

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074416.D
 Acq On : 12 Sep 2022 18:21
 Operator : JC\MD
 Sample : N4558-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-258-260

Quant Time: Sep 13 06:27:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	301757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.910	114	532993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	510779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	228100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	233167	44.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.320%
35) Dibromofluoromethane	7.951	113	188783	52.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.940%
50) Toluene-d8	10.380	98	635371	45.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.640%
62) 4-Bromofluorobenzene	12.674	95	255881	50.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%

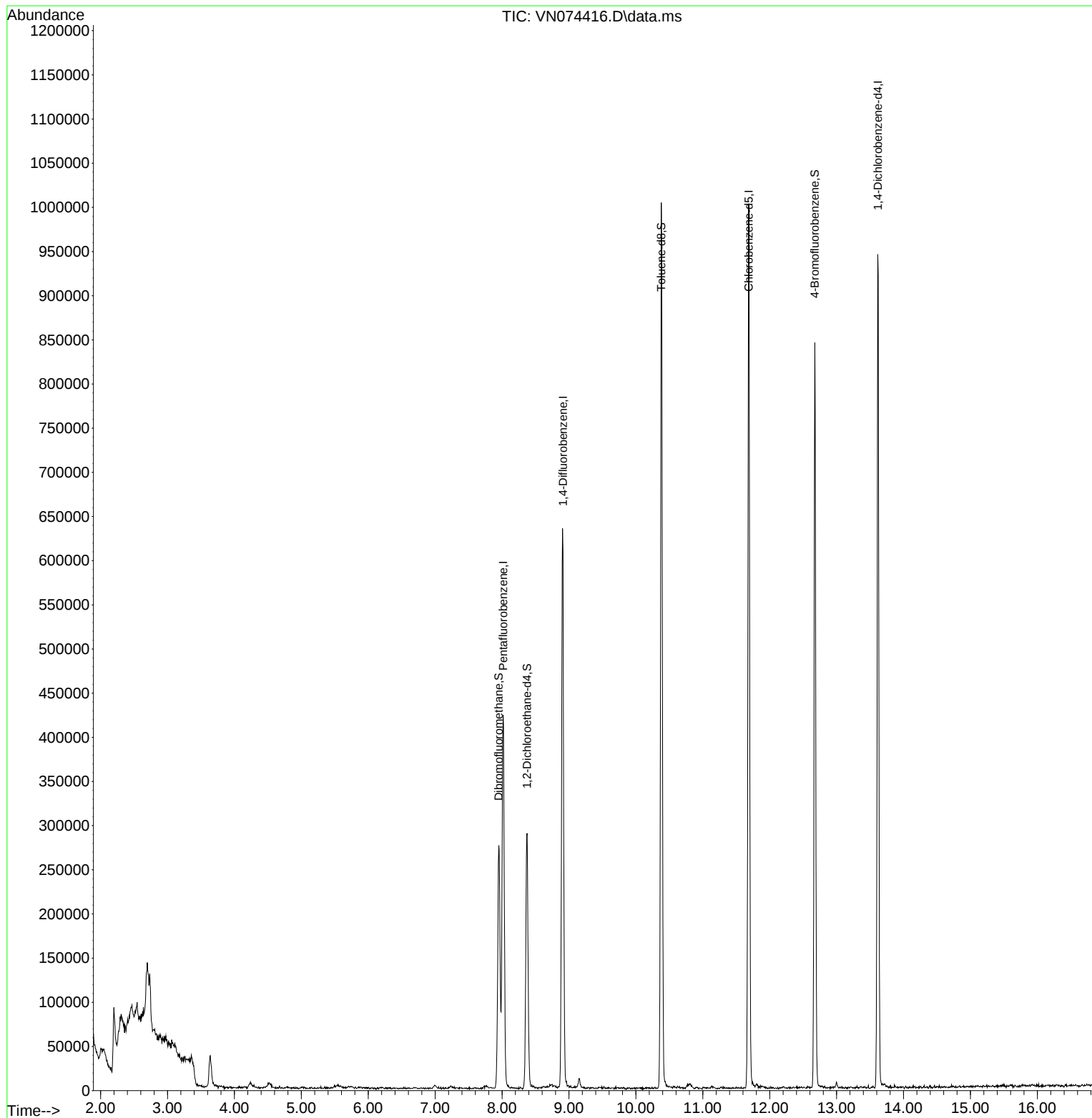
Target Compounds	Qvalue

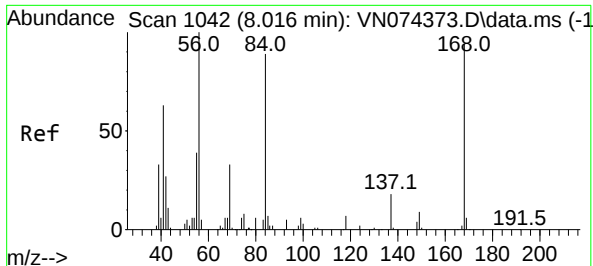
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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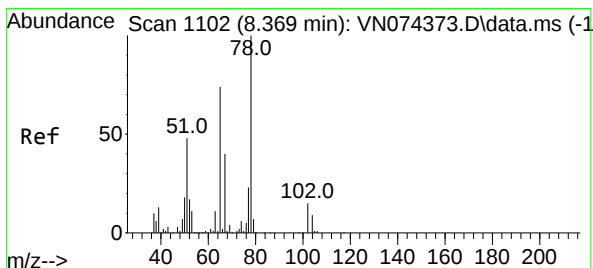
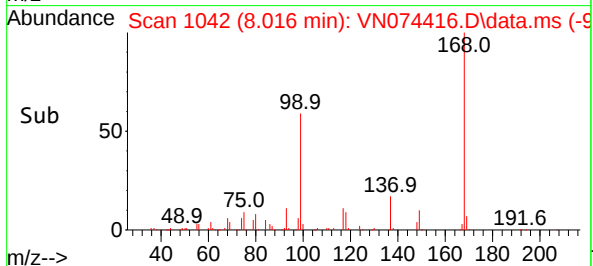
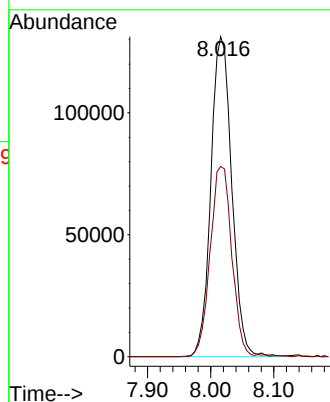
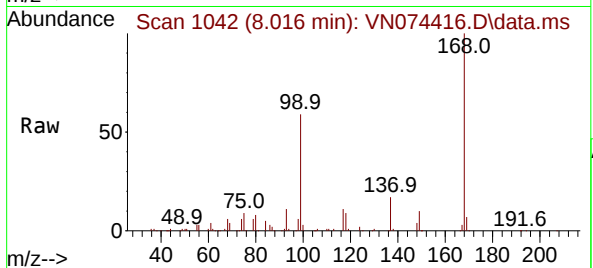




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074416.D
Acq: 12 Sep 2022 18:21

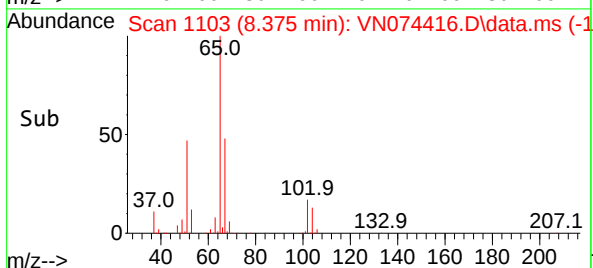
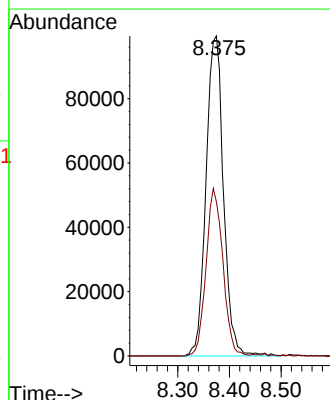
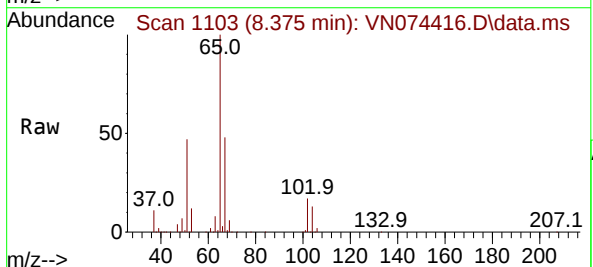
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-258-260

