

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074003.D
 Acq On : 18 Aug 2022 14:34
 Operator : JC\MD
 Sample : N4229-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106D

Quant Time: Aug 18 23:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	616989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	899576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	865421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	453059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	298943	49.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	7.951	113	288088	54.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.300%
50) Toluene-d8	10.381	98	944406	45.836	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.674	95	394309	57.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.320%

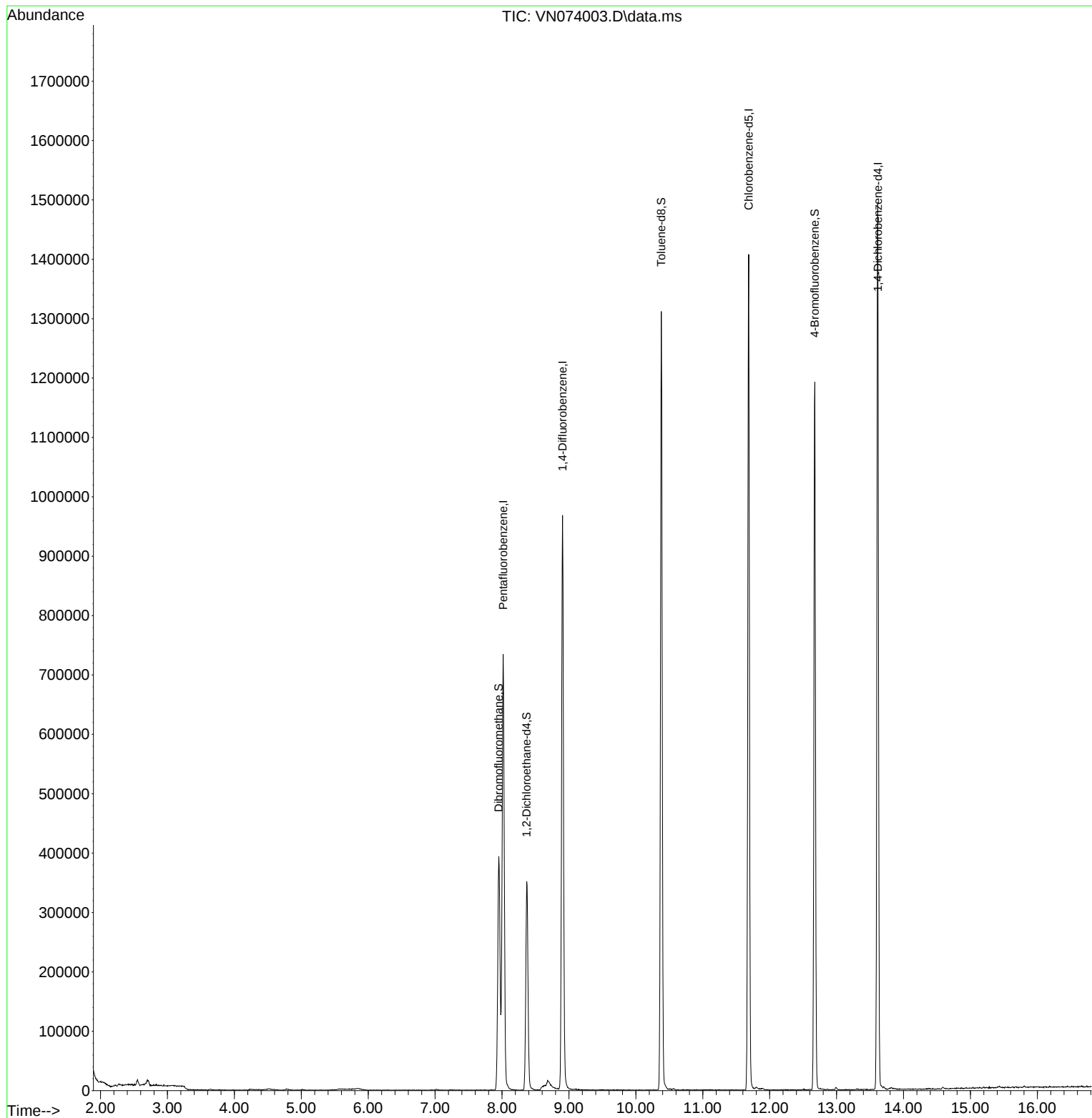
Target Compounds	Qvalue

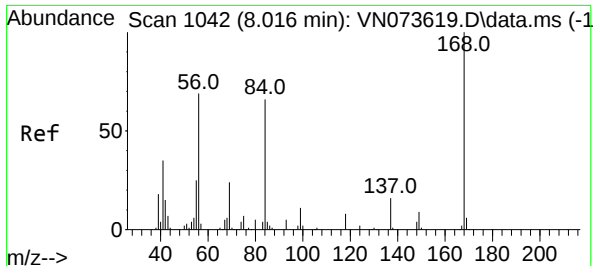
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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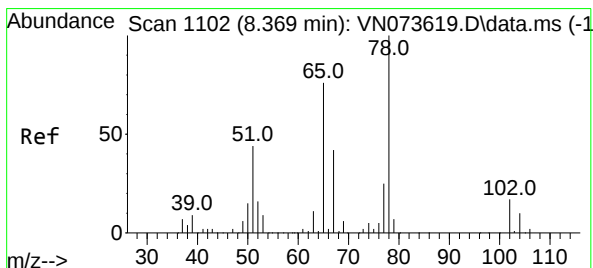
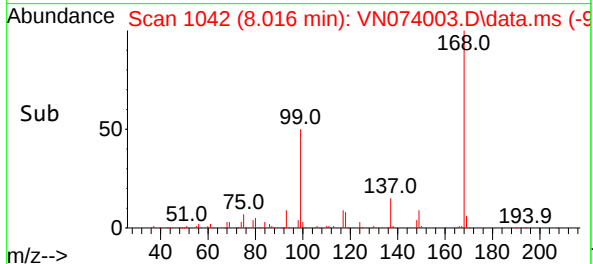
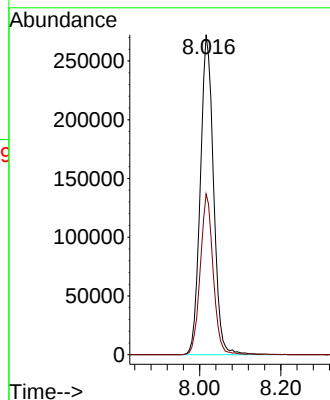
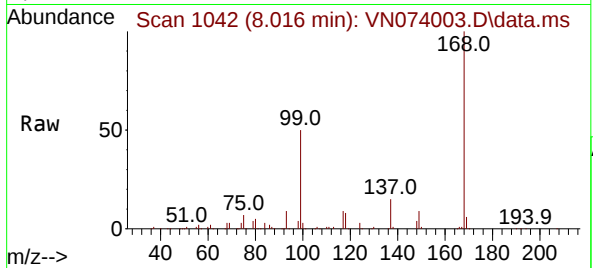




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

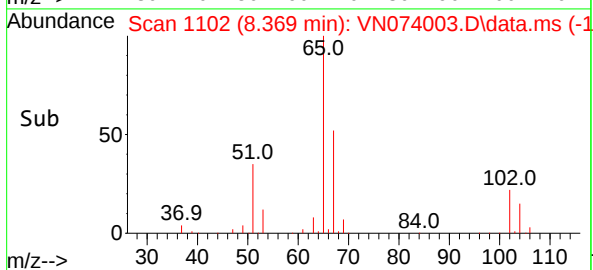
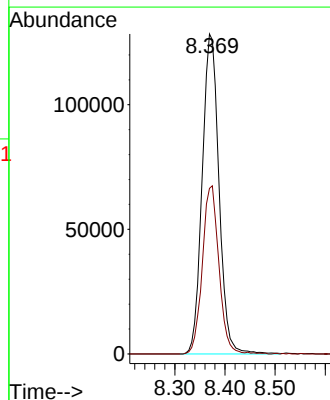
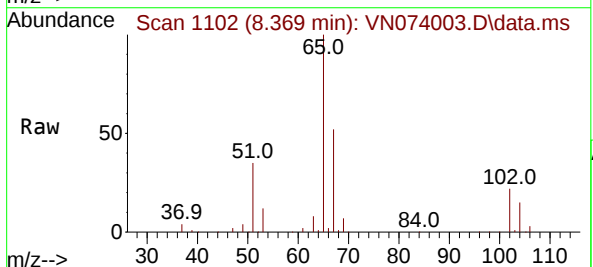
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

