

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074604.D
 Acq On : 21 Sep 2022 10:56
 Operator : JC\MD
 Sample : VN0921WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL01

Quant Time: Sep 22 06:56:21 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	8.010	168	279698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	546749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	459715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	172453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	258311	54.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.860%
35) Dibromofluoromethane	7.951	113	195230	53.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.500%
50) Toluene-d8	10.380	98	679862	48.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.668	95	200537	41.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.380%

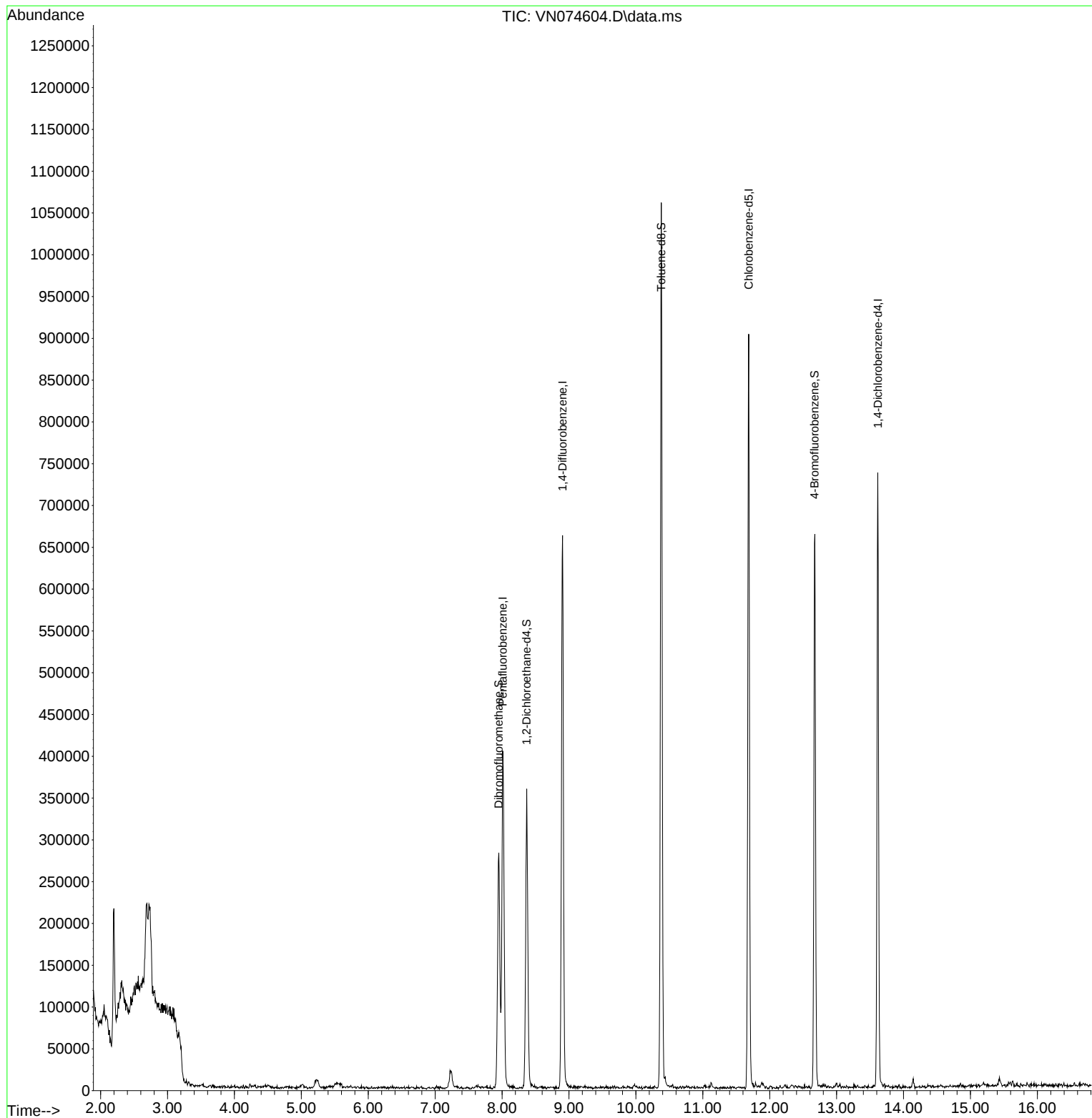
Target Compounds	Qvalue

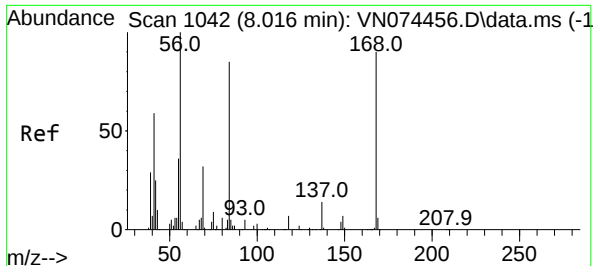
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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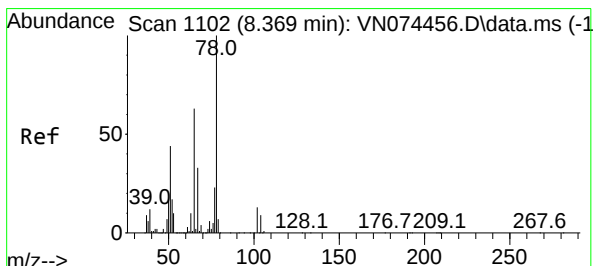
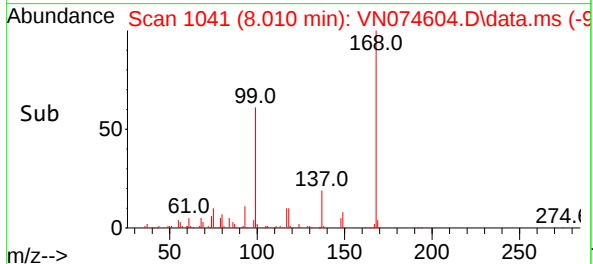
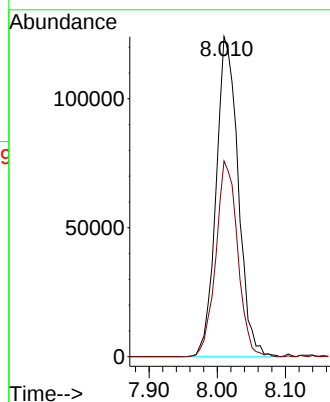
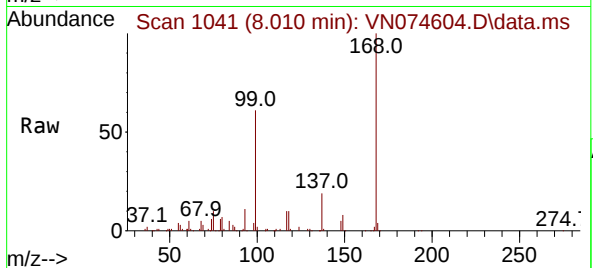




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074604.D
Acq: 21 Sep 2022 10:56

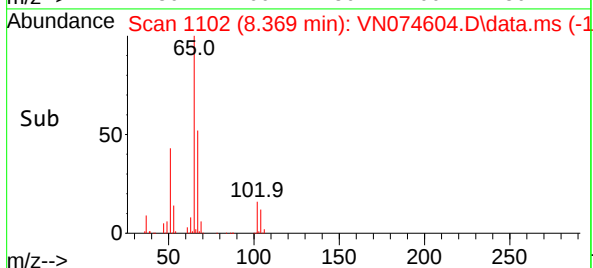
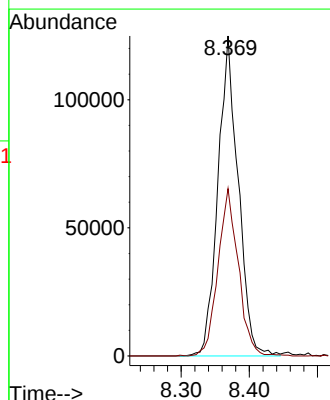
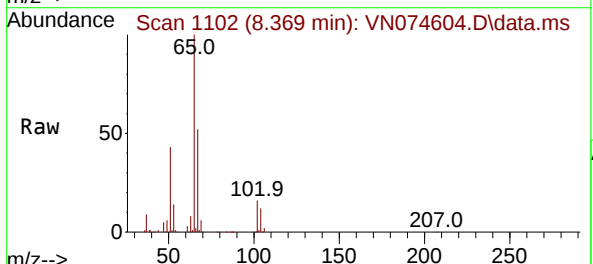
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL01

