

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074417.D
 Acq On : 12 Sep 2022 18:46
 Operator : JC\MD
 Sample : N4558-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-278-280

Quant Time: Sep 13 06:27:33 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	300574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	524730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	507218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	237492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	224027	43.079	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.160%
35) Dibromofluoromethane	7.957	113	187512	52.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.860%
50) Toluene-d8	10.380	98	625883	45.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.674	95	250799	50.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.100%

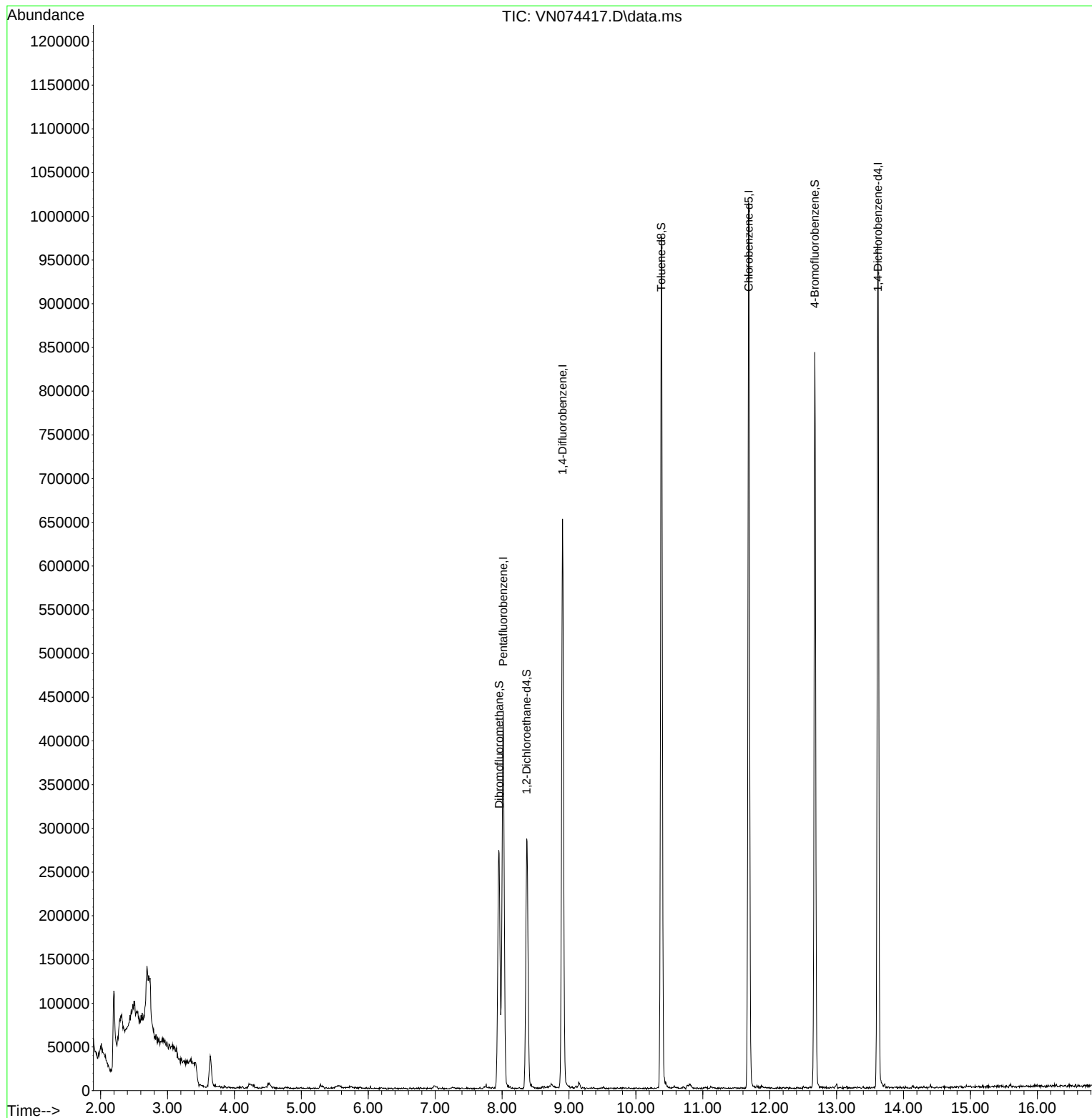
Target Compounds	Qvalue

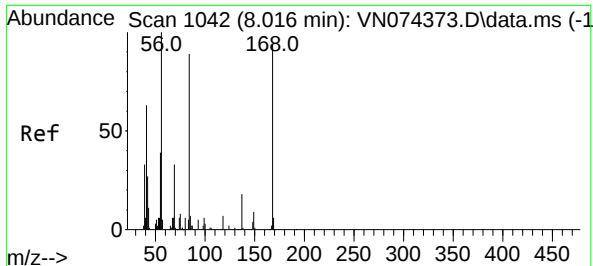
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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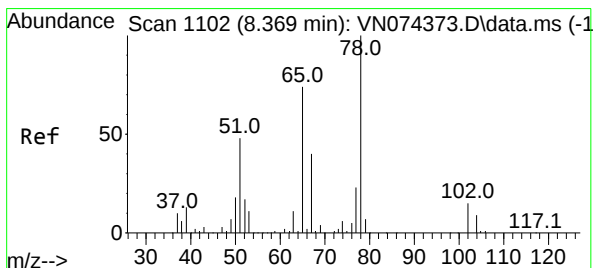
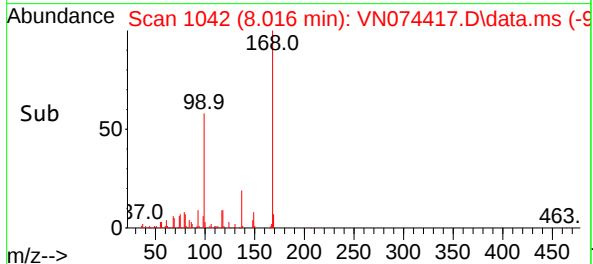
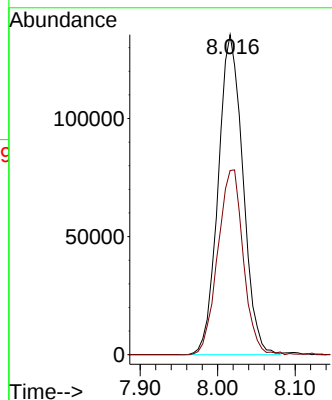
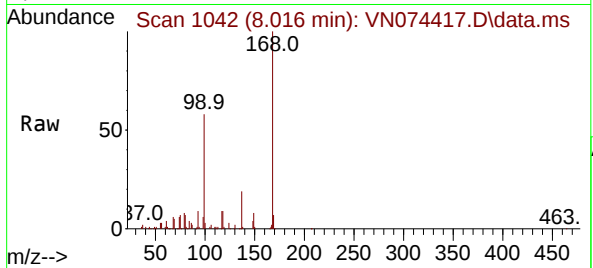




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074417.D
Acq: 12 Sep 2022 18:46

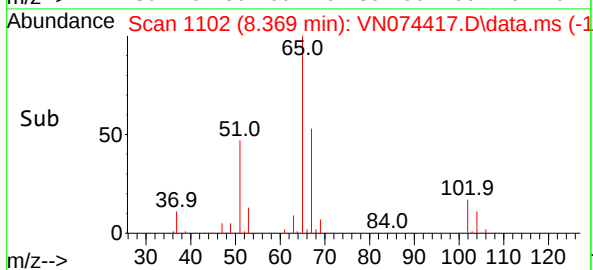
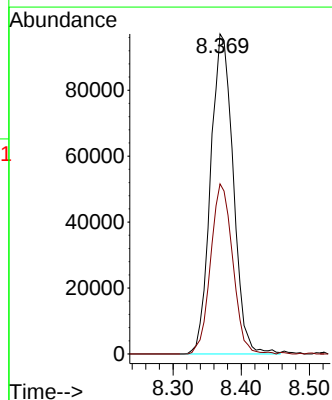
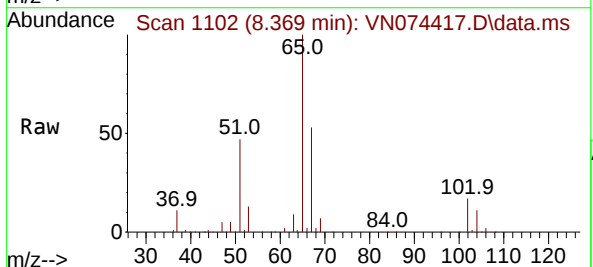
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-278-280