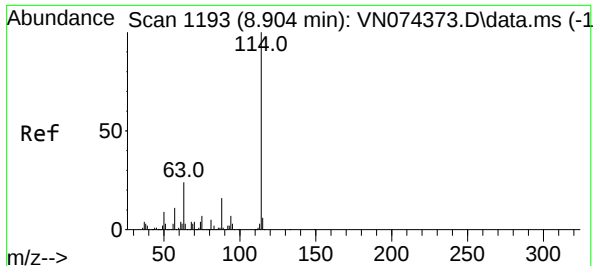
Tgt Ion:168 Resp: 301757
Ion Ratio Lower Upper
168 100
99 59.5 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 44.661 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074416.D
Acq: 12 Sep 2022 18:21

Tgt Ion: 65 Resp: 233167
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.910 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VN074416.D

Acq: 12 Sep 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-258-260

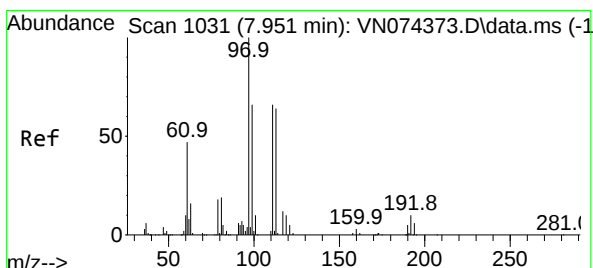
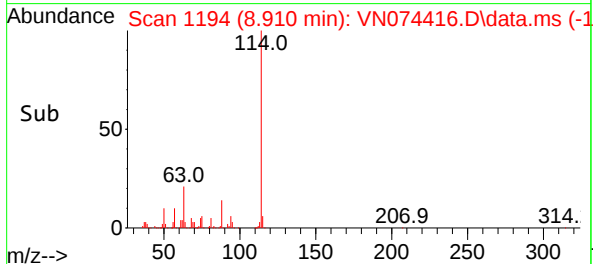
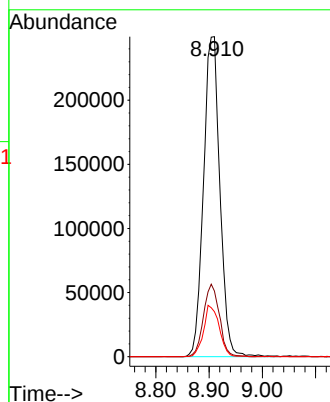
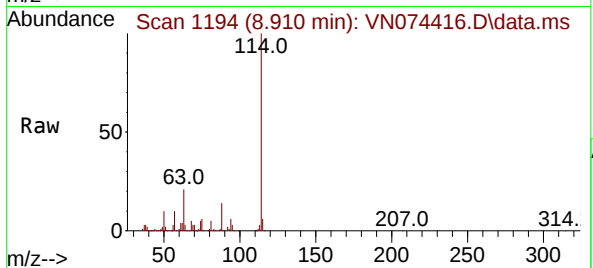
Tgt Ion:114 Resp: 532993

Ion Ratio Lower Upper

114 100

63 20.5 0.0 47.6

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.466 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074416.D