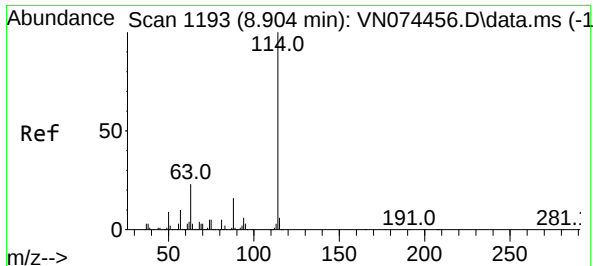
Tgt Ion:168 Resp: 279698
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 54.430 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074604.D
Acq: 21 Sep 2022 10:56

Tgt Ion: 65 Resp: 258311
Ion Ratio Lower Upper
65 100
67 52.6 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: VN074604.D

Acq: 21 Sep 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL01

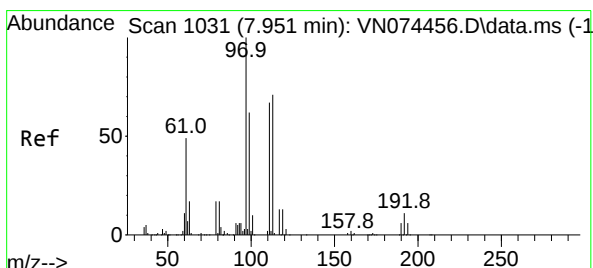
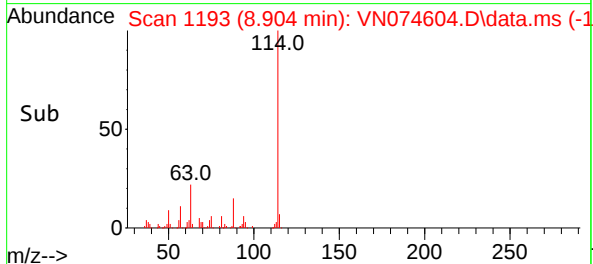
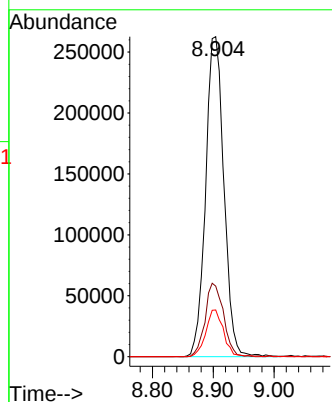
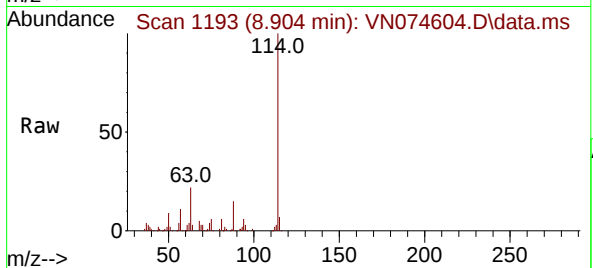
Tgt Ion:114 Resp: 546749

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.753 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074604.D

