

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074500.D
 Acq On : 16 Sep 2022 10:55
 Operator : JC\MD
 Sample : VN0916WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL01

Quant Time: Sep 16 16:14:12 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	361154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	705937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	707230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	292750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	288232	47.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.080%
35) Dibromofluoromethane	7.945	113	234910	50.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	10.380	98	869086	47.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.674	95	337658	54.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.720%

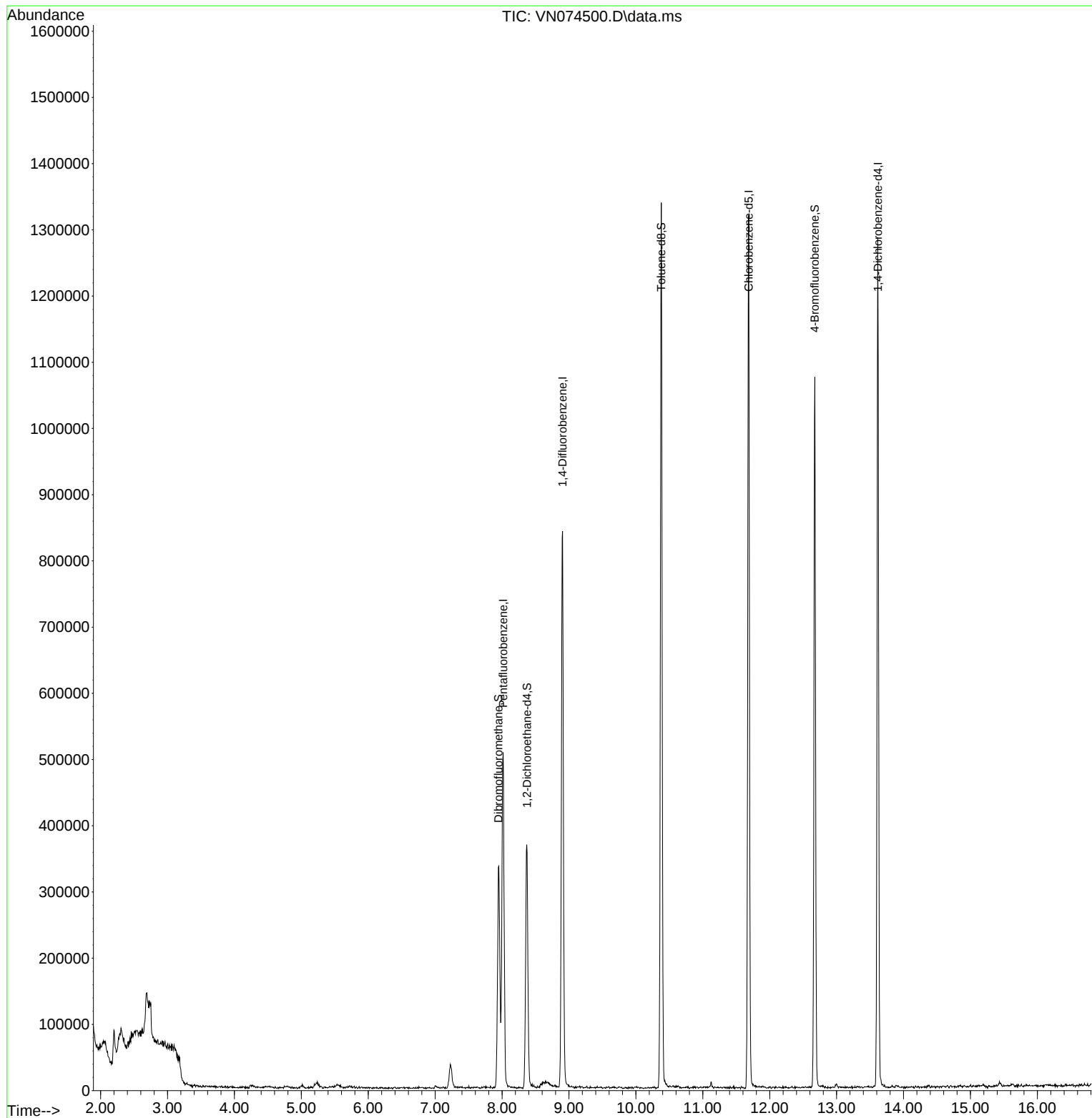
Target Compounds	Qvalue

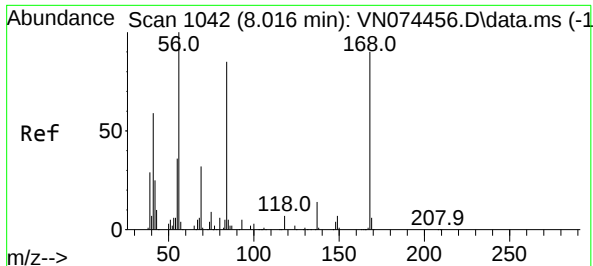
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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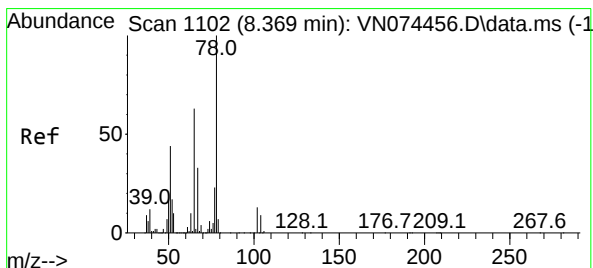
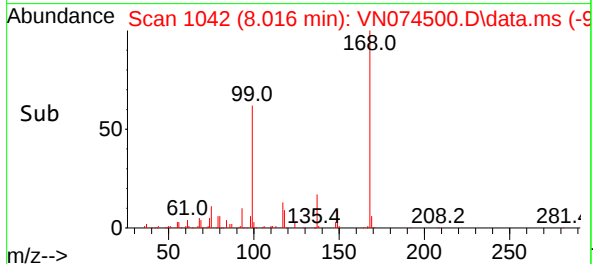
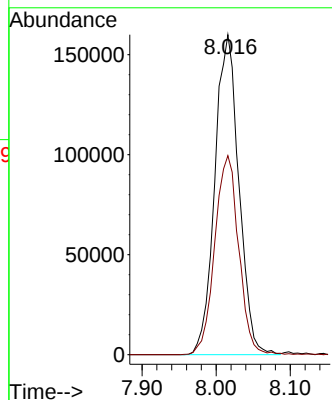
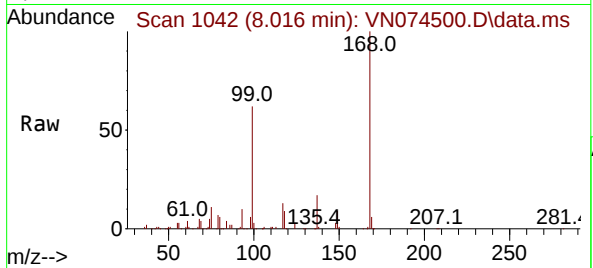




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

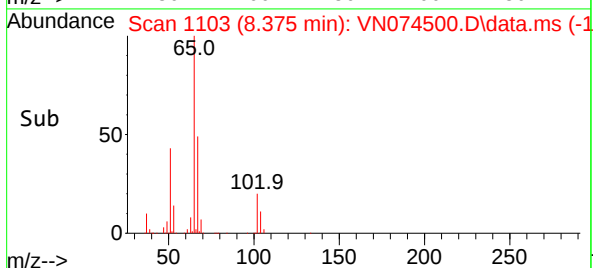
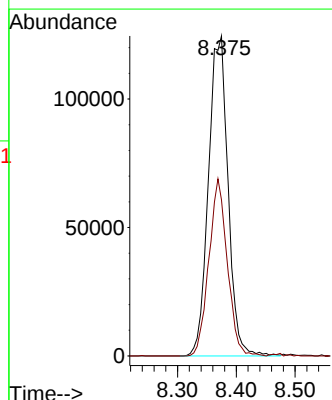
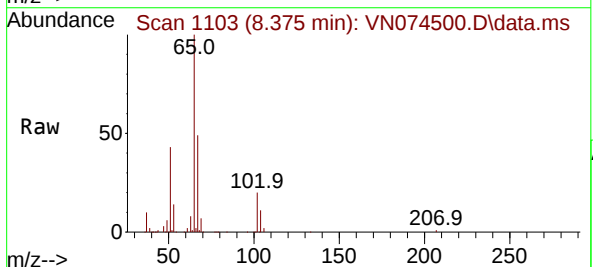
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