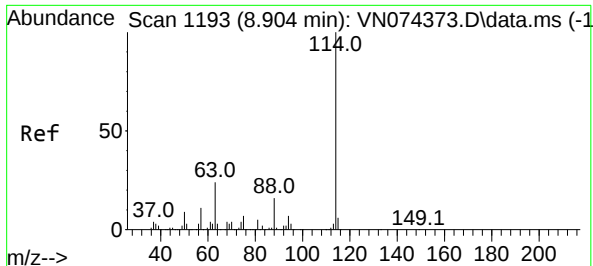
Tgt Ion:168 Resp: 300574
Ion Ratio Lower Upper
168 100
99 57.6 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 43.079 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074417.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 65 Resp: 224027
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074417.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-278-280

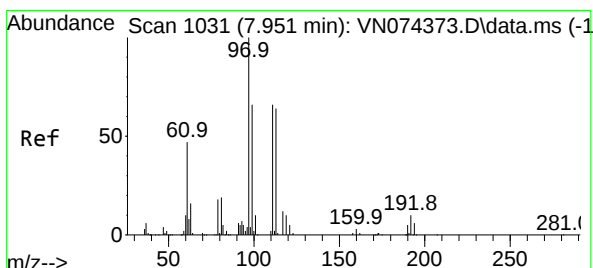
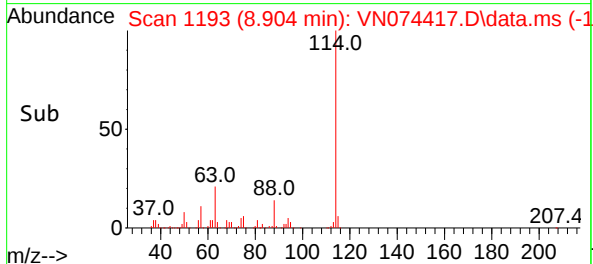
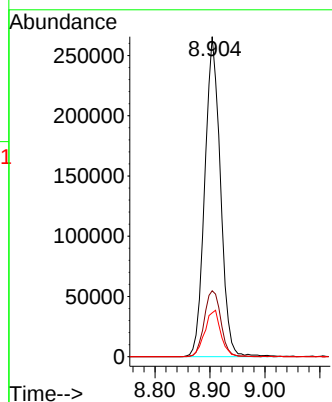
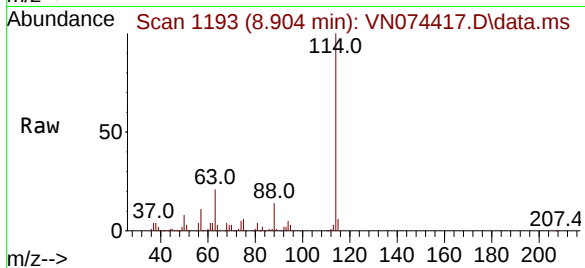
Tgt Ion:114 Resp: 524730

Ion Ratio Lower Upper

114 100

63 20.6 0.0 47.6

88 13.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.933 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074417.D

Acq: 12 Sep 2022 18:46

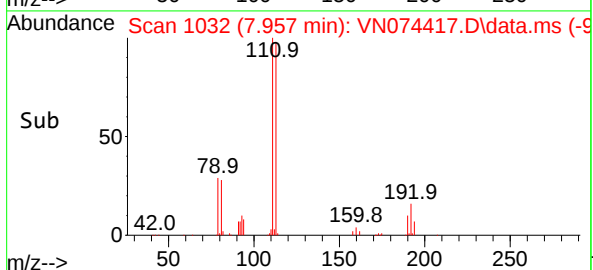
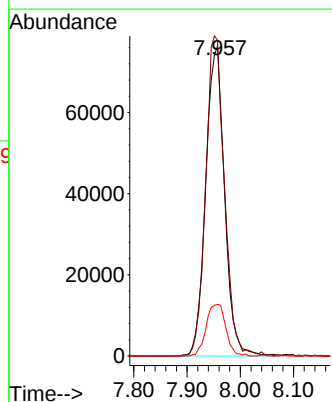
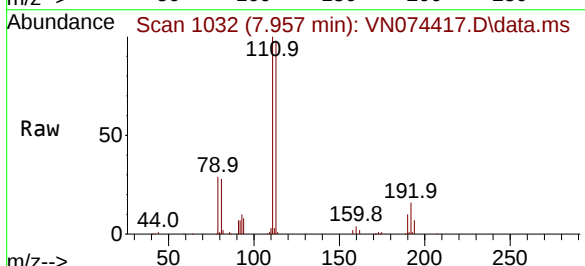
Tgt Ion:113 Resp: 187512

