

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073913.D
 Acq On : 15 Aug 2022 23:15
 Operator : JC\MD
 Sample : VN0815WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL02

Quant Time: Aug 16 00:00:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	659599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	928792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	861721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	452696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	316039	49.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	7.951	113	306966	55.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.780%
50) Toluene-d8	10.381	98	1007581	47.364	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.674	95	405576	57.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.900%

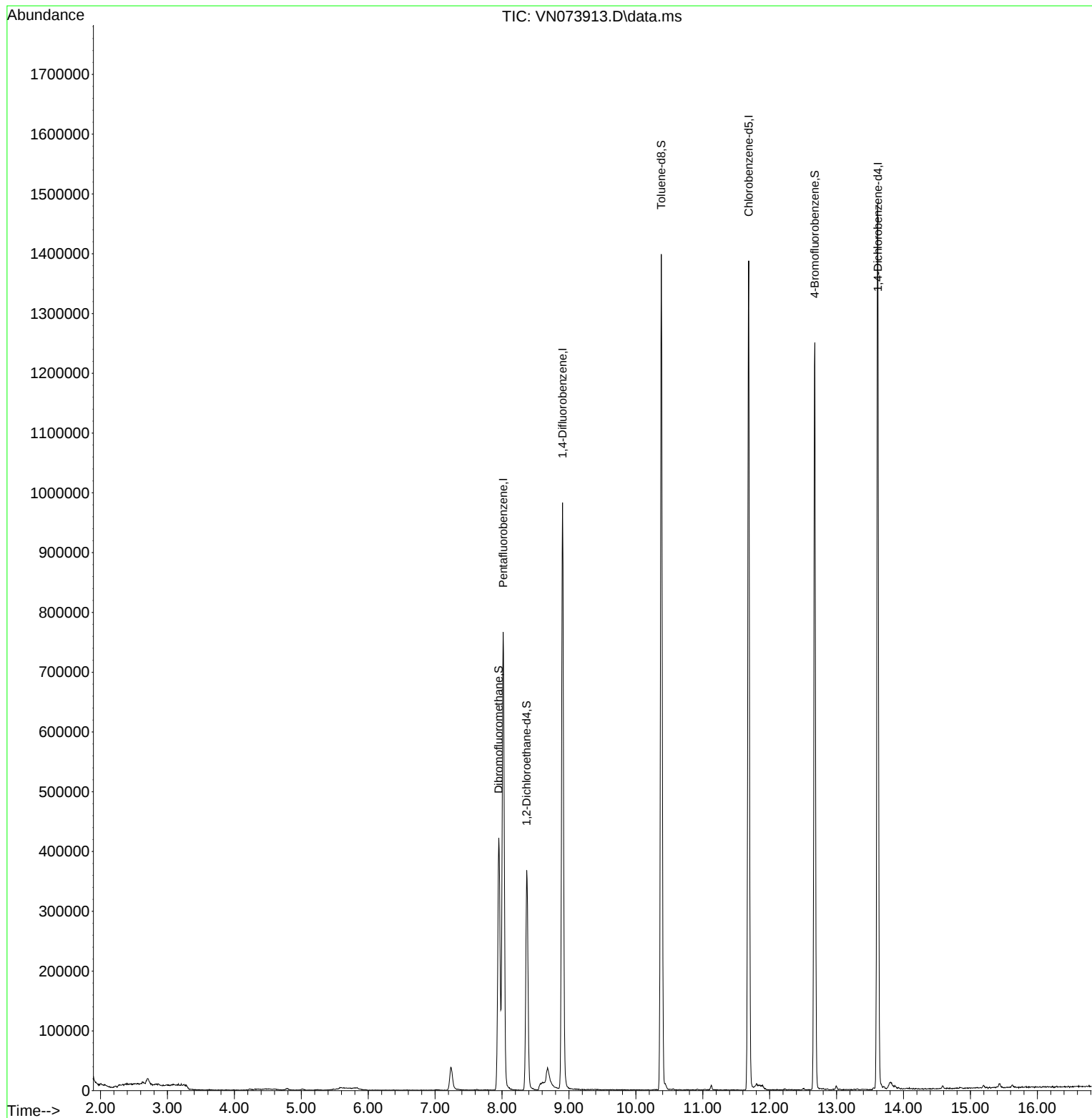
Target Compounds	Qvalue

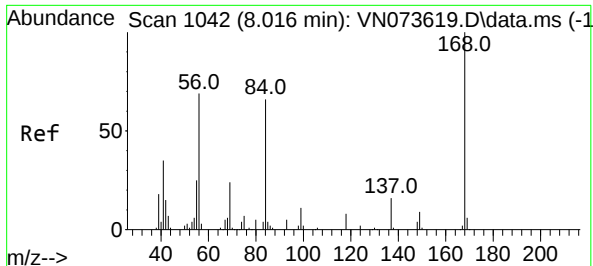
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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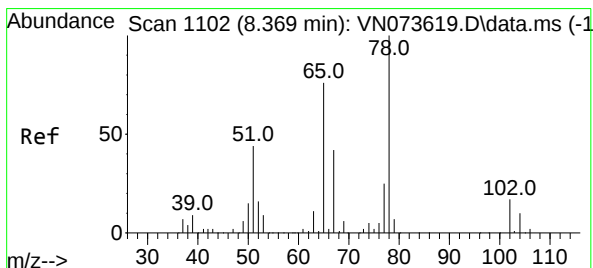
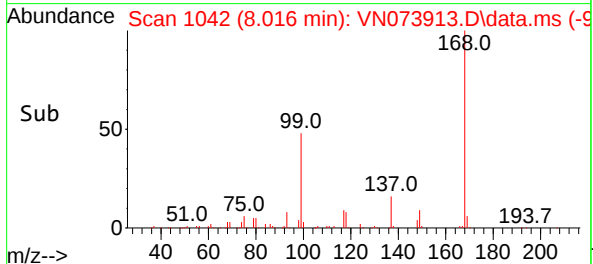
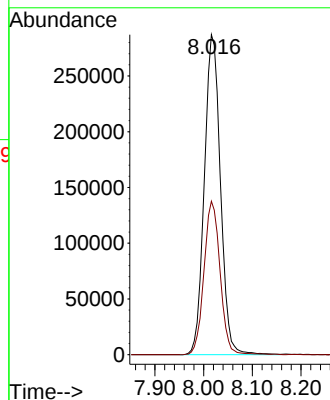
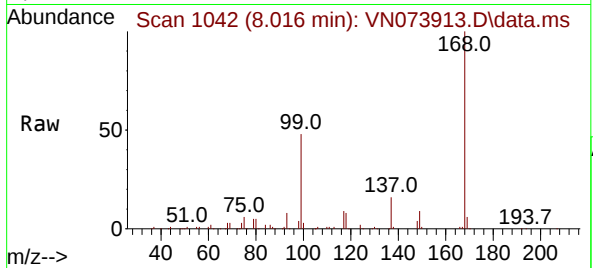




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

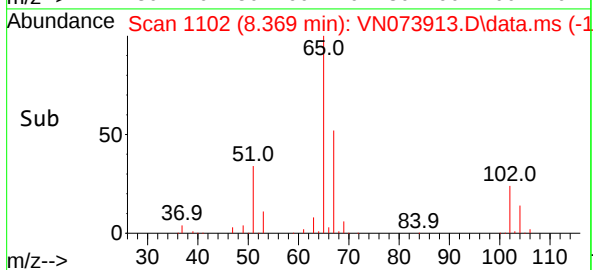
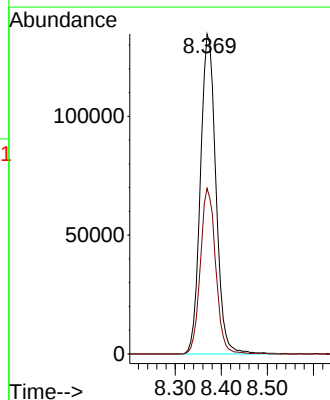
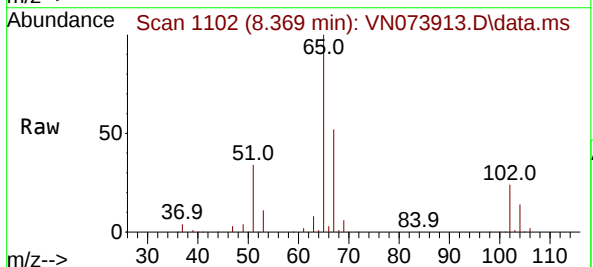
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

