

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074317.D
 Acq On : 03 Sep 2022 15:00
 Operator : JC\MD
 Sample : VN0903WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBL01

Quant Time: Sep 05 05:34:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	313280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	568392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	557680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	249380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	229733	47.043	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.080%
35) Dibromofluoromethane	7.951	113	202587	53.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.580%
50) Toluene-d8	10.380	98	683256	46.005	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.668	95	255836	47.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%

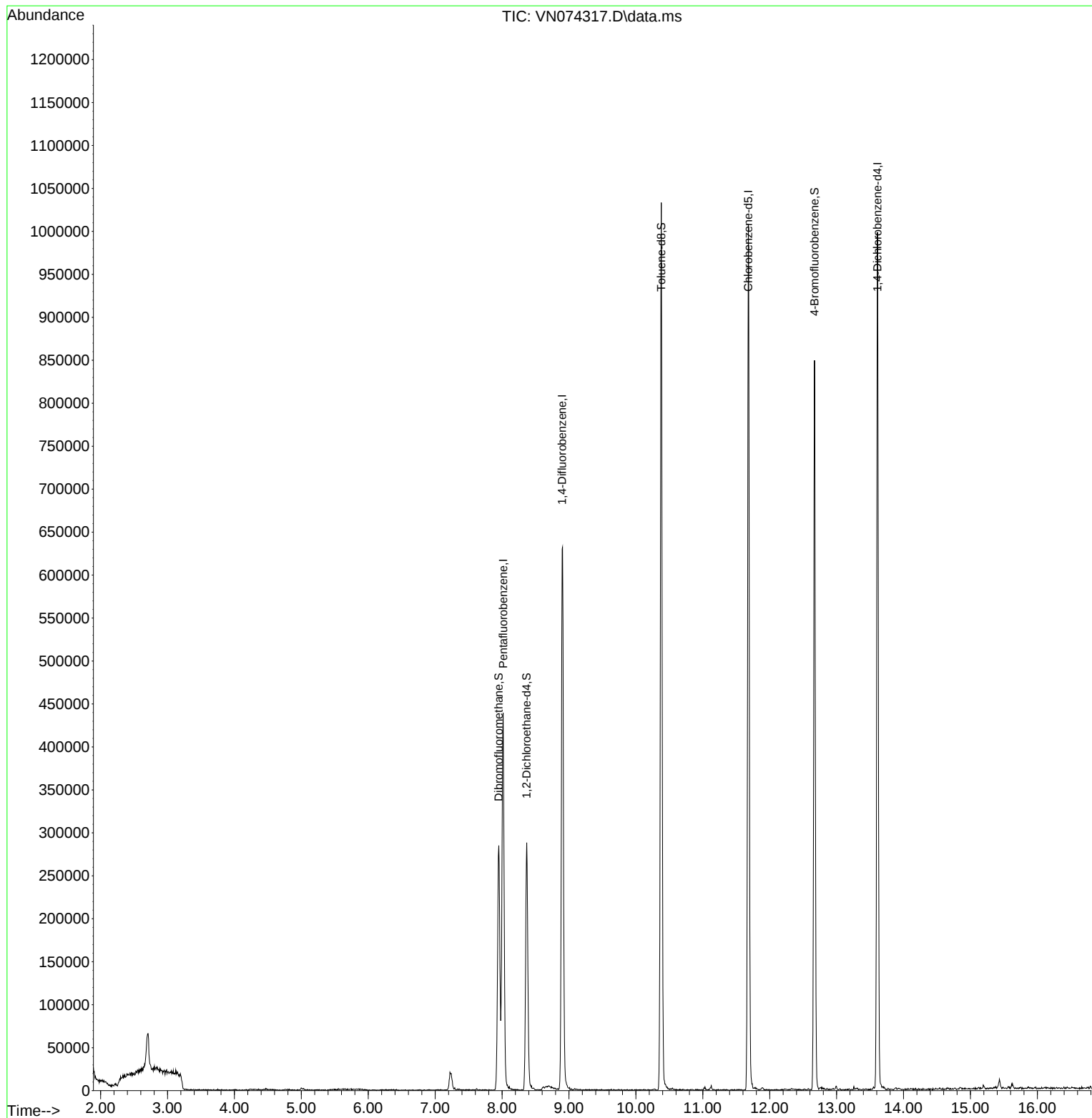
Target Compounds	Qvalue

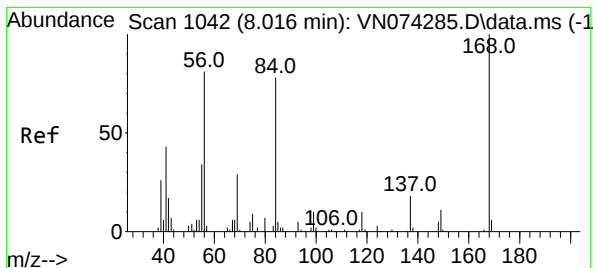
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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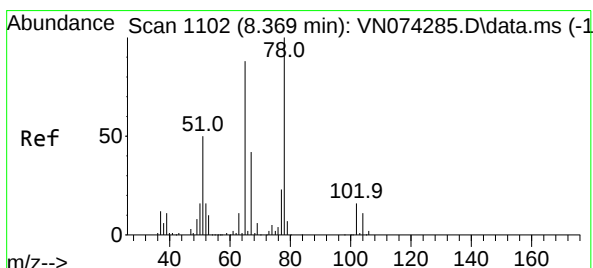
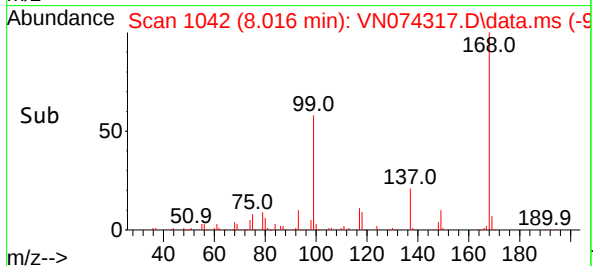
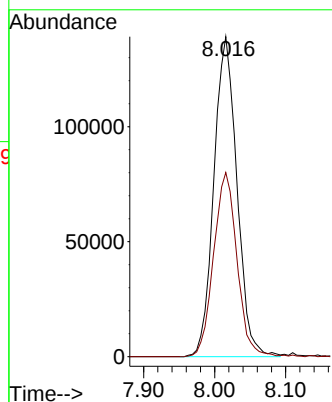
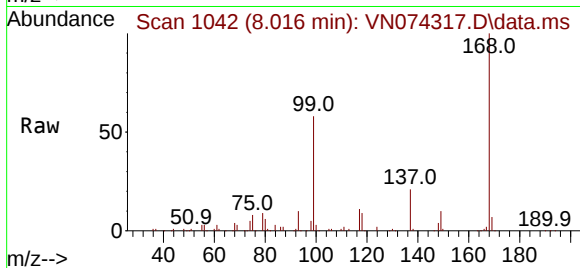




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074317.D
Acq: 03 Sep 2022 15:00

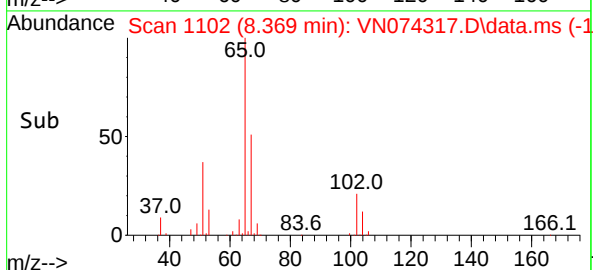
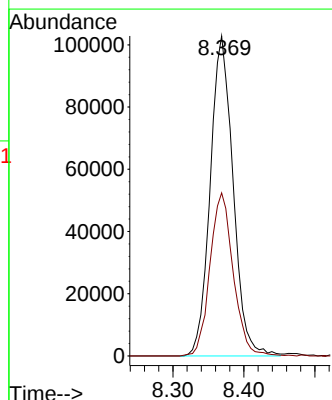
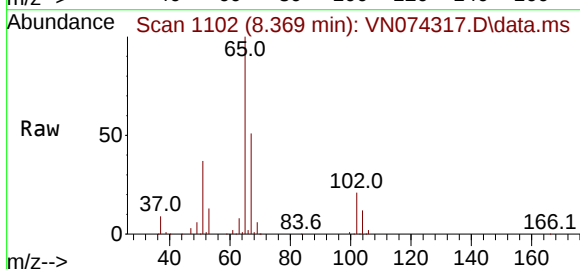
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBL01

