

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073083.D
 Acq On : 24 Jun 2022 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 23:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	308882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	497708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	443725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	208548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183834	44.021	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.040%
35) Dibromofluoromethane	7.951	113	156492	50.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	10.381	98	514209	44.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.669	95	216915	52.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%

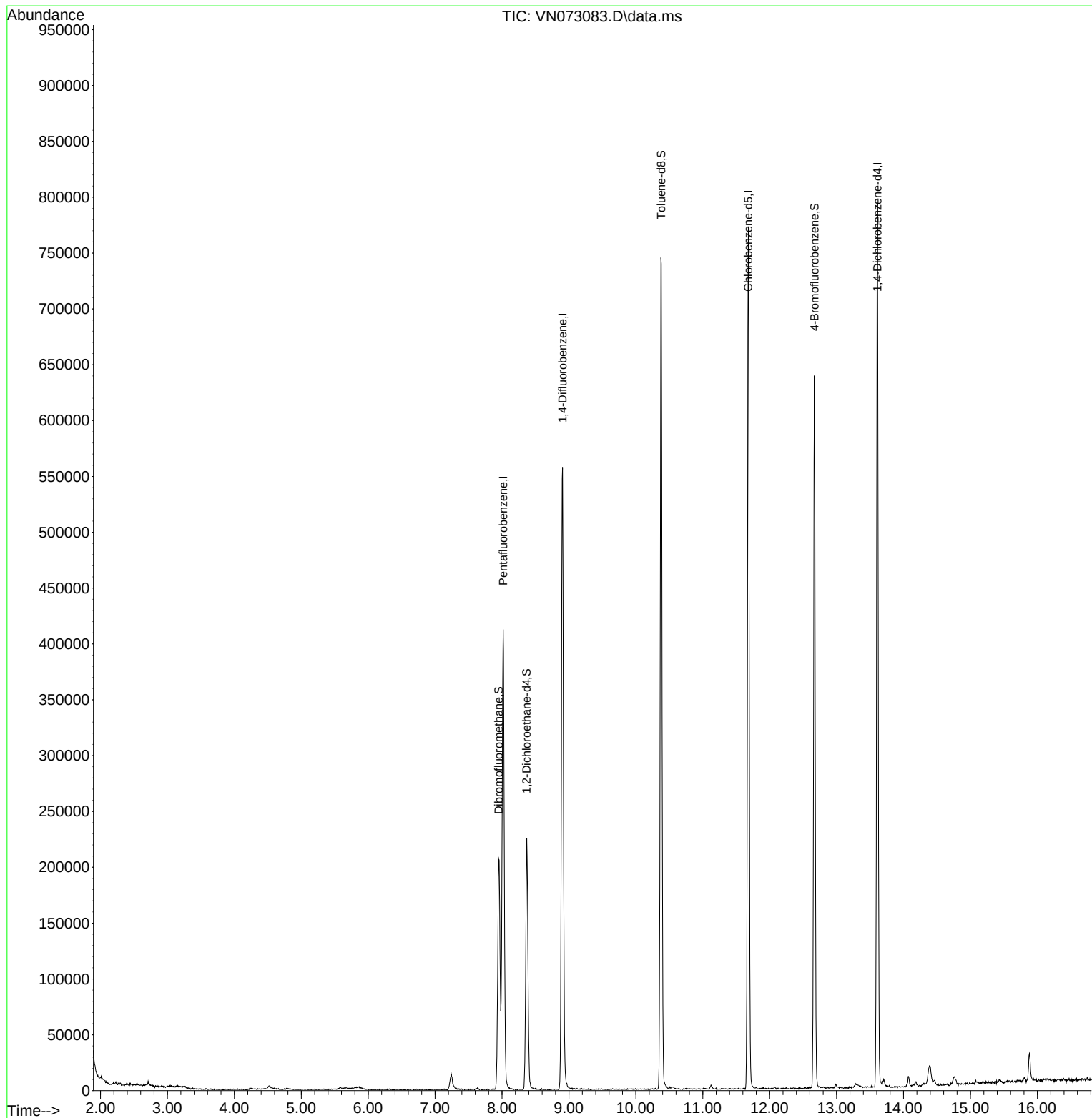
Target Compounds	Qvalue

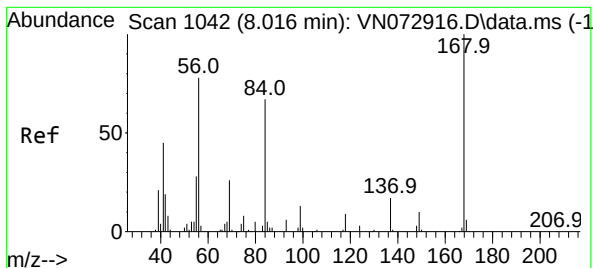
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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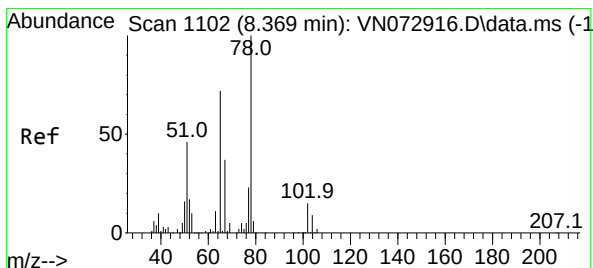
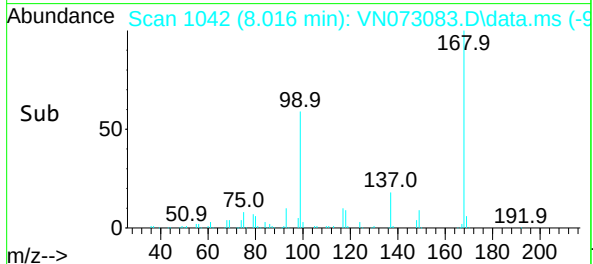
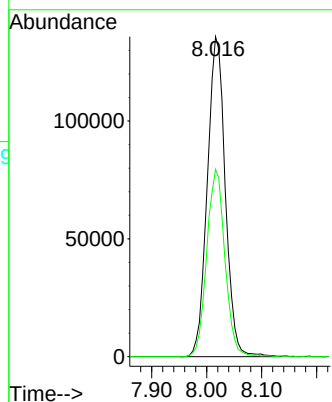
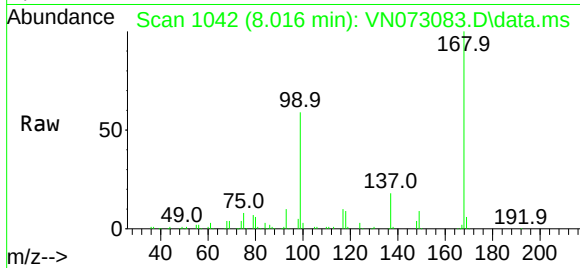




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

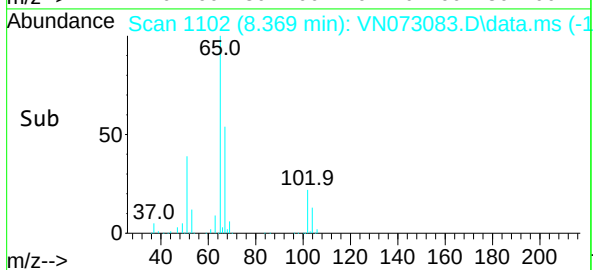
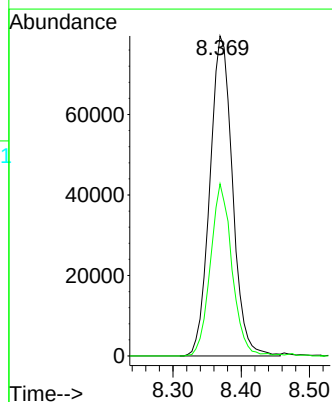
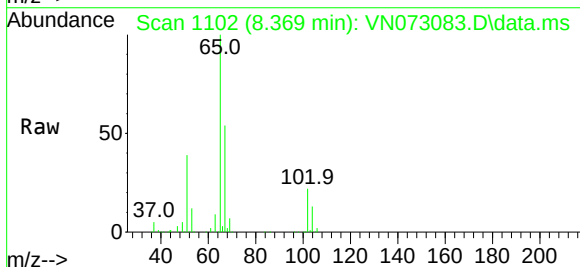
Instrument :
MSVOA_N
ClientSampleId :
IBLK