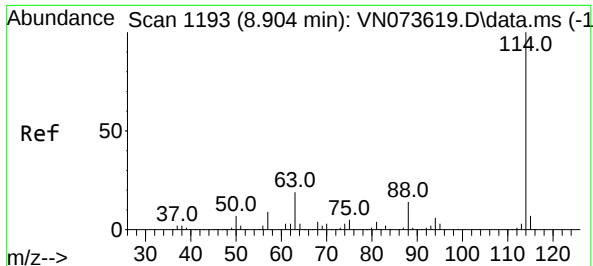
Tgt Ion:168 Resp: 616989
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.746 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion: 65 Resp: 298943
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

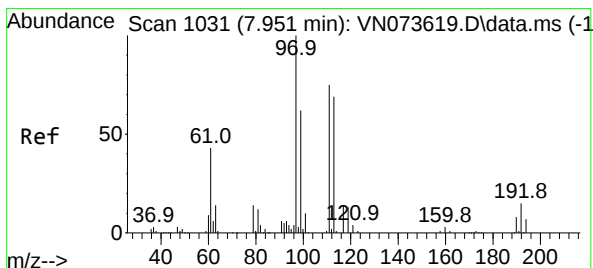
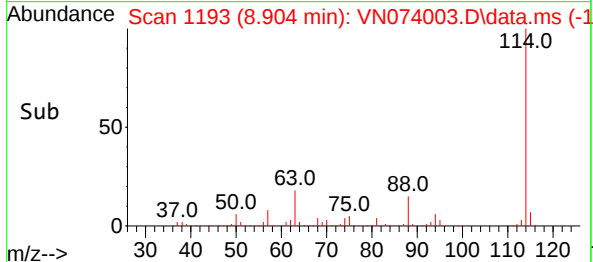
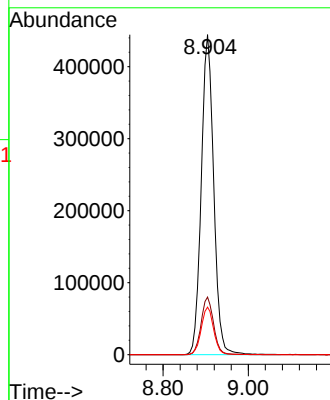
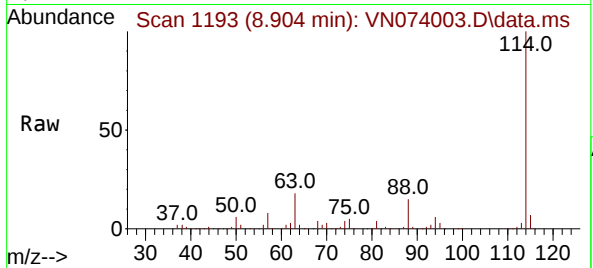




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

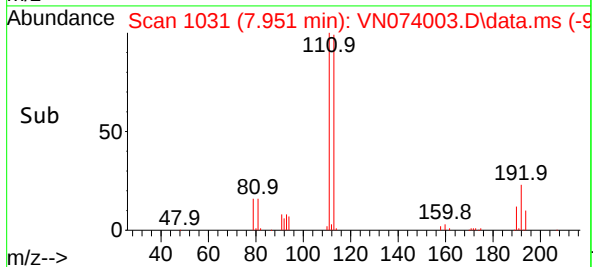
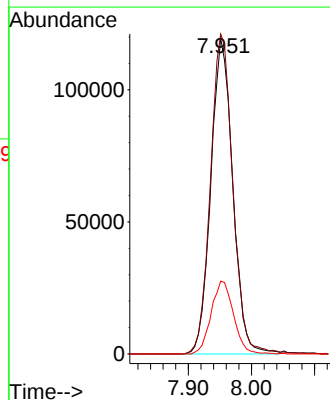
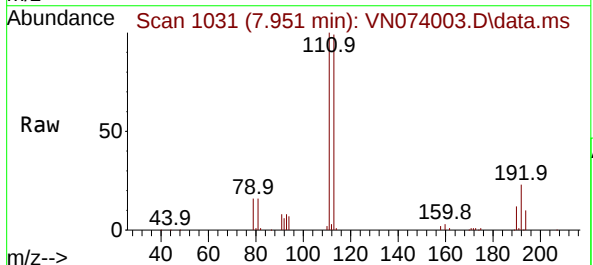
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