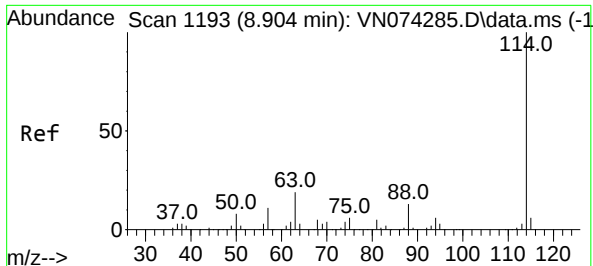
Tgt Ion:168 Resp: 313280
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.043 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074317.D
Acq: 03 Sep 2022 15:00

Tgt Ion: 65 Resp: 229733
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VN074317.D

Acq: 03 Sep 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBL01

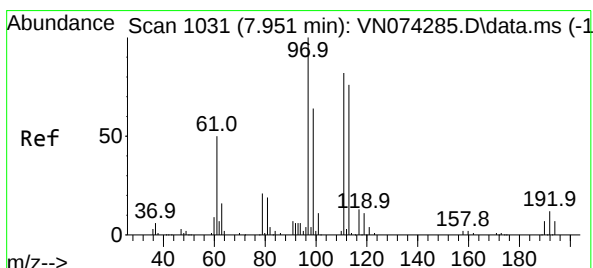
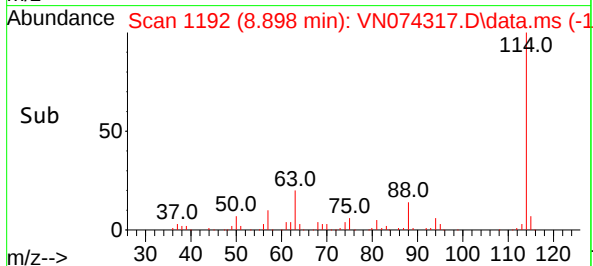
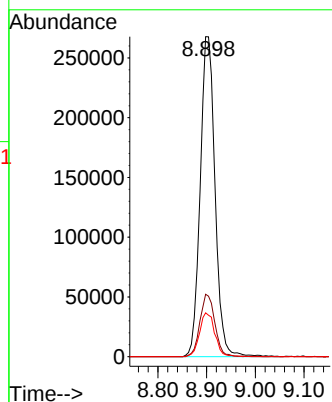
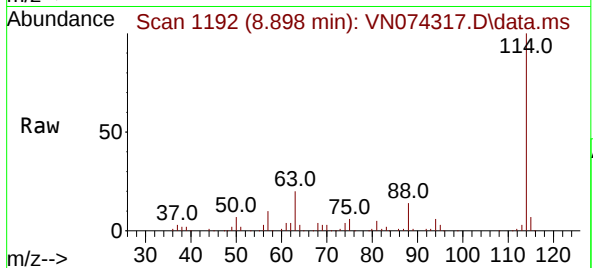
Tgt Ion:114 Resp: 568392

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 13.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.787 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074317.D

