

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073220.D
 Acq On : 29 Jun 2022 00:41
 Operator : JC\MD
 Sample : N3409-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jun 29 02:05:14 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	310810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	505554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	456392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192541	42.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.820%
35) Dibromofluoromethane	7.951	113	160381	47.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	10.381	98	533124	44.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.669	95	219231	47.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%

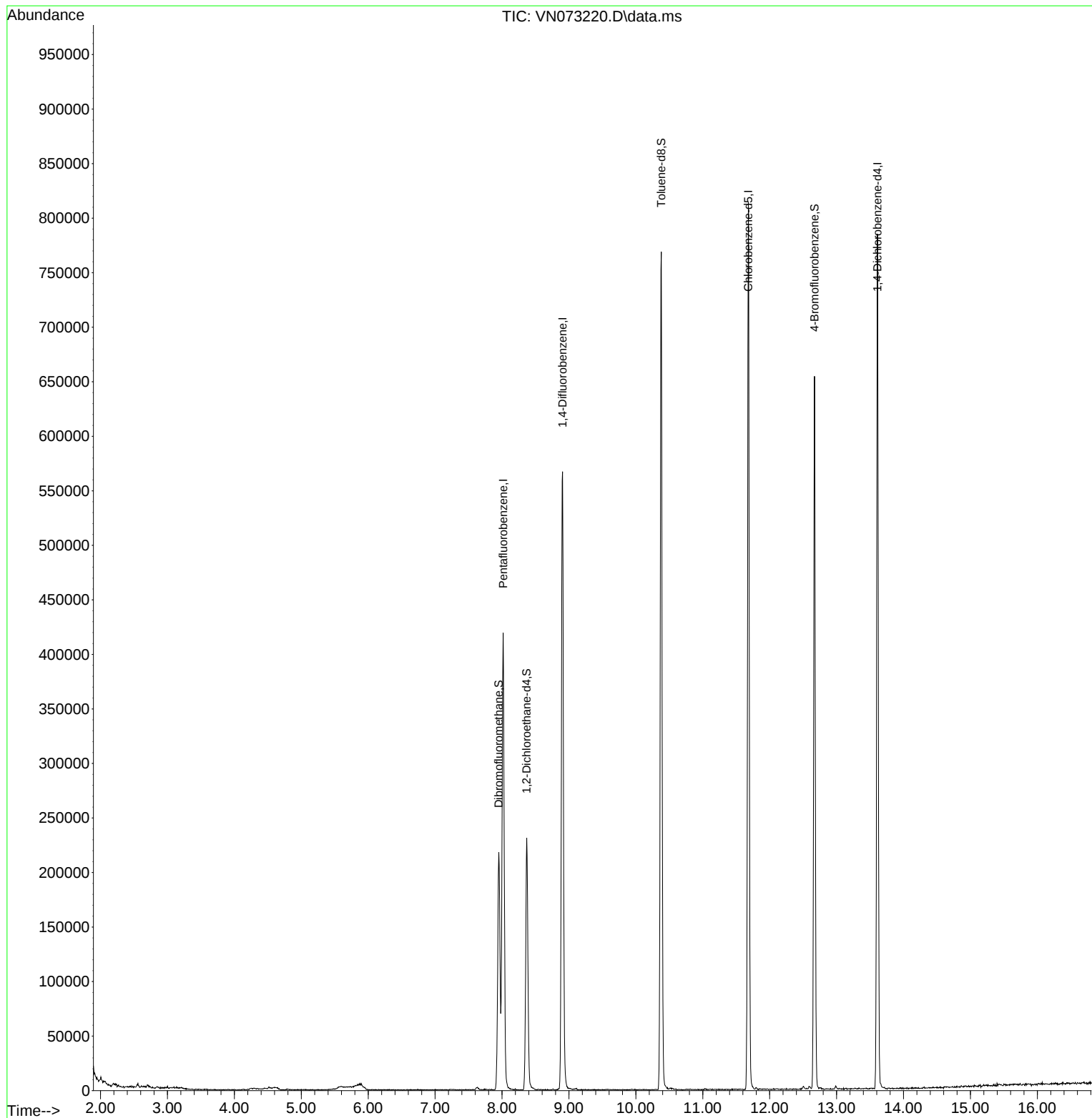
Target Compounds	Qvalue

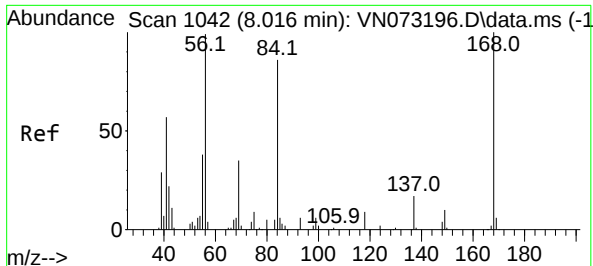
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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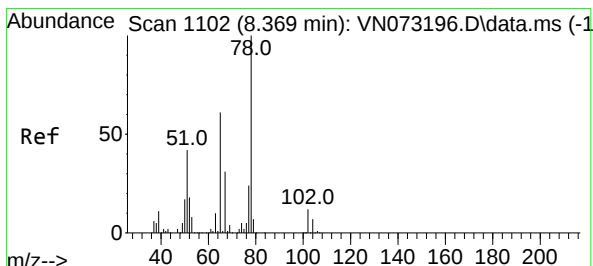
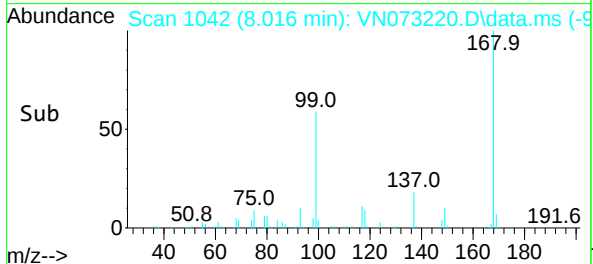
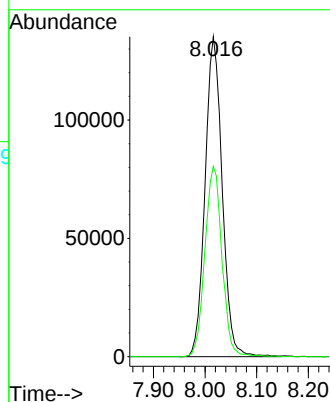
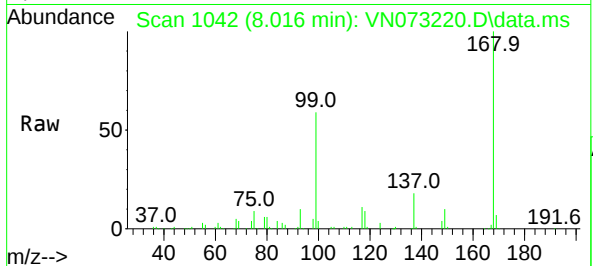




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

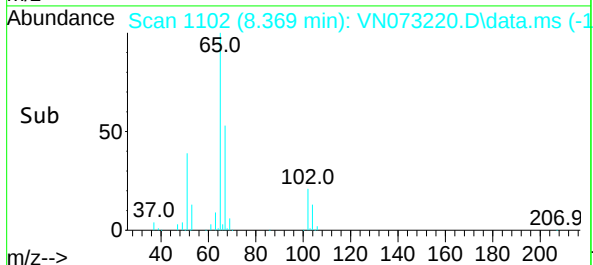
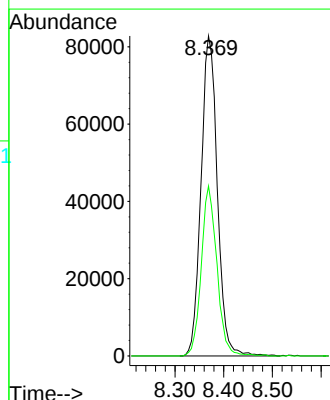
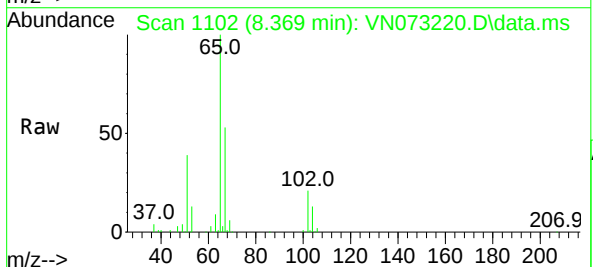
Instrument :
MSVOA_N
ClientSampleId :
MW-1