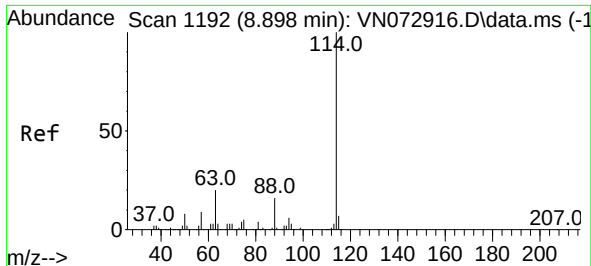
Tgt Ion:168 Resp: 308882
Ion Ratio Lower Upper
168 100
99 58.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.021 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 65 Resp: 183834
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

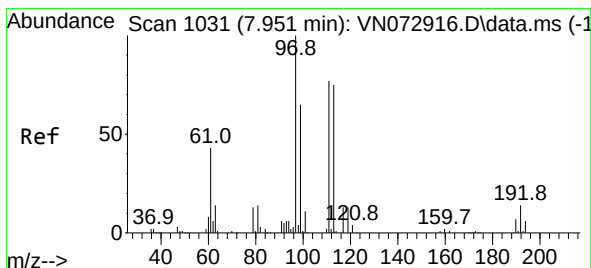
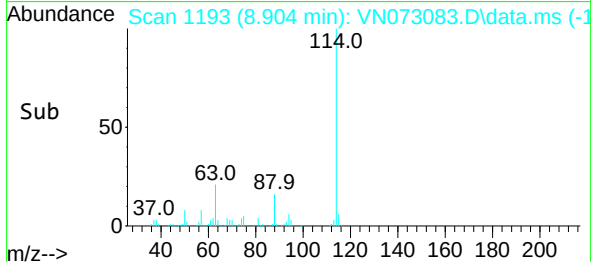
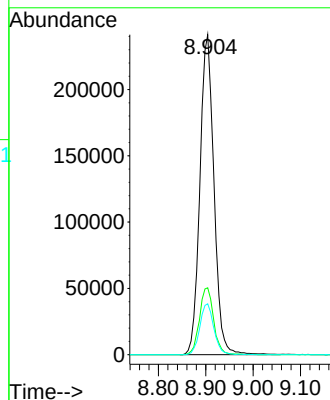
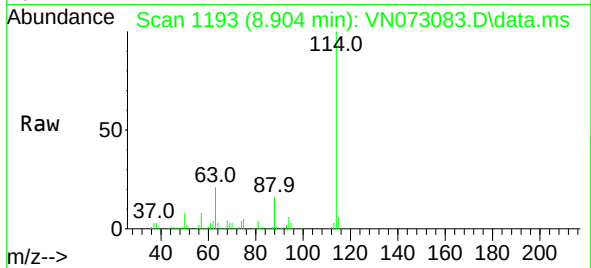




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

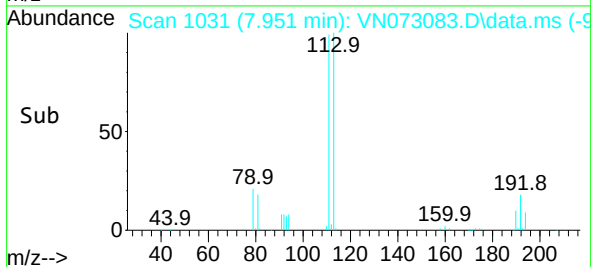
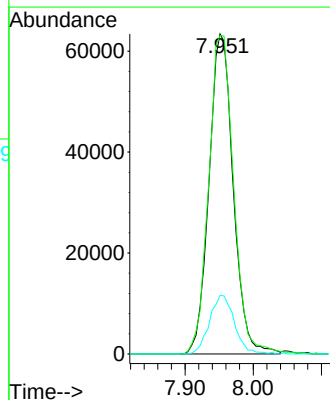
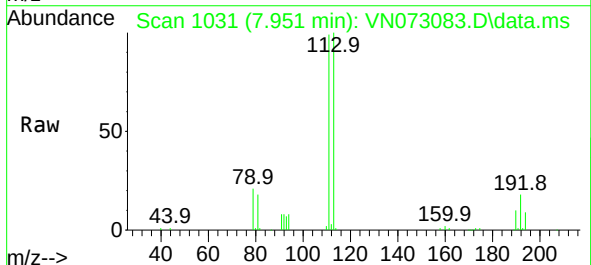
Instrument :
MSVOA_N
ClientSampleId :
IBLK