Acq: 21 Sep 2022 10:56

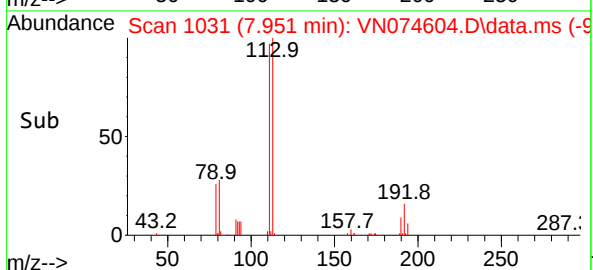
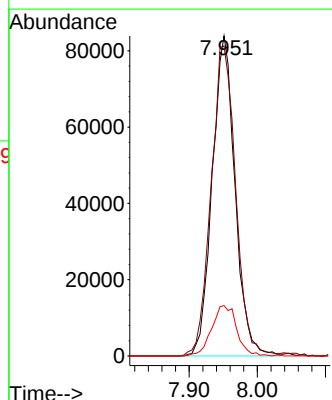
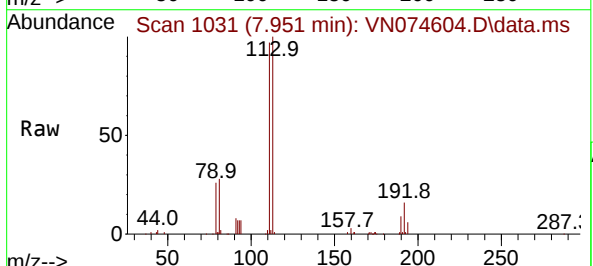
Tgt Ion:113 Resp: 195230

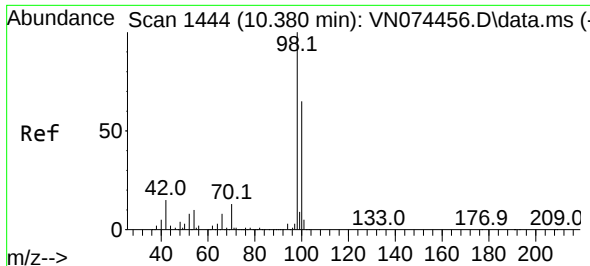
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 17.3 17.0 25.6

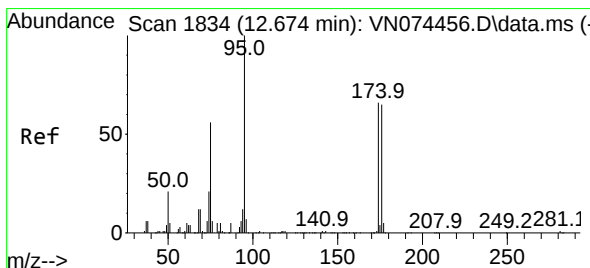
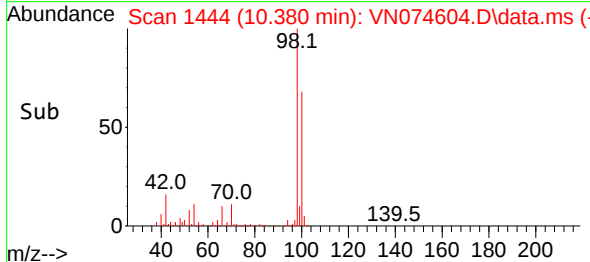
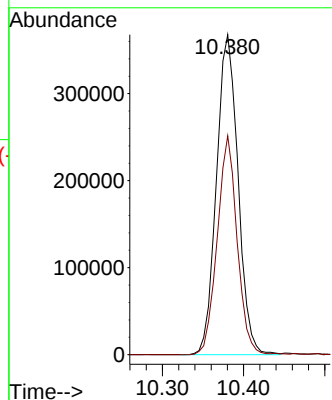
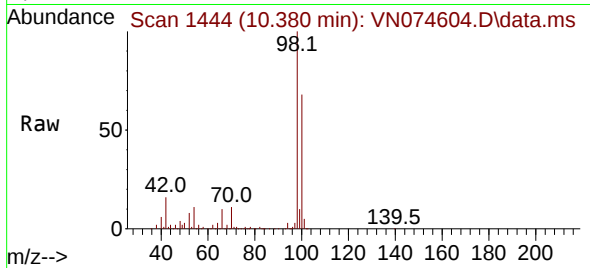




#50
Toluene-d8
Concen: 48.402 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074604.D
Acq: 21 Sep 2022 10:56

