

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074562.D
 Acq On : 17 Sep 2022 17:42
 Operator : JC\MD
 Sample : N4688-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

Quant Time: Sep 19 02:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	251306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	495449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	486623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	211854	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	204529	47.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	7.957	113	166601	50.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.380	98	606422	47.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.674	95	221386	50.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.560%

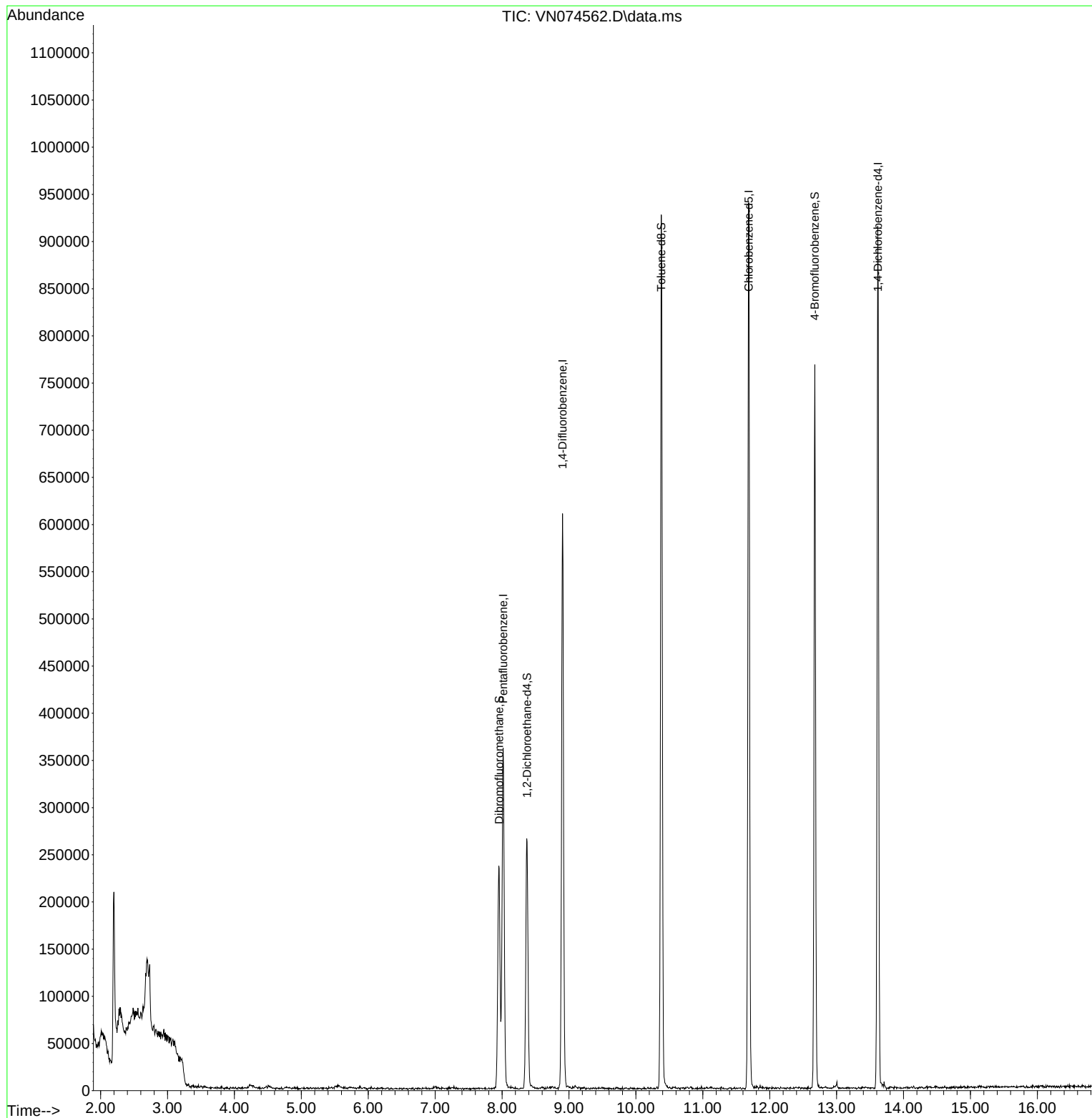
Target Compounds	Qvalue

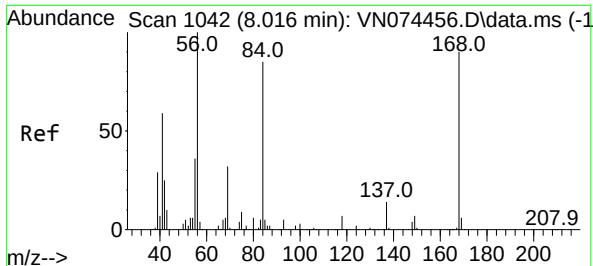
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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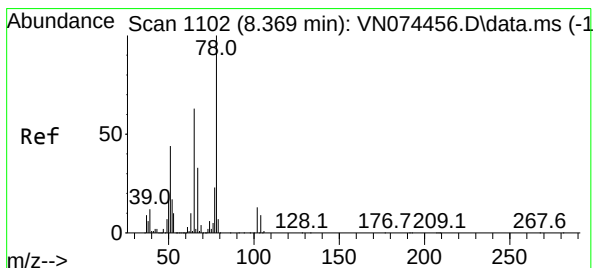
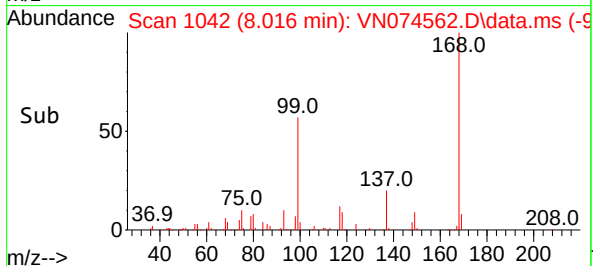
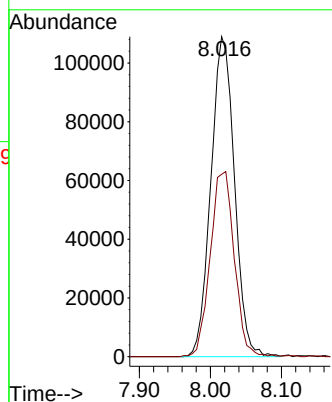
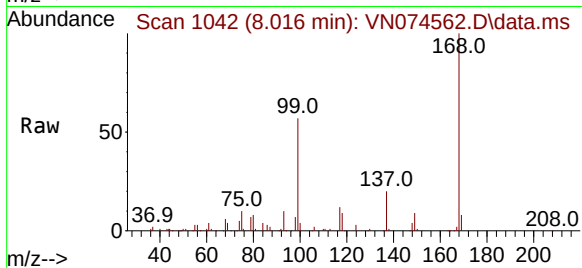




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

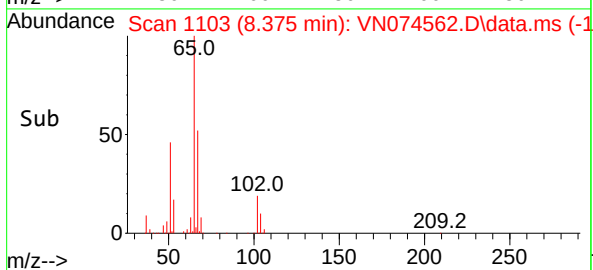
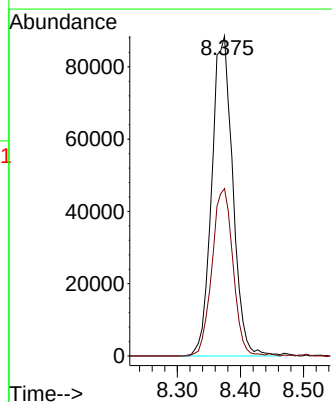
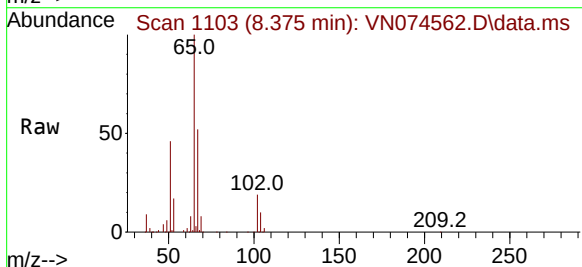
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