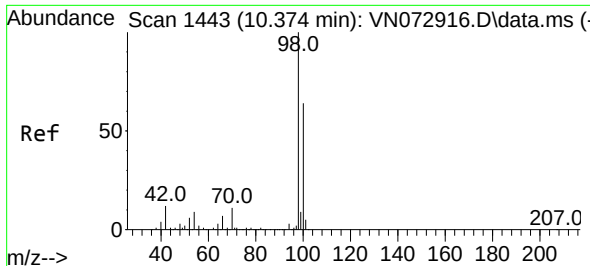
Tgt Ion:114 Resp: 497708
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.870 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion:113 Resp: 156492
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.9 17.0 25.6

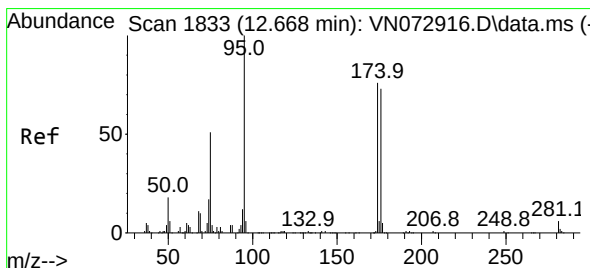
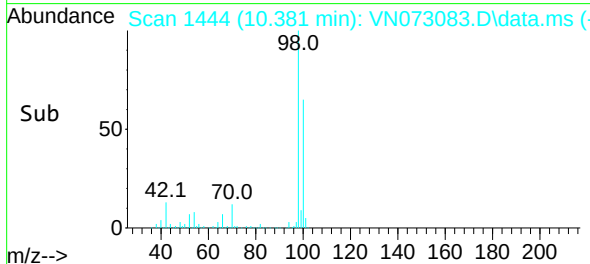
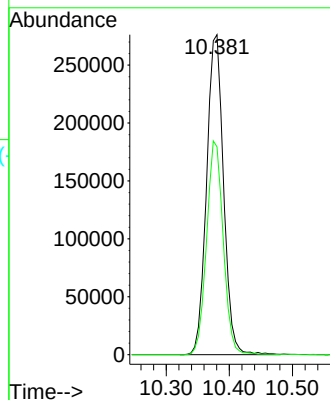
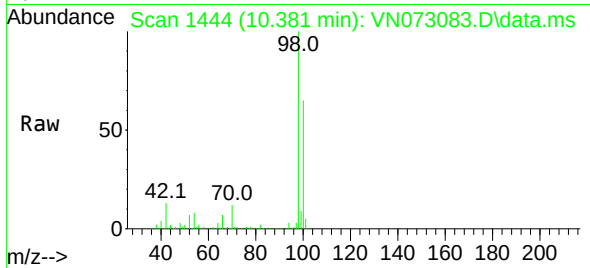




#50
Toluene-d8
Concen: 44.921 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

