

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073403.D
 Acq On : 08 Jul 2022 19:22
 Operator : JC\MD
 Sample : N3642-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jul 09 05:30:01 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	296348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	503957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	475112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	225648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194554	45.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	7.951	113	161470	48.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.320%
50) Toluene-d8	10.380	98	533793	44.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.669	95	235907	51.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.100%

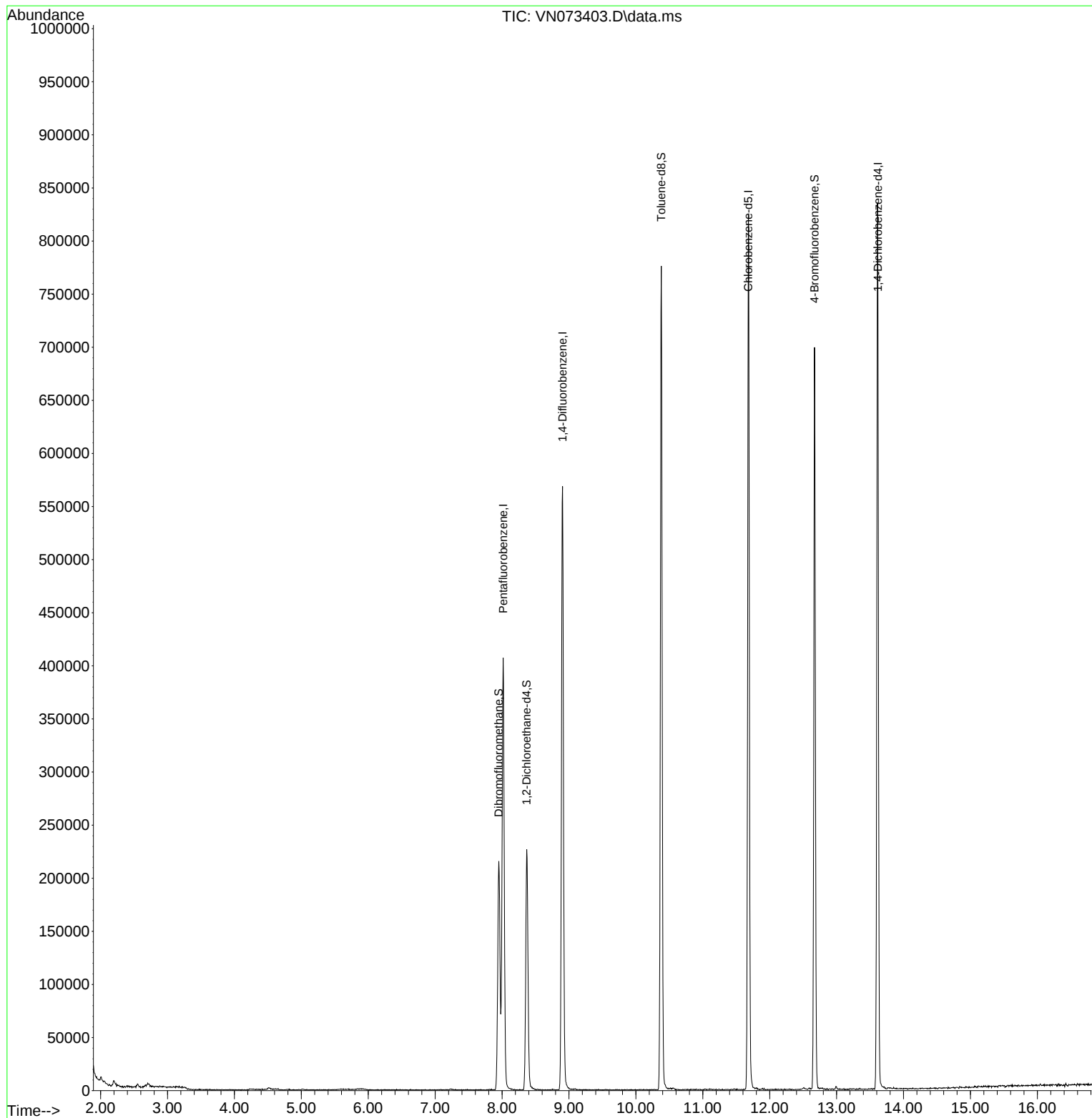
Target Compounds	Qvalue

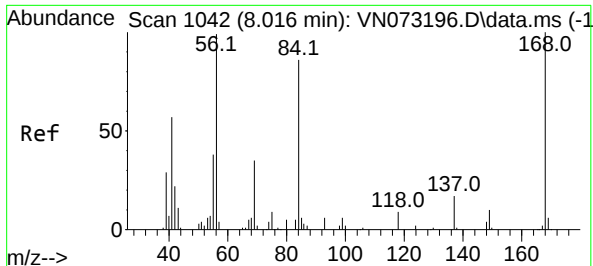
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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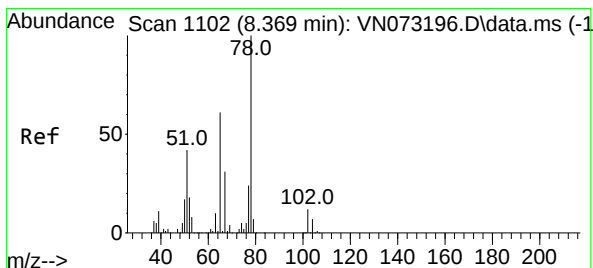
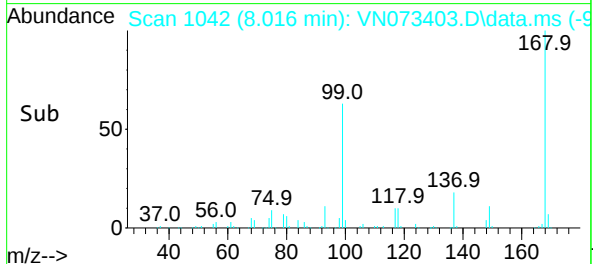
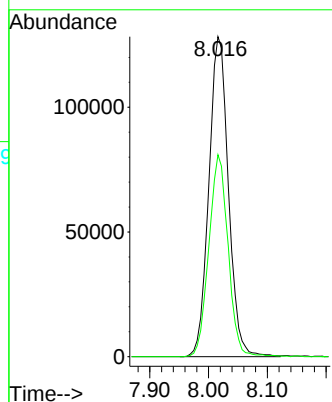
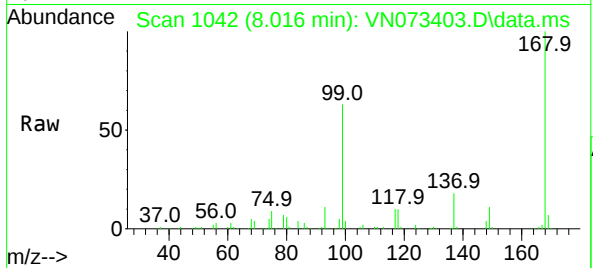