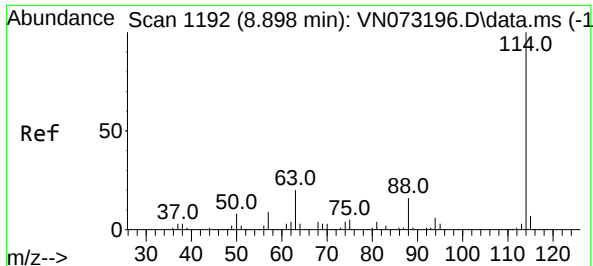
Tgt Ion:168 Resp: 310810
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.912 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 65 Resp: 192541
Ion Ratio Lower Upper
65 100
67 50.9 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: VN073220.D

Acq: 29 Jun 2022 00:41

Instrument :

MSVOA_N

ClientSampleId :

MW-1

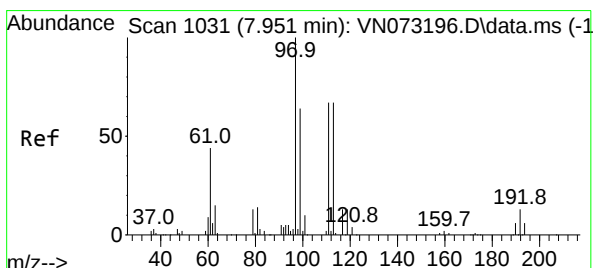
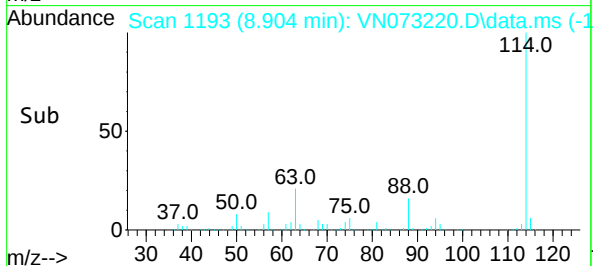
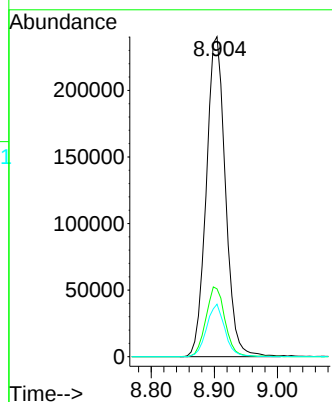
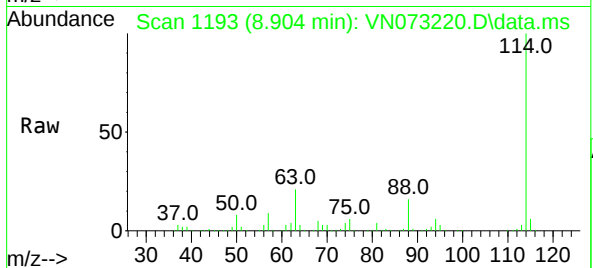
Tgt Ion:114 Resp: 505554

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.682 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073220.D