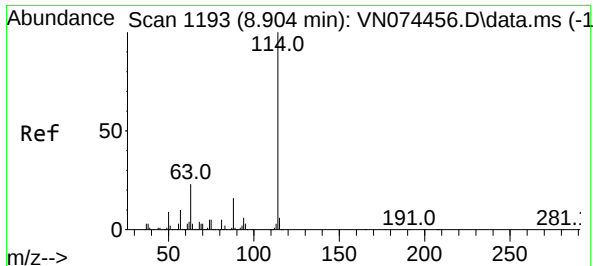
Tgt Ion:168 Resp: 361154
Ion Ratio Lower Upper
168 100
99 62.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.036 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 65 Resp: 288232
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: VN074500.D

Acq: 16 Sep 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL01

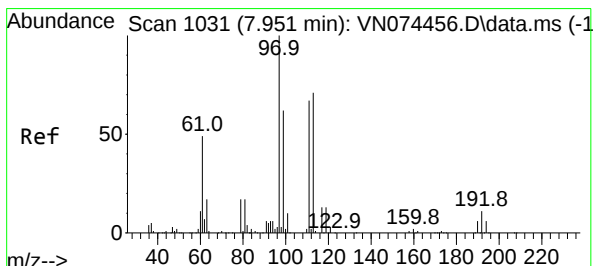
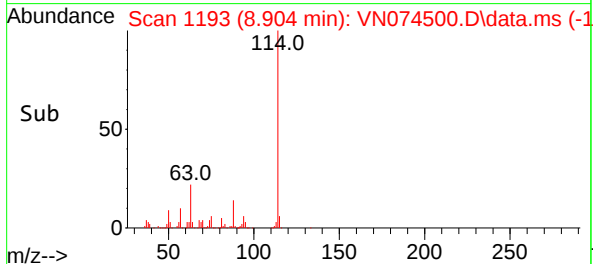
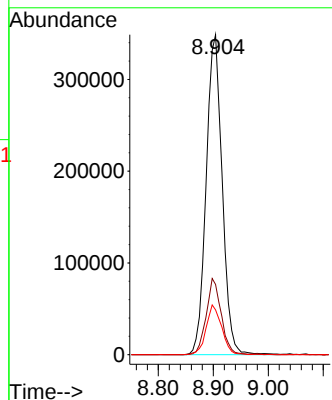
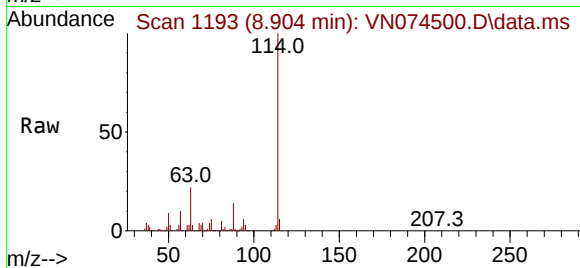
Tgt Ion:114 Resp: 705937

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 14.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.094 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074500.D

Acq: 16 Sep 2022 10:55

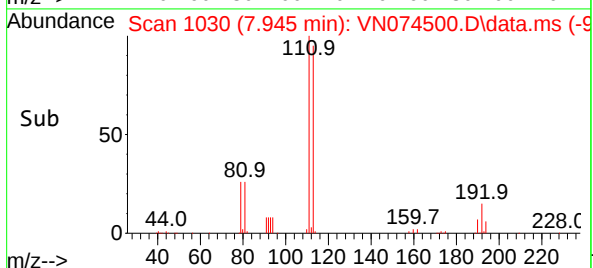
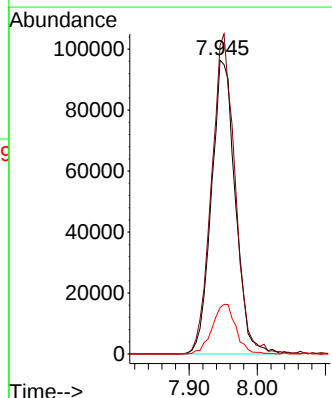
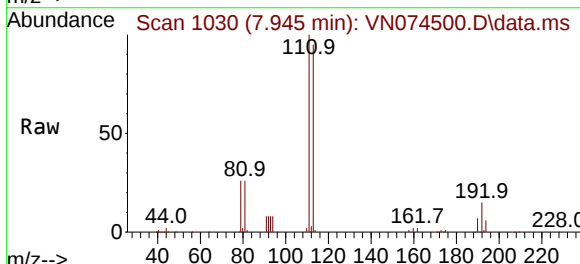
Tgt Ion:113 Resp: 234910