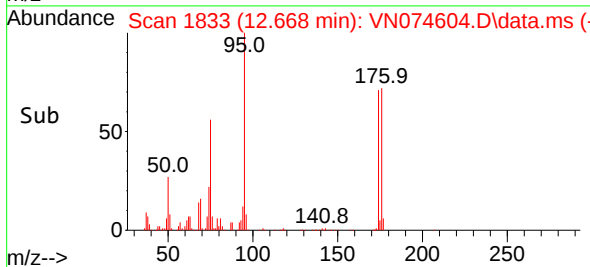
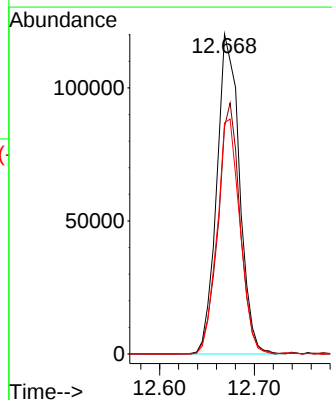
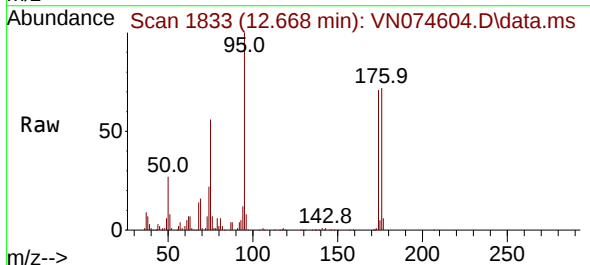
Instrument :
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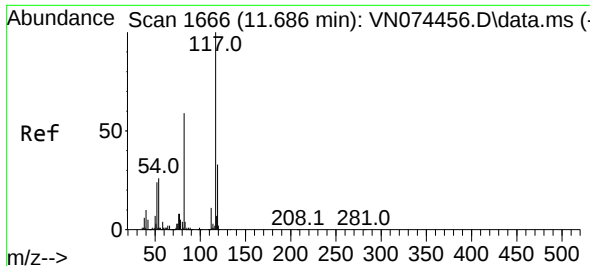
Tgt Ion: 98 Resp: 679862
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.685 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074604.D
Acq: 21 Sep 2022 10:56

Tgt Ion: 95 Resp: 200537
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 73.9 0.0 163.4

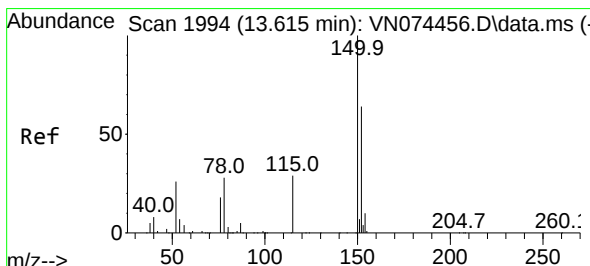
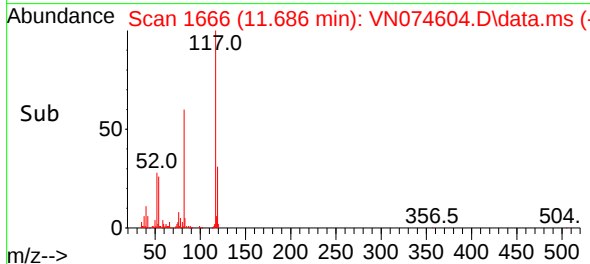
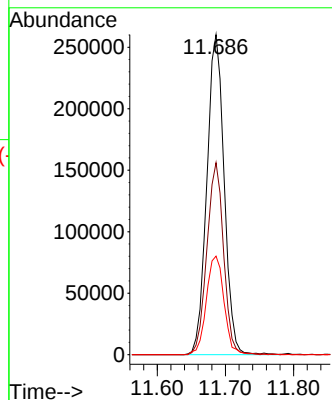
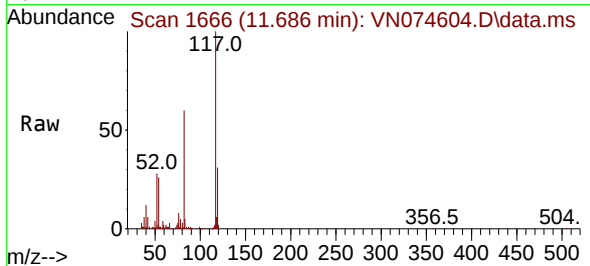




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074604.D
Acq: 21 Sep 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL01

Tgt Ion:117 Resp: 459715
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 30.8 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: VN074604.D
Acq: 21 Sep 2022 10:56

Tgt Ion:152 Resp: 172453
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 156.2 0.0 356.2