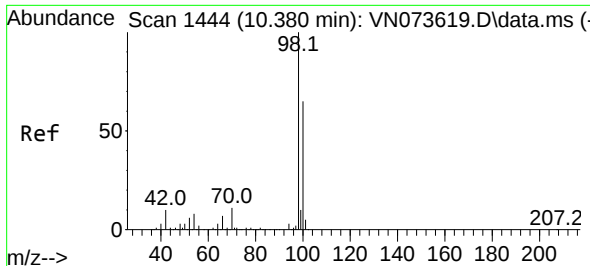
Tgt Ion:114 Resp: 899576
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.0
88 14.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.152 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion:113 Resp: 288088
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 23.5 17.0 25.6

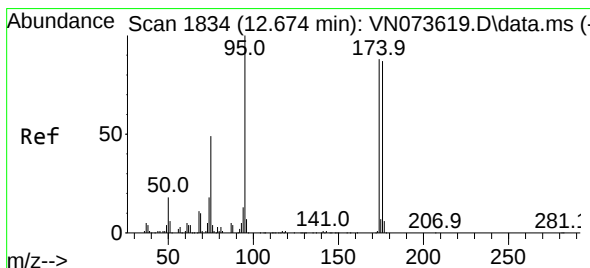
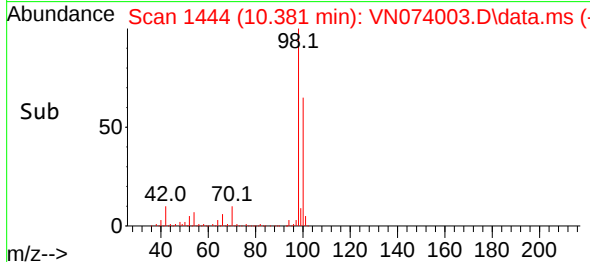
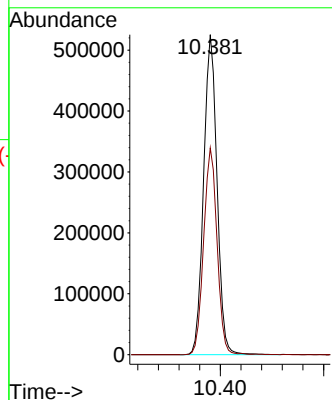
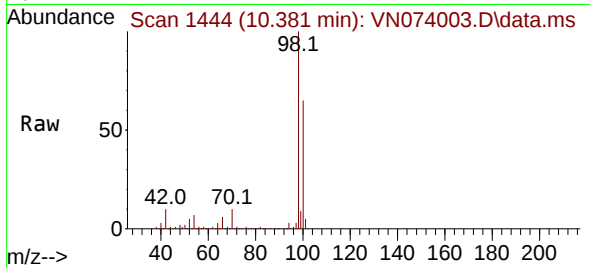




#50
Toluene-d8
Concen: 45.836 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