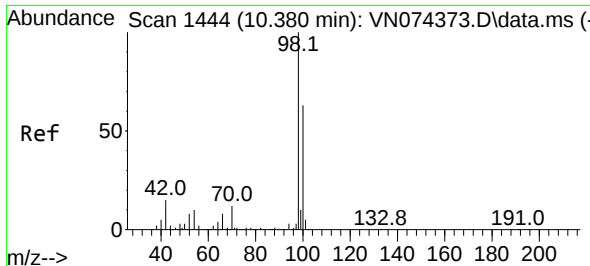
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 17.4 13.7 20.5

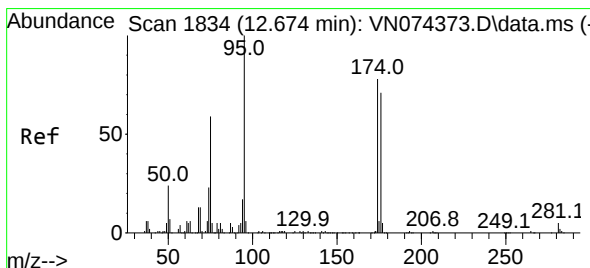
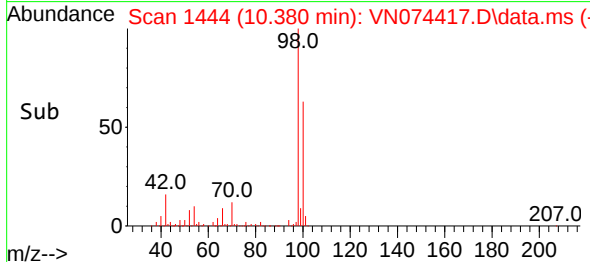
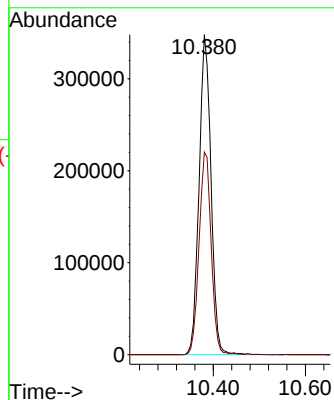
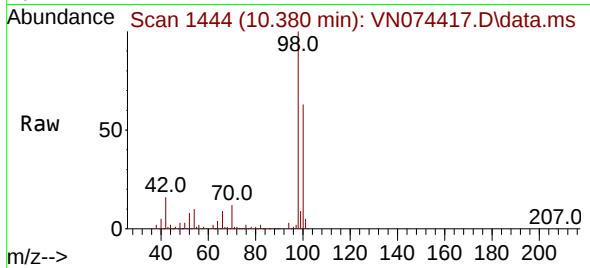




#50
Toluene-d8
Concen: 45.344 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074417.D
Acq: 12 Sep 2022 18:46