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

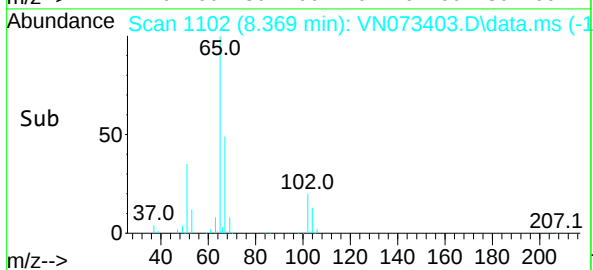
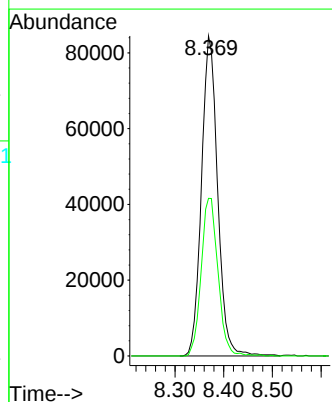
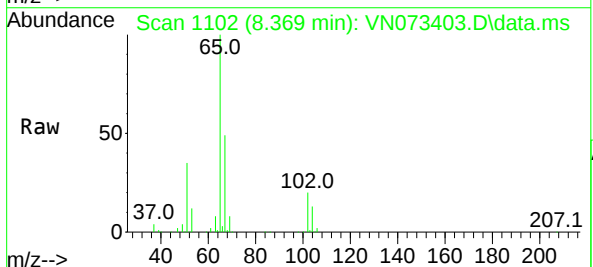
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:168 Resp: 296348
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.477 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion: 65 Resp: 194554
Ion Ratio Lower Upper
65 100
67 51.2 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: VN073403.D

Acq: 08 Jul 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-1

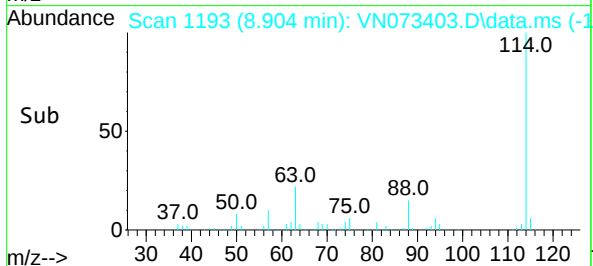
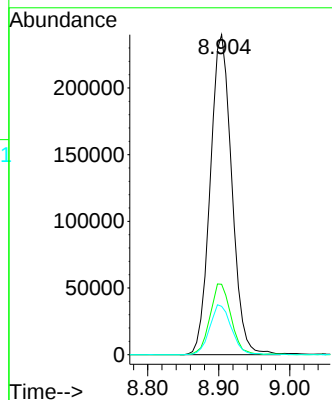
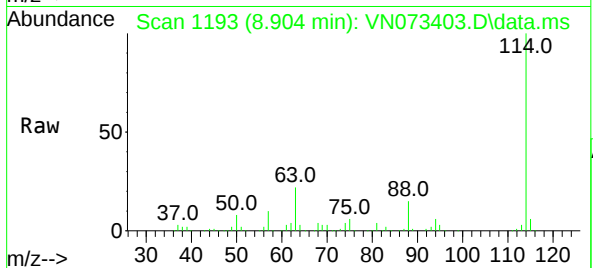
Tgt Ion:114 Resp: 503957

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.158 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073403.D

Acq: 08 Jul 2022 19:22

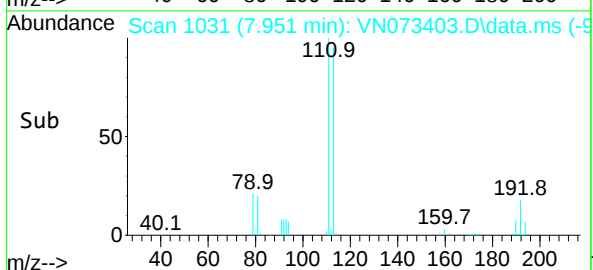
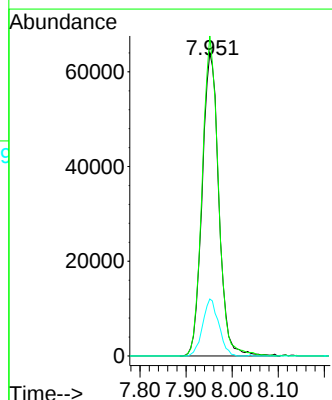
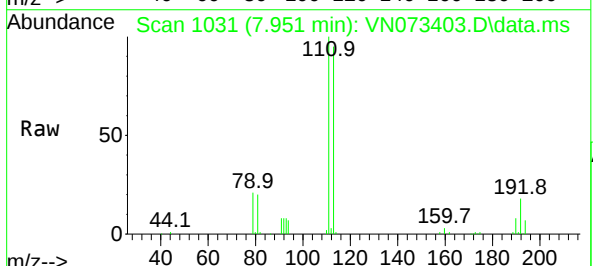
Tgt Ion:113 Resp: 161470