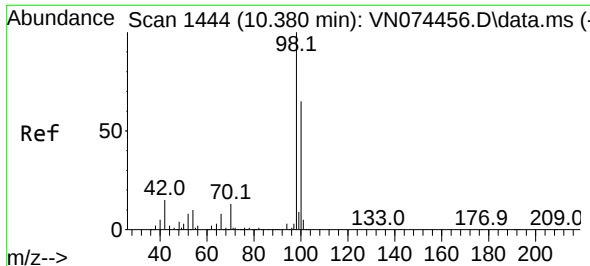
Ion Ratio Lower Upper

113 100

111 107.2 81.4 122.0

192 16.7 17.0 25.6#

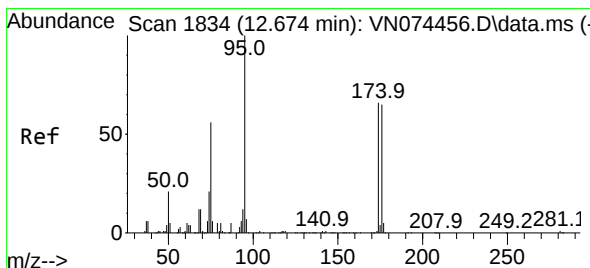
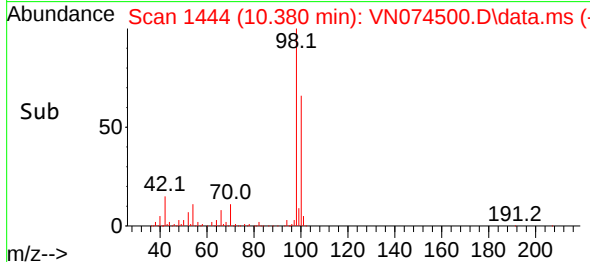
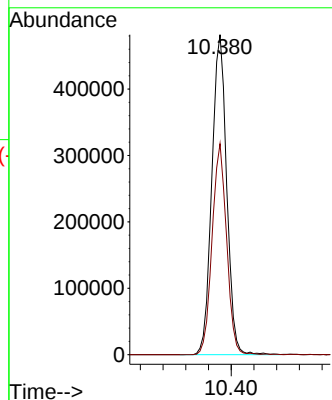
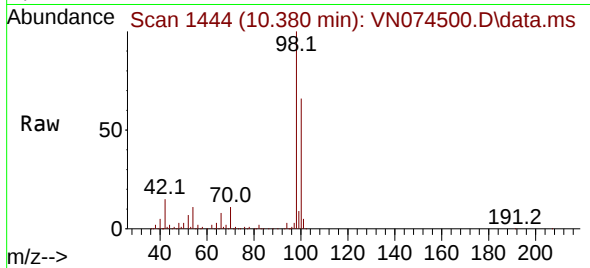




#50
Toluene-d8
Concen: 47.921 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