Acq: 12 Sep 2022 18:21

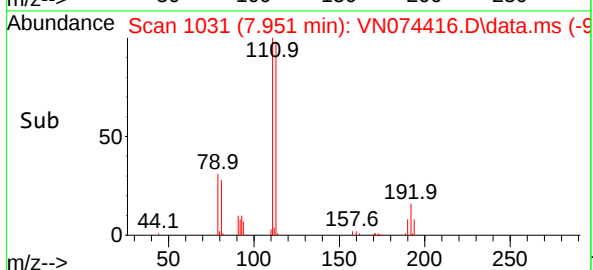
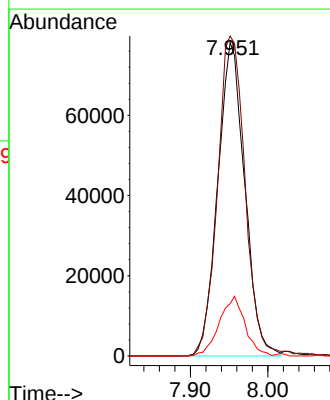
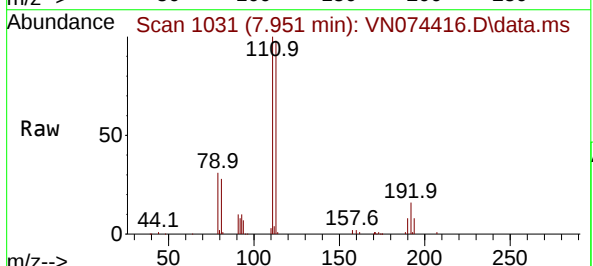
Tgt Ion:113 Resp: 188783

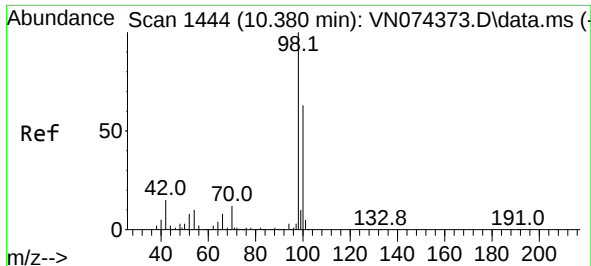
Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.4

192 18.2 13.7 20.5

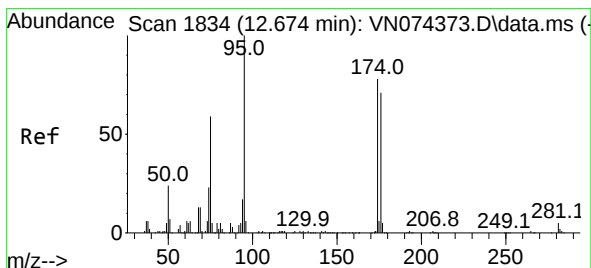
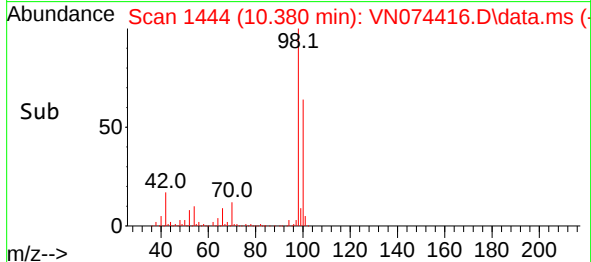
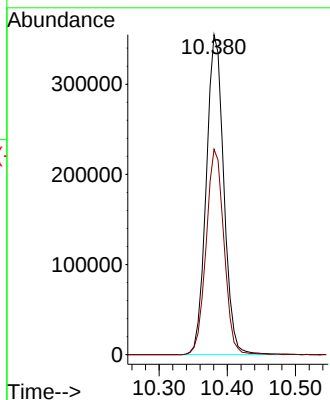
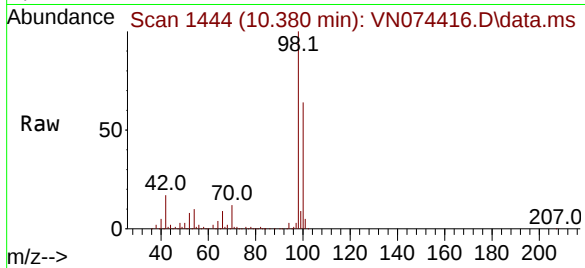




#50
Toluene-d8
Concen: 45.318 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074416.D
Acq: 12 Sep 2022 18:21

