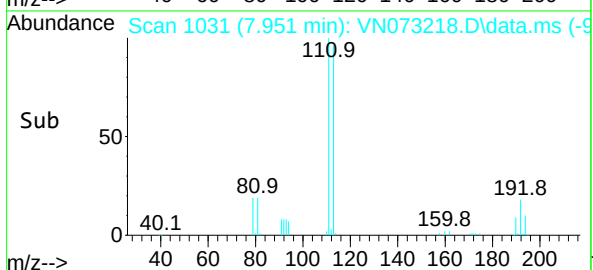
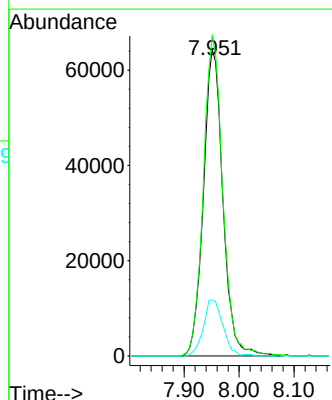
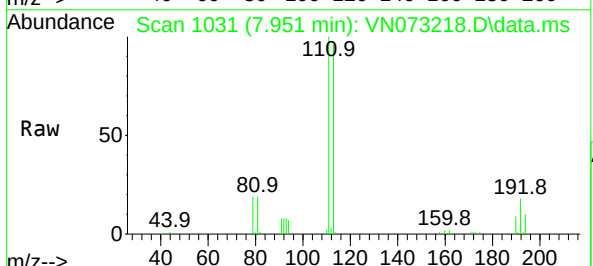
Tgt Ion:113 Resp: 158194

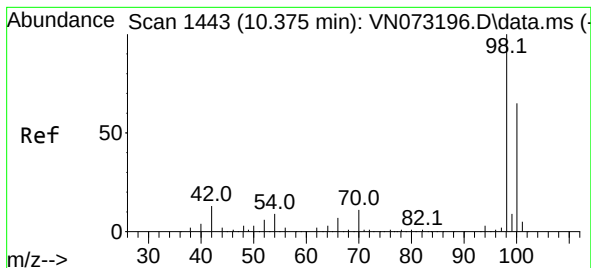
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 18.2 17.0 25.6





#50

Toluene-d8

Concen: 44.081 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

Instrument :

MSVOA_N

ClientSampleId :

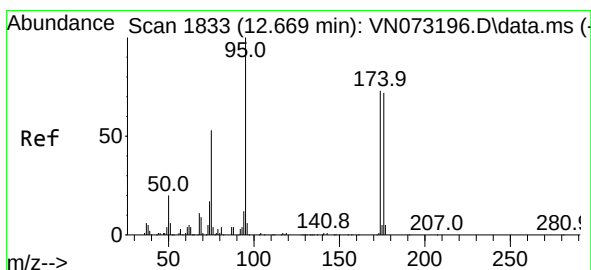
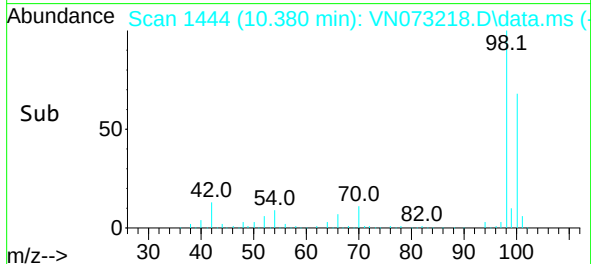
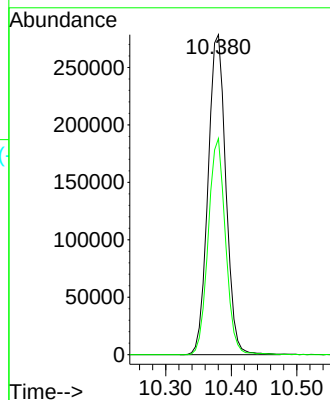
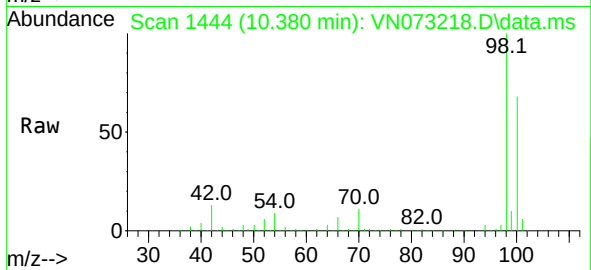
FB061722

Tgt Ion: 98 Resp: 526282

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.968 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.001 min

Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

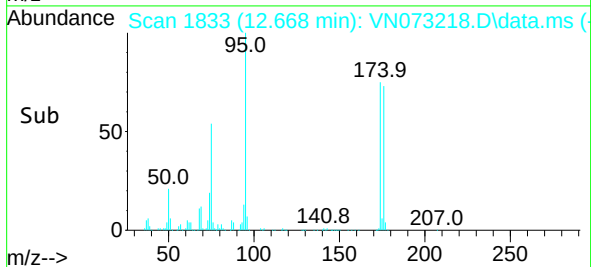
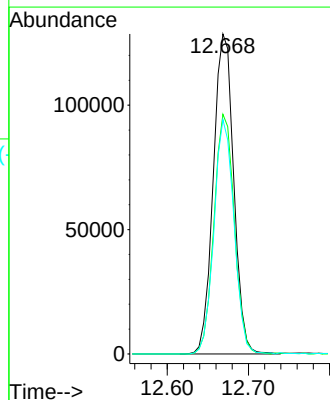
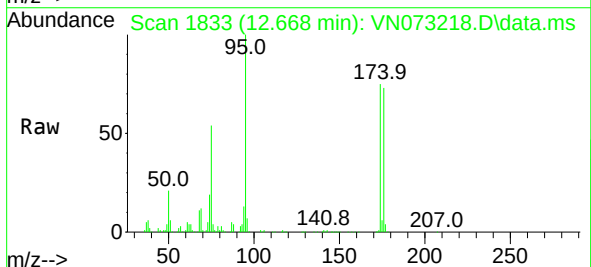
Tgt Ion: 95 Resp: 224672

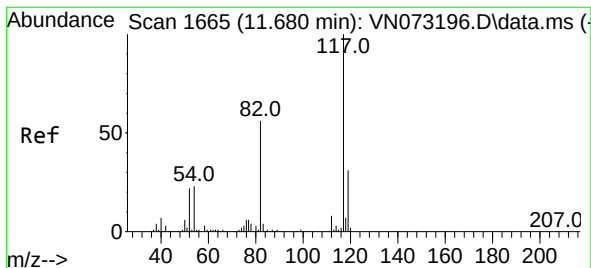
Ion Ratio Lower Upper

95 100

174 74.6 0.0 167.6

176 71.8 0.0 163.4

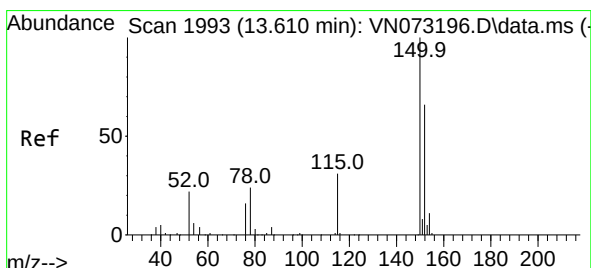
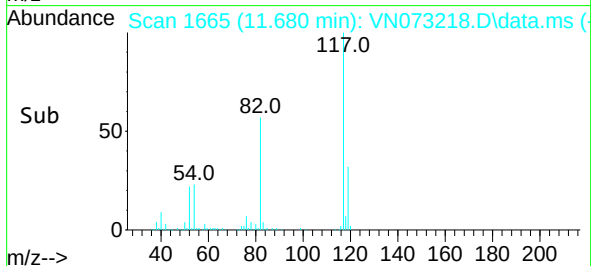
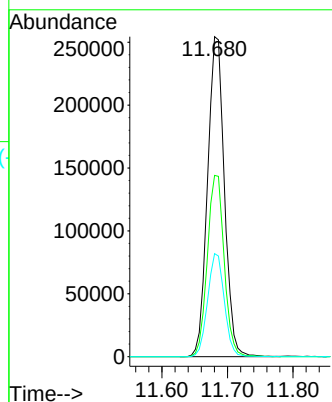
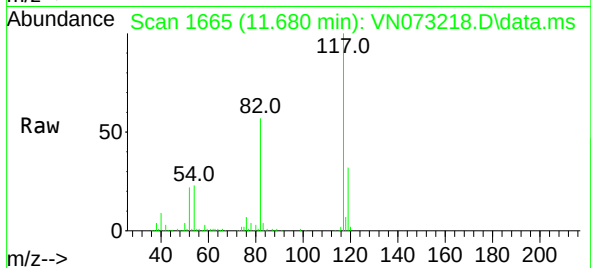




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Instrument :
MSVOA_N
ClientSampleId :
FB061722

Tgt Ion:117 Resp: 454448
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Tgt Ion:152 Resp: 210684
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 157.1 0.0 356.2