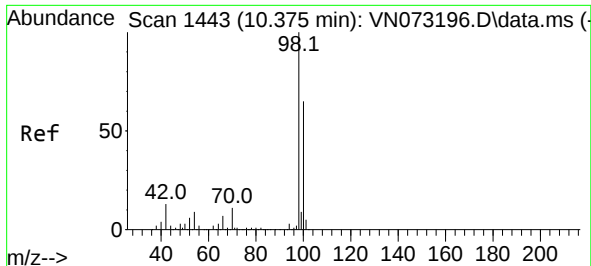
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.1 17.0 25.6

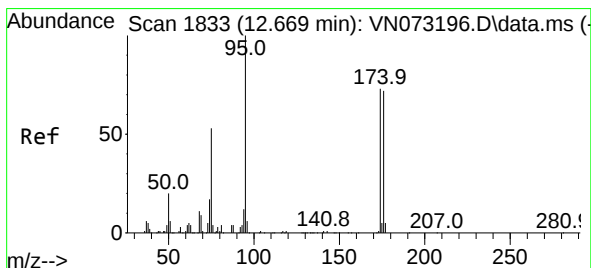
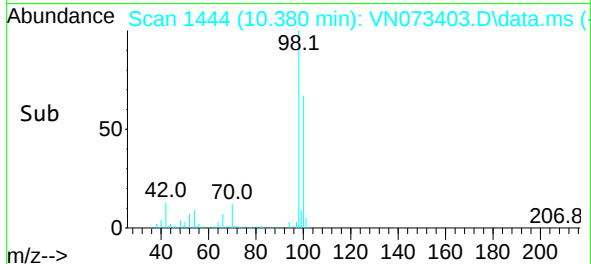
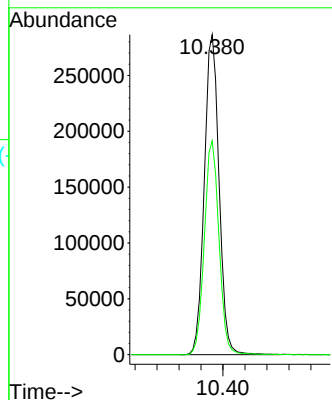
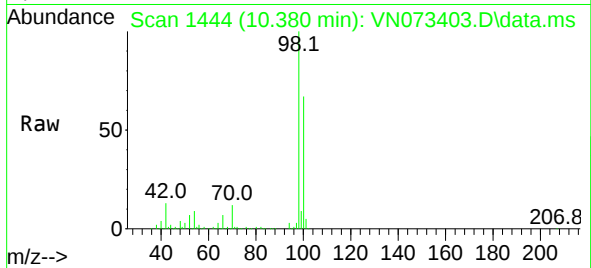




#50
Toluene-d8
Concen: 44.825 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