Acq: 03 Sep 2022 15:00

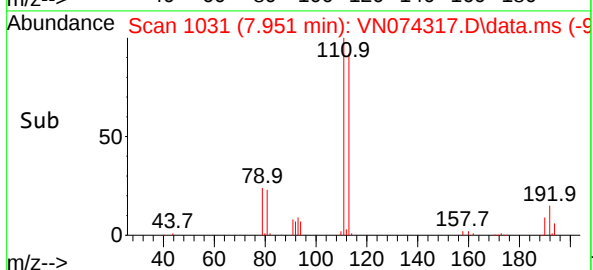
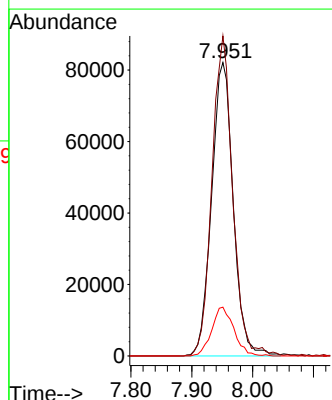
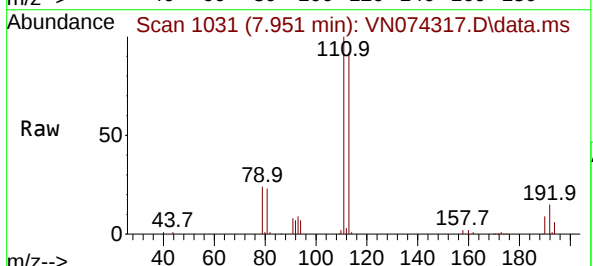
Tgt Ion:113 Resp: 202587

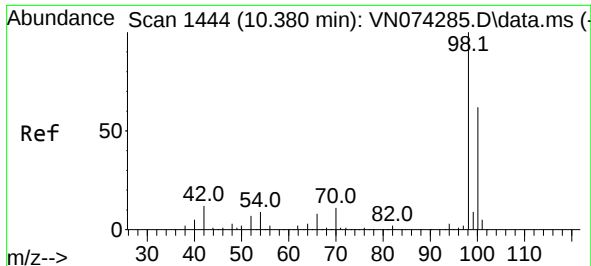
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 17.1 17.0 25.6

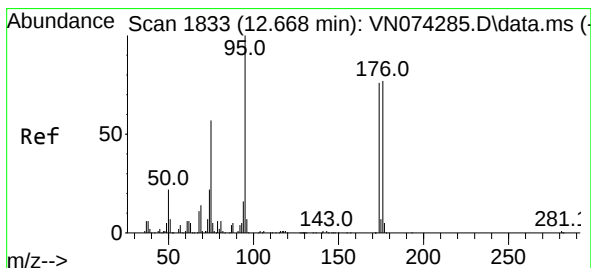
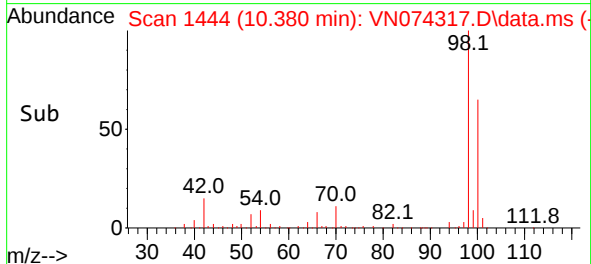
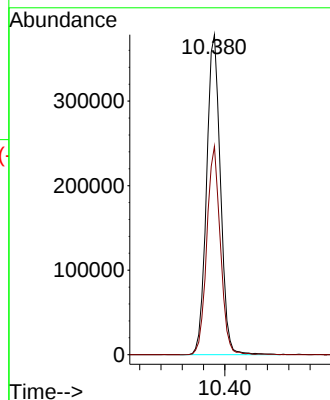
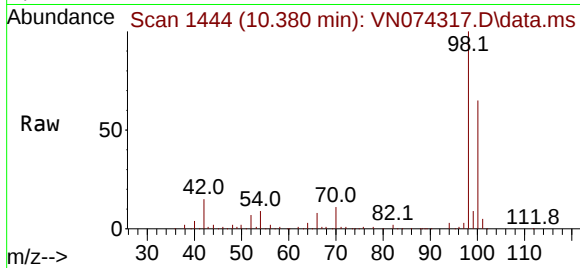




#50
Toluene-d8
Concen: 46.005 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074317.D
Acq: 03 Sep 2022 15:00