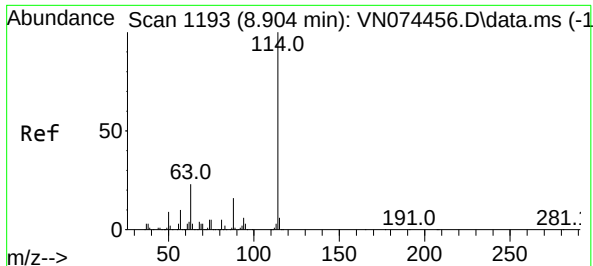
Tgt Ion:168 Resp: 251306
Ion Ratio Lower Upper
168 100
99 57.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 65 Resp: 204529
Ion Ratio Lower Upper
65 100
67 52.1 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: VN074562.D

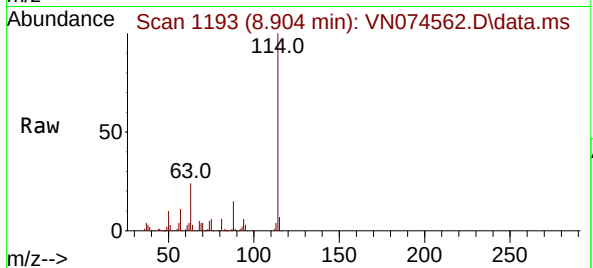
Acq: 17 Sep 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-438-440



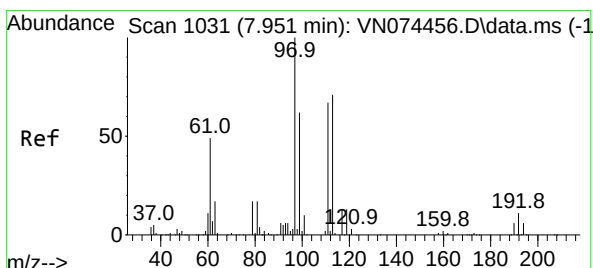
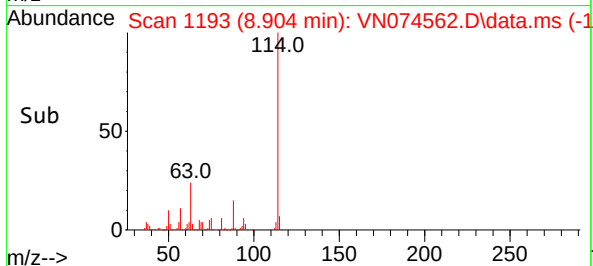
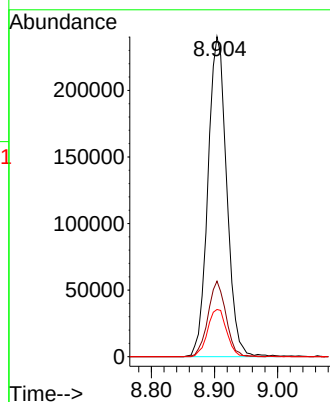
Tgt Ion:114 Resp: 495449

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.620 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074562.D

Acq: 17 Sep 2022 17:42

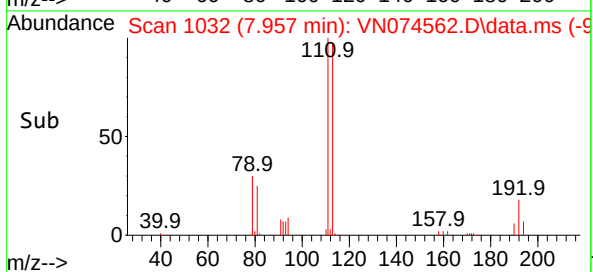
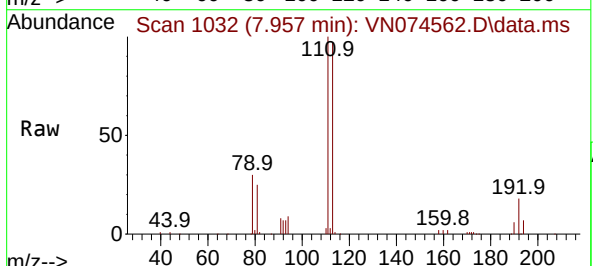
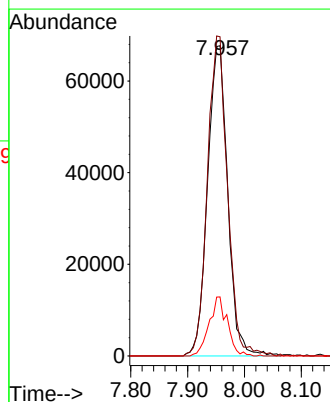
Tgt Ion:113 Resp: 166601