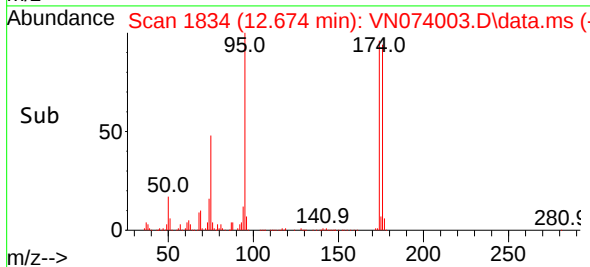
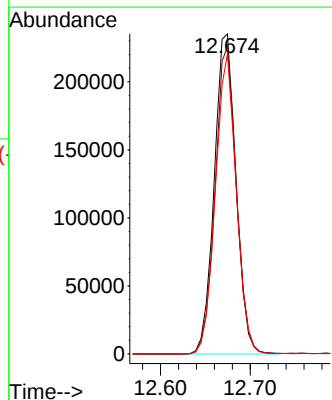
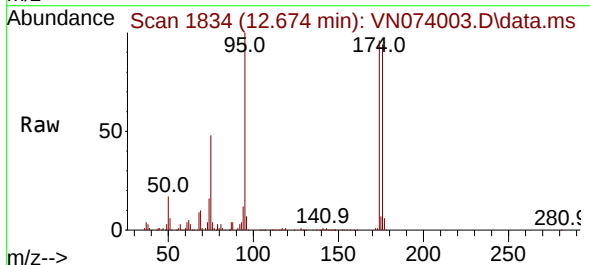
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

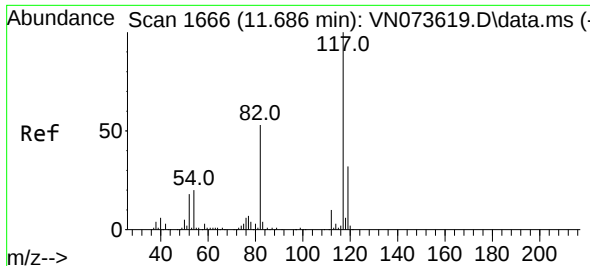
Tgt Ion: 98 Resp: 944406
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.664 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion: 95 Resp: 394309
Ion Ratio Lower Upper
95 100
174 94.5 0.0 167.6
176 90.1 0.0 163.4

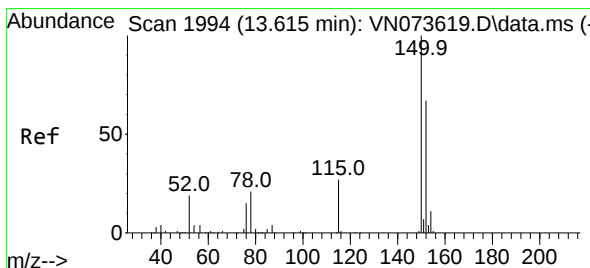
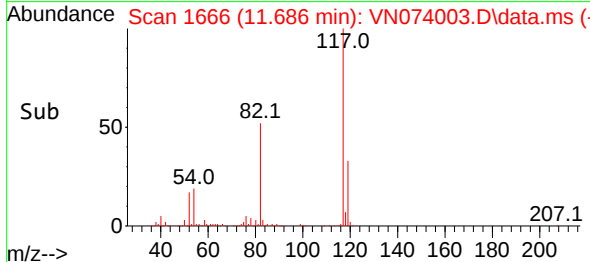
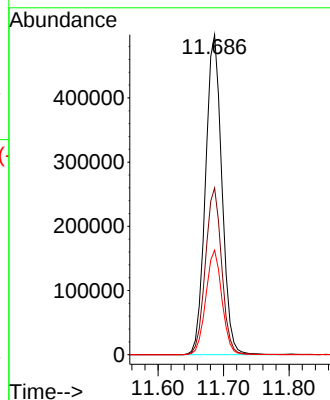
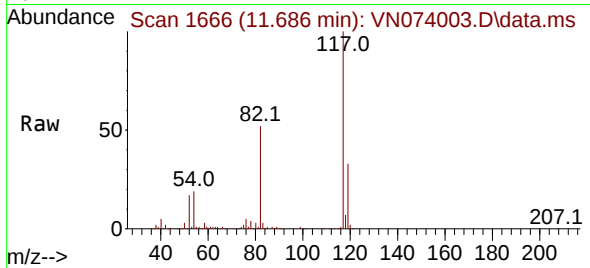




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Instrument :
MSVOA_N
ClientSampleId :
MW-106D

Tgt Ion:117 Resp: 865421
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074003.D
Acq: 18 Aug 2022 14:34

Tgt Ion:152 Resp: 453059
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 155.8 0.0 356.2