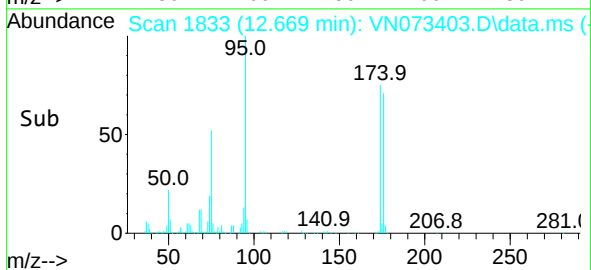
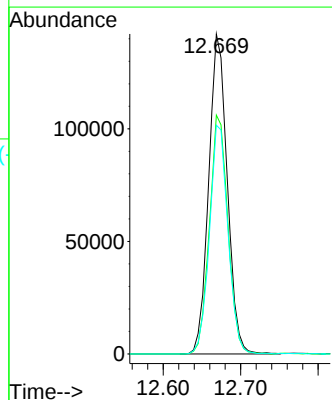
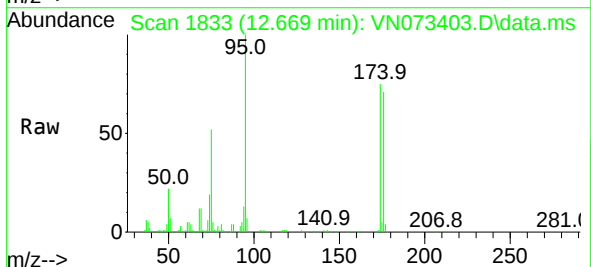
Instrument :
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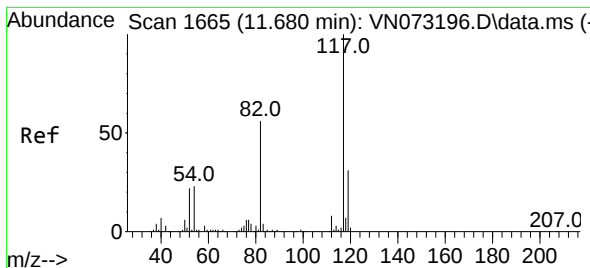
Tgt Ion: 98 Resp: 533793
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.549 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion: 95 Resp: 235907
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 71.5 0.0 163.4

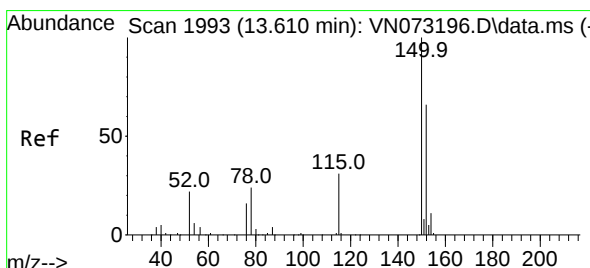
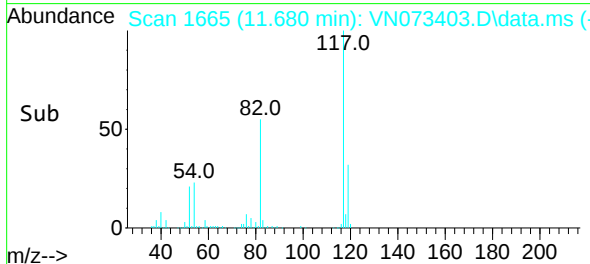
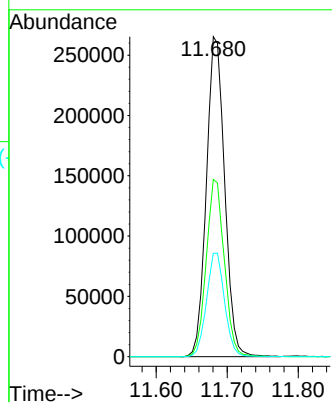
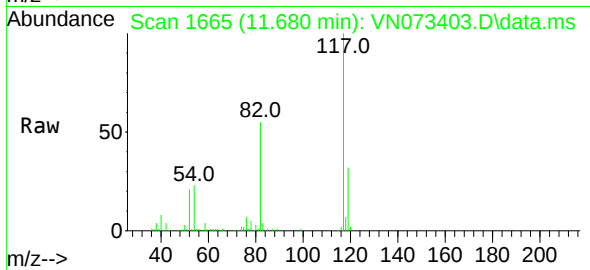




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 475112
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.3 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: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion:152 Resp: 225648
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.7
150 157.0 0.0 356.2