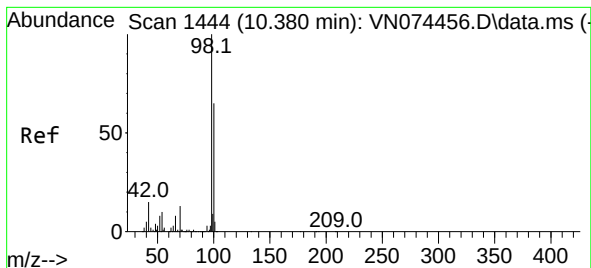
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 17.3 17.0 25.6





#50

Toluene-d8

Concen: 47.644 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074562.D

Acq: 17 Sep 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

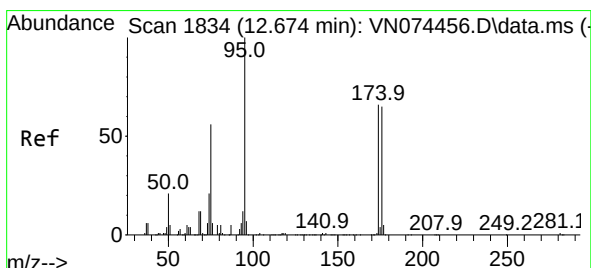
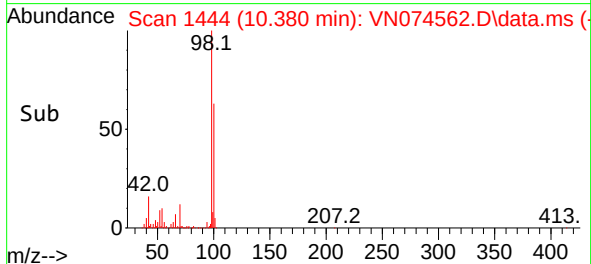
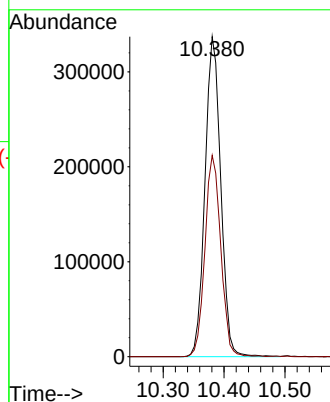
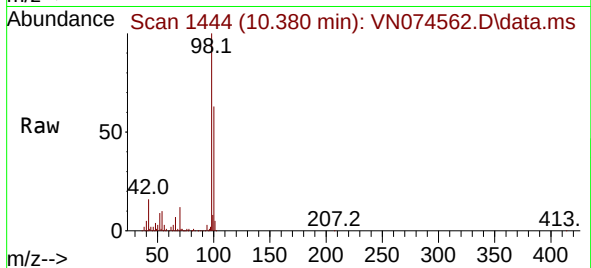
BP-VPB-RW5-GW-438-440

Tgt Ion: 98 Resp: 606422

Ion Ratio Lower Upper

98 100

100 63.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.784 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN074562.D