Acq: 29 Jun 2022 00:41

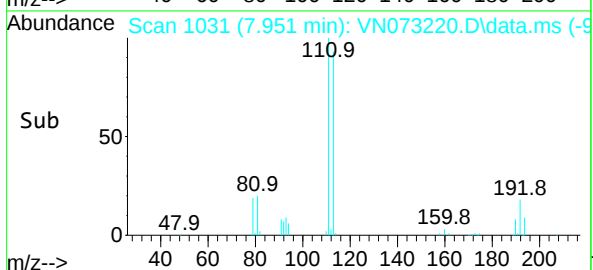
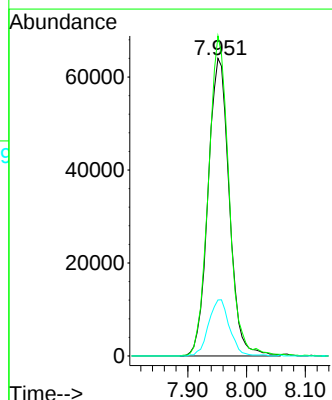
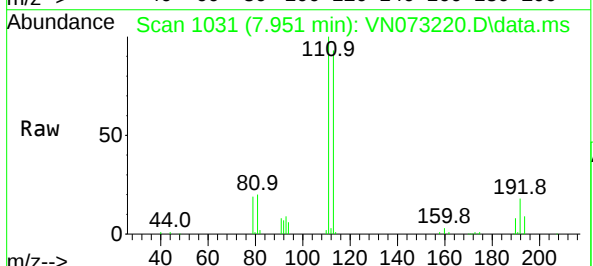
Tgt Ion:113 Resp: 160381

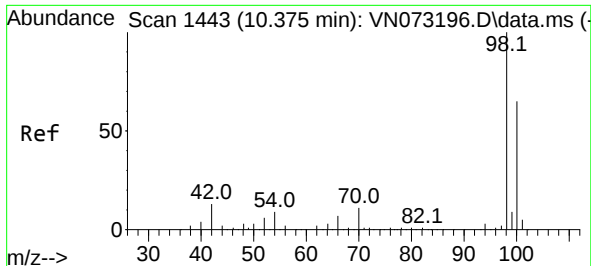
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 18.5 17.0 25.6

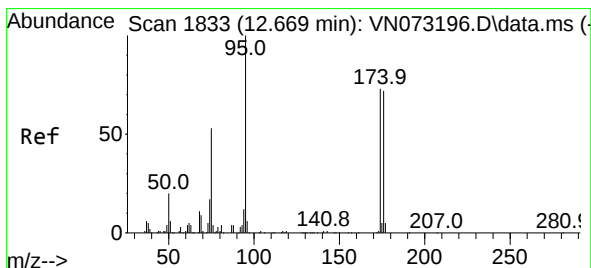
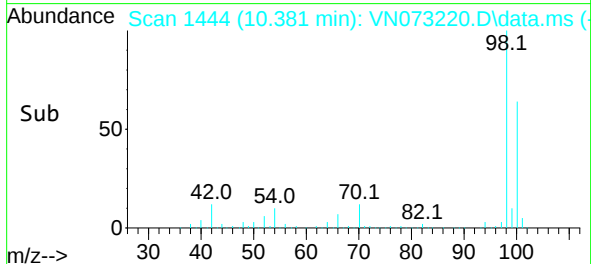
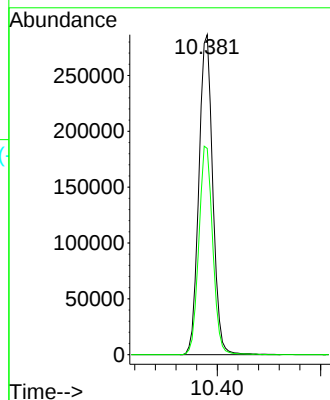
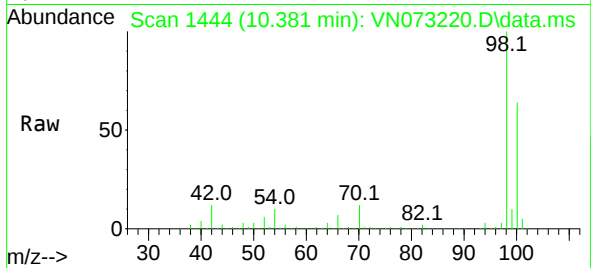




#50
Toluene-d8
Concen: 44.627 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