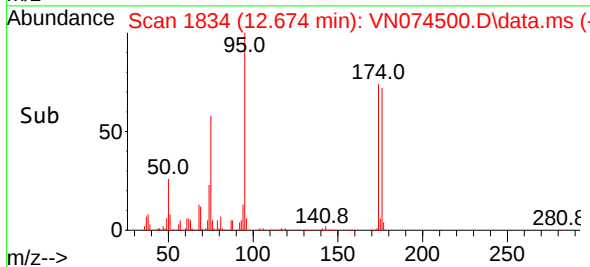
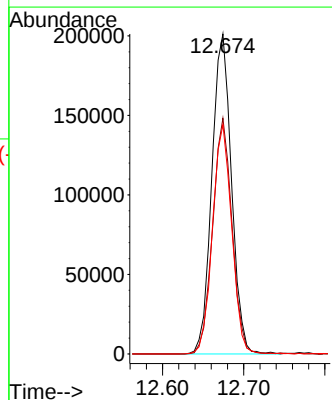
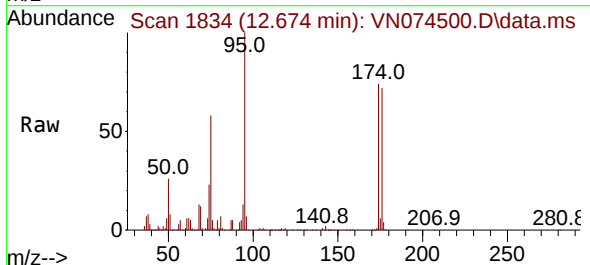
Instrument :
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VN0916WBL01

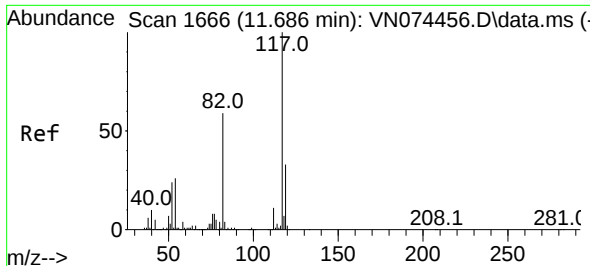
Tgt Ion: 98 Resp: 869086
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.361 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 95 Resp: 337658
Ion Ratio Lower Upper
95 100
174 72.4 0.0 167.6
176 70.3 0.0 163.4

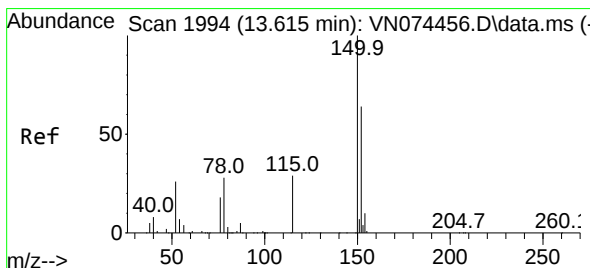
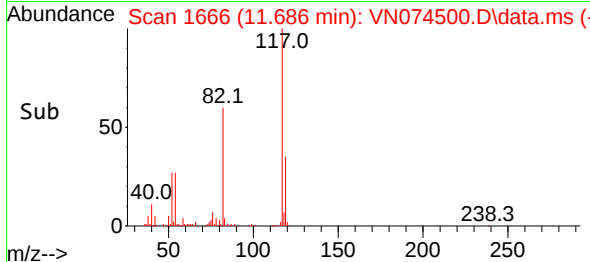
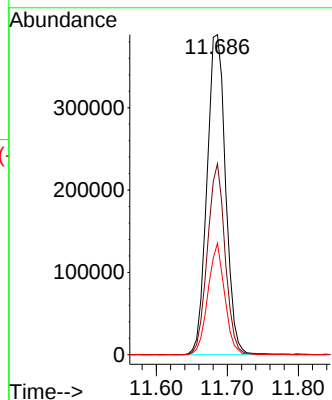
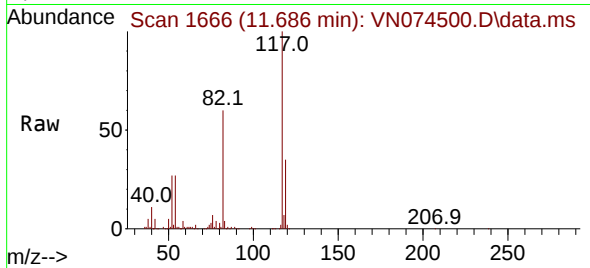




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:117 Resp: 707230
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 34.9 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: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion:152 Resp: 292750
Ion Ratio Lower Upper
152 100
115 63.2 28.9 86.7
150 163.6 0.0 356.2