Acq: 17 Sep 2022 17:42

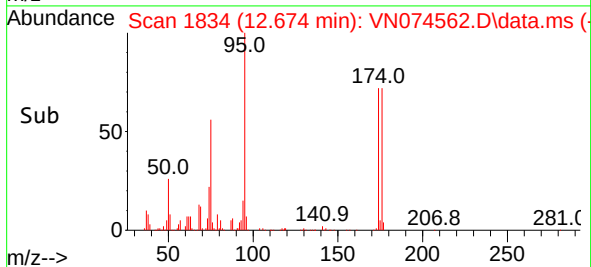
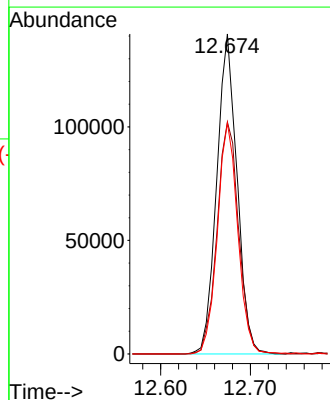
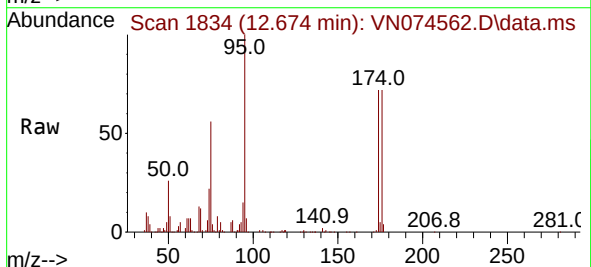
Tgt Ion: 95 Resp: 221386

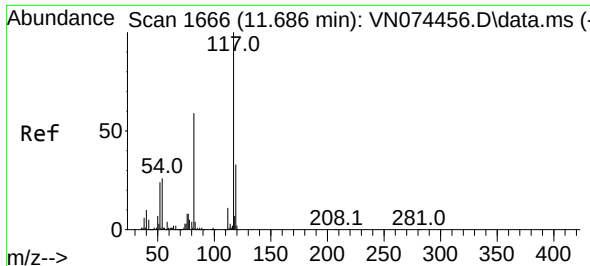
Ion Ratio Lower Upper

95 100

174 77.1 0.0 167.6

176 72.7 0.0 163.4

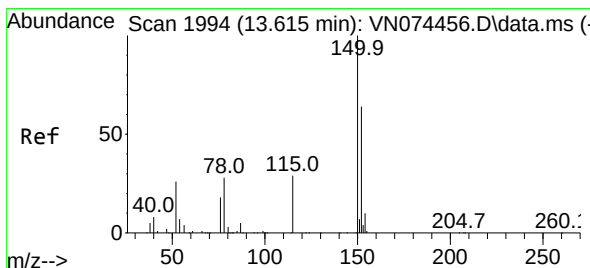
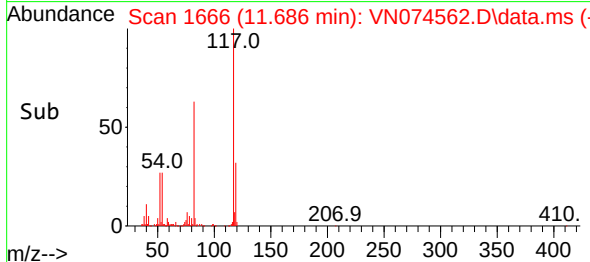
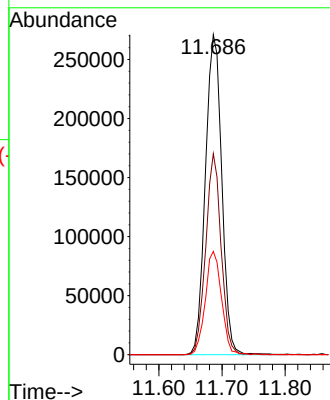
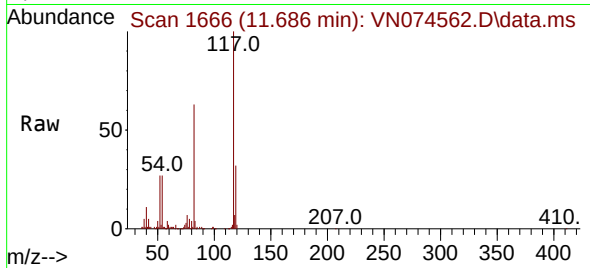




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

Tgt Ion:117 Resp: 486623
Ion Ratio Lower Upper
117 100
82 62.8 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion:152 Resp: 211854
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 160.3 0.0 356.2