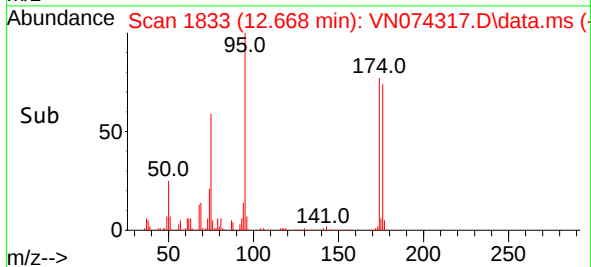
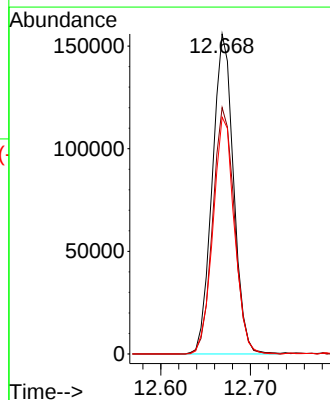
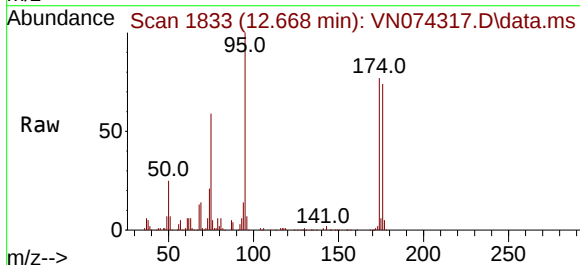
Instrument :
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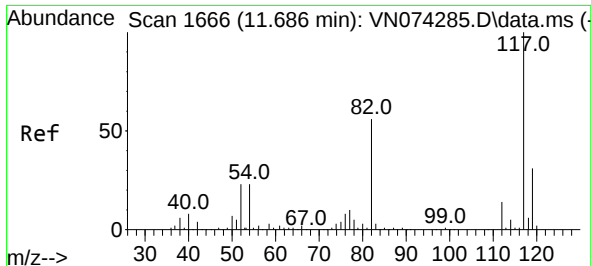
Tgt Ion: 98 Resp: 683256
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074317.D
Acq: 03 Sep 2022 15:00

Tgt Ion: 95 Resp: 255836
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 74.7 0.0 163.4

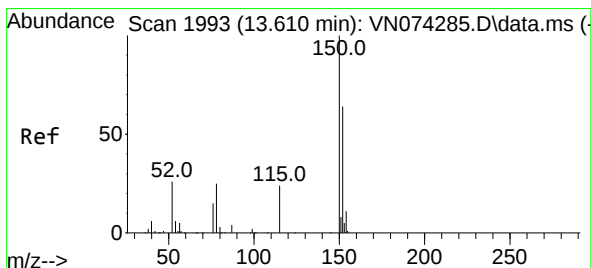
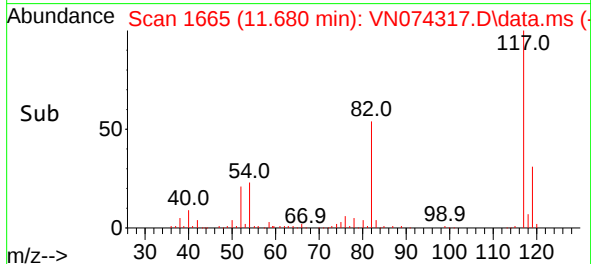
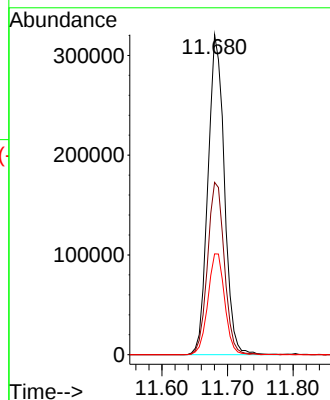
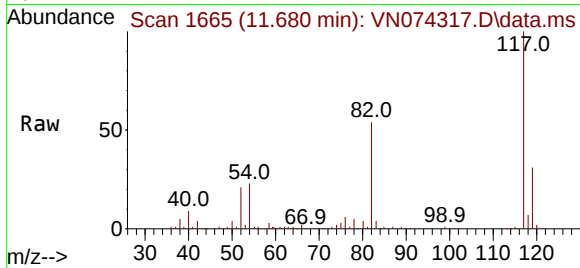




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074317.D
Acq: 03 Sep 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBL01

Tgt Ion:117 Resp: 557680
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.5 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: VN074317.D
Acq: 03 Sep 2022 15:00

Tgt Ion:152 Resp: 249380
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 156.9 0.0 356.2