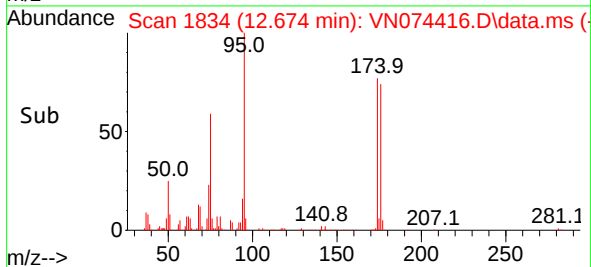
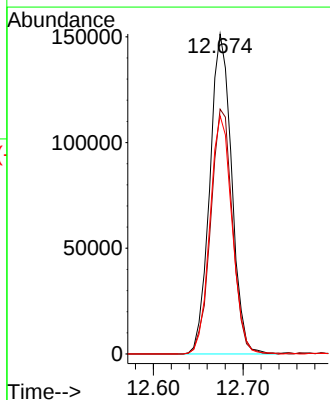
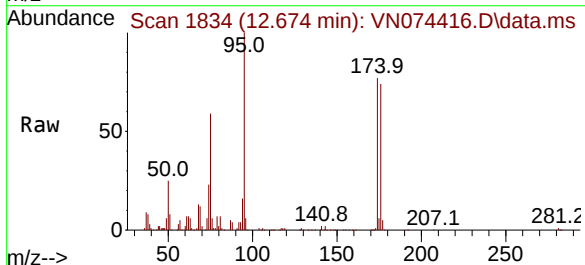
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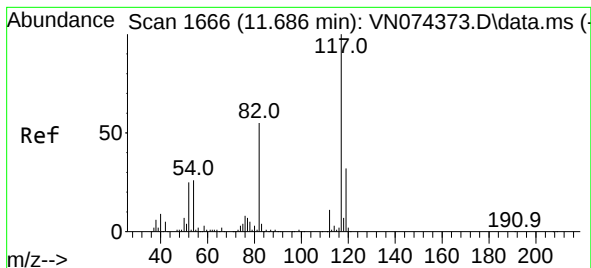
Tgt Ion: 98 Resp: 635371
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 50.268 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074416.D
Acq: 12 Sep 2022 18:21

Tgt Ion: 95 Resp: 255881
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 75.5 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074416.D

Acq: 12 Sep 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-258-260

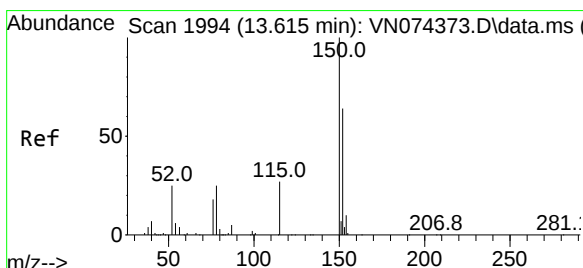
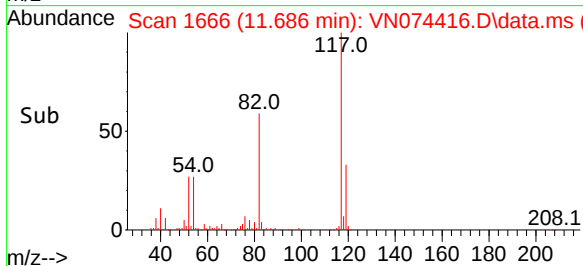
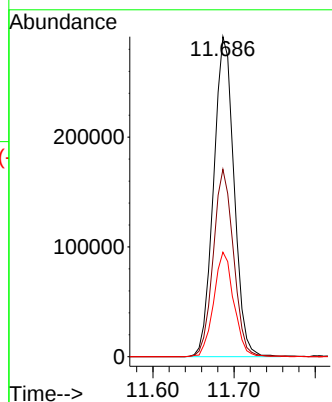
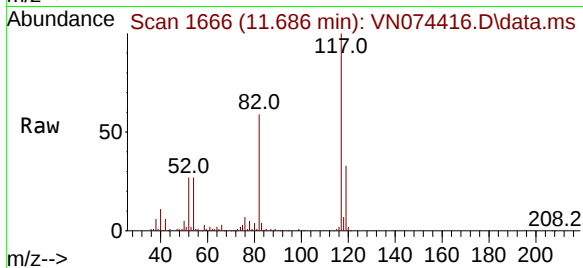
Tgt Ion:117 Resp: 510779

Ion Ratio Lower Upper

117 100

82 58.5 44.3 66.5

119 32.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074416.D

Acq: 12 Sep 2022 18:21

Tgt Ion:152 Resp: 228100

Ion Ratio Lower Upper

152 100

115 60.5 32.0 96.0

150 155.8 0.0 359.6