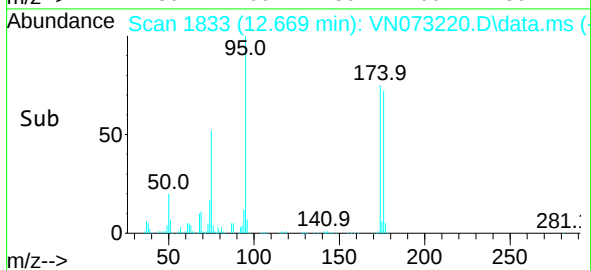
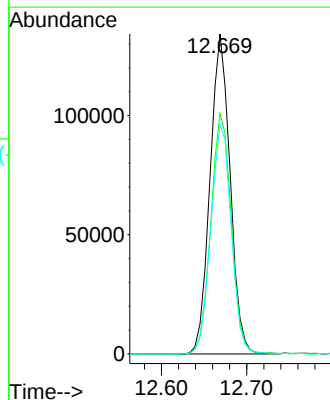
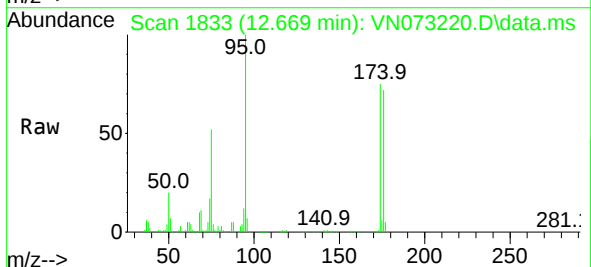
Instrument :
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MW-1

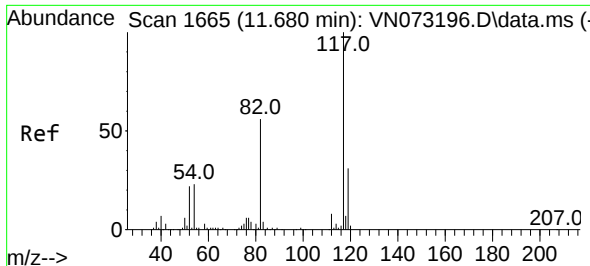
Tgt Ion: 98 Resp: 533124
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 95 Resp: 219231
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 73.1 0.0 163.4

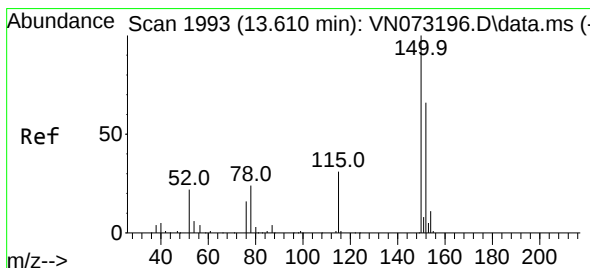
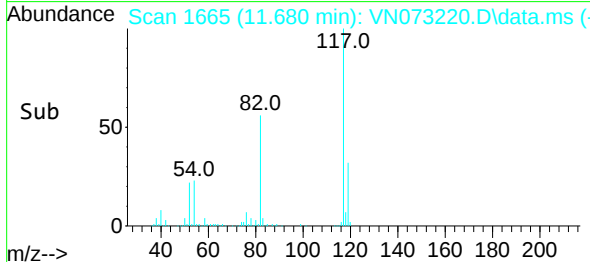
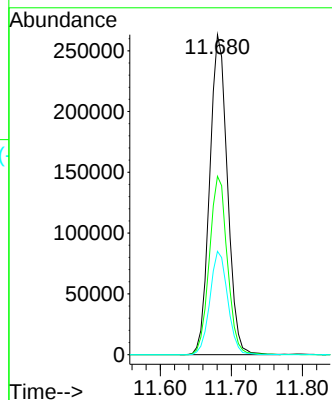
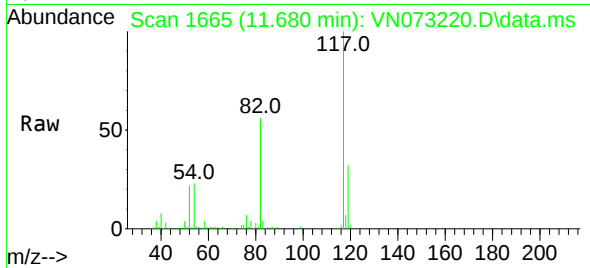




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 456392
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.3 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: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion:152 Resp: 203935
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 159.0 0.0 356.2