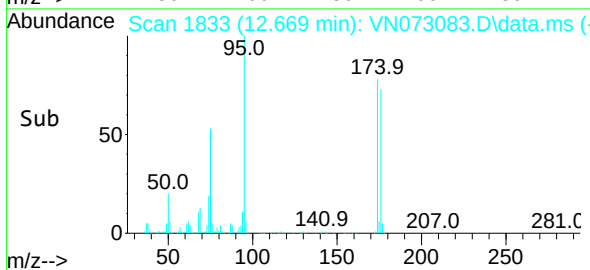
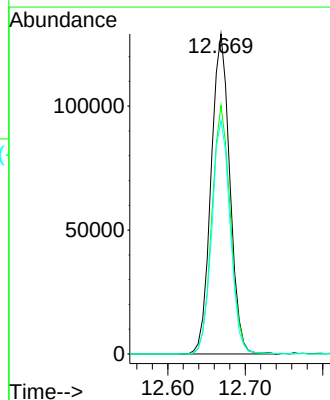
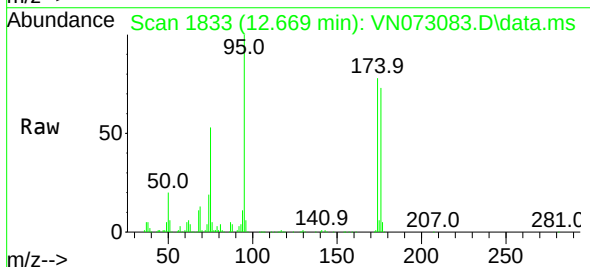
Instrument :
MSVOA_N
ClientSampleId :
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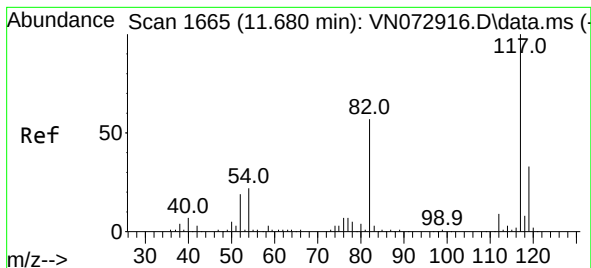
Tgt Ion: 98 Resp: 514209
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.698 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 95 Resp: 216915
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 71.9 0.0 163.4

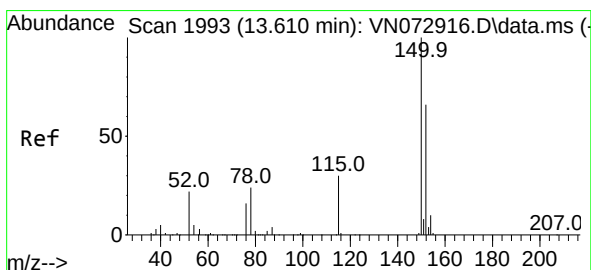
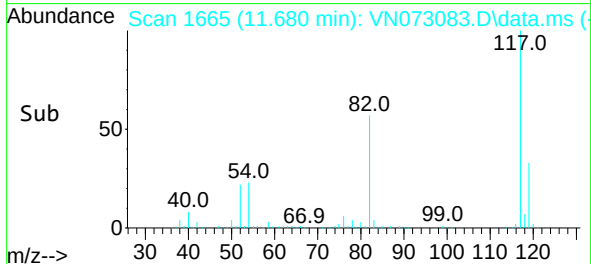
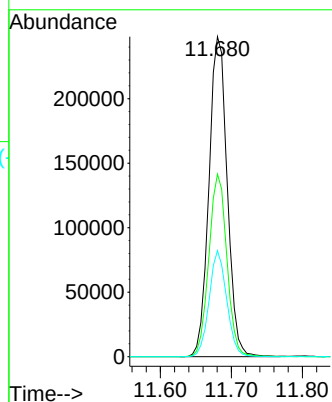
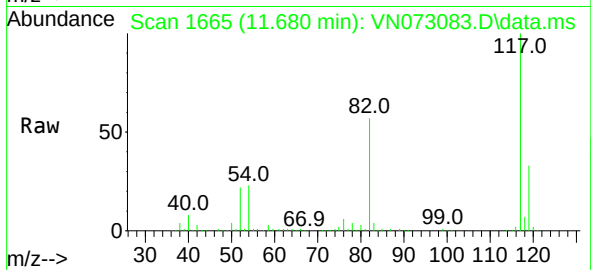




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 443725
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.2 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: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion:152 Resp: 208548
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 158.4 0.0 356.2