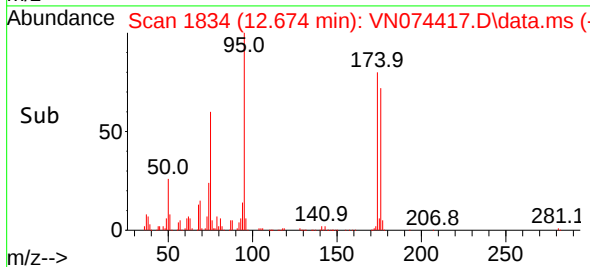
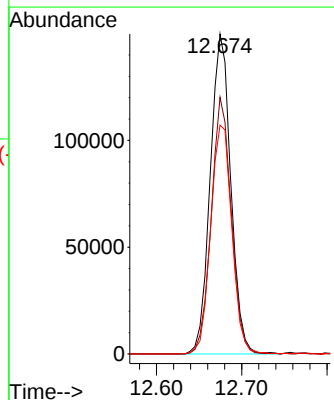
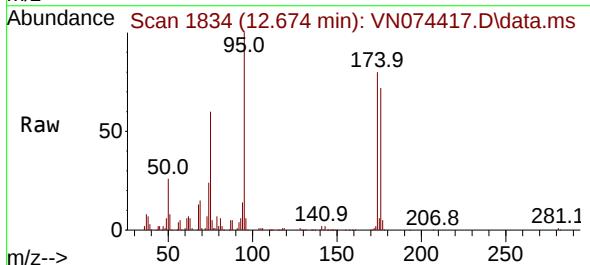
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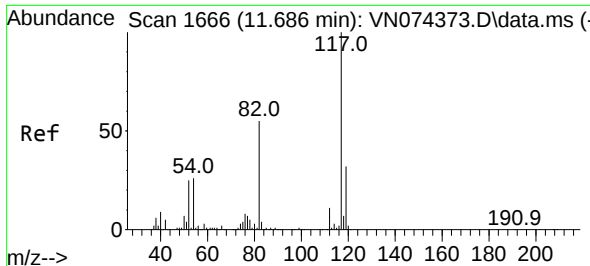
Tgt Ion: 98 Resp: 625883
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 50.046 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074417.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 95 Resp: 250799
Ion Ratio Lower Upper
95 100
174 78.3 0.0 150.6
176 73.6 0.0 143.4

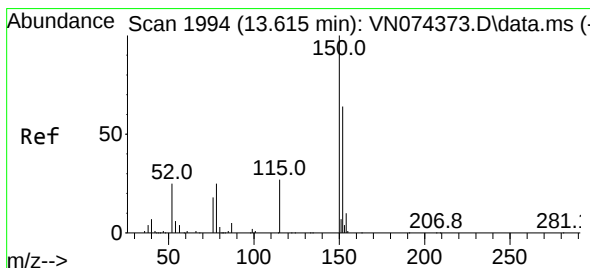
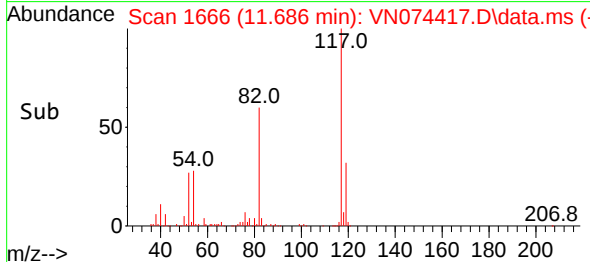
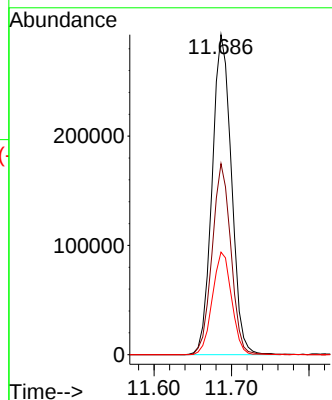
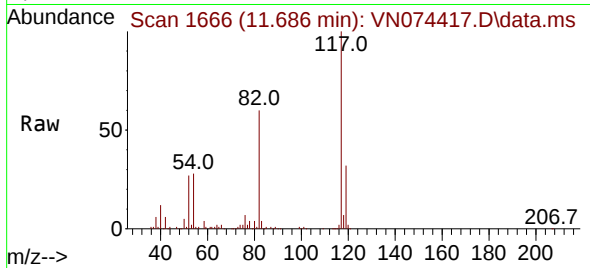




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074417.D
Acq: 12 Sep 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-278-280

Tgt Ion:117 Resp: 507218
Ion Ratio Lower Upper
117 100
82 59.7 44.3 66.5
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074417.D
Acq: 12 Sep 2022 18:46

Tgt Ion:152 Resp: 237492
Ion Ratio Lower Upper
152 100
115 57.4 32.0 96.0
150 154.5 0.0 359.6