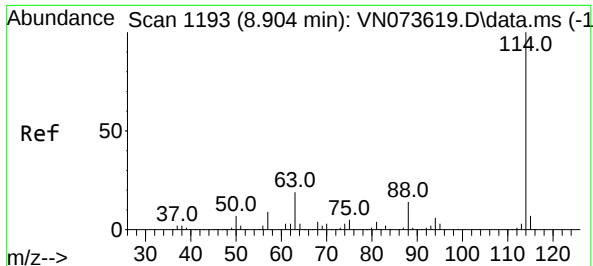
Tgt Ion:168 Resp: 659599
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.193 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 65 Resp: 316039
Ion Ratio Lower Upper
65 100
67 51.1 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: VN073913.D

Acq: 15 Aug 2022 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBL02

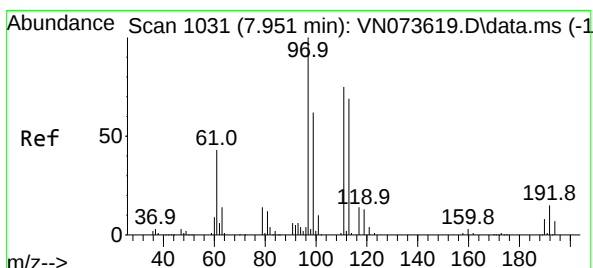
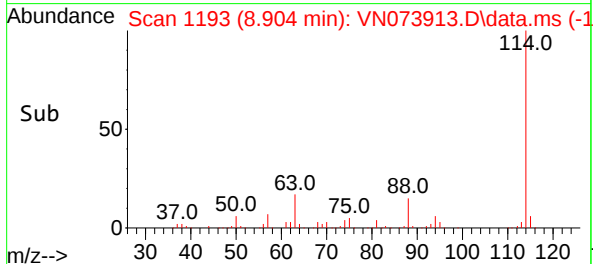
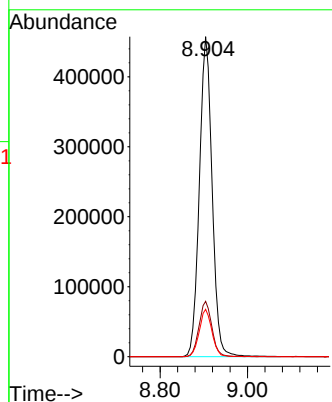
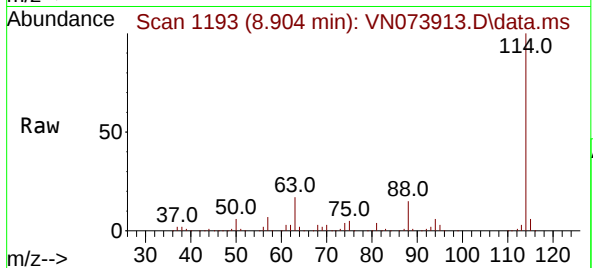
Tgt Ion:114 Resp: 928792

Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.885 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

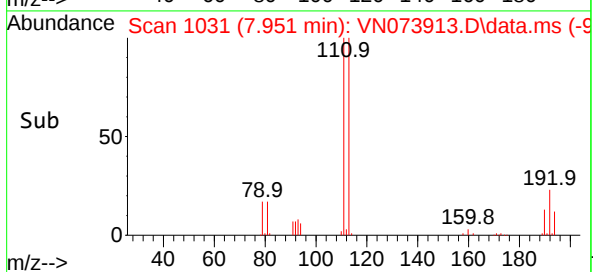
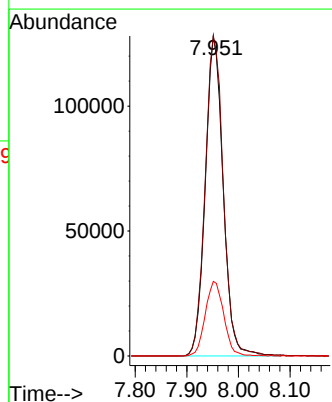
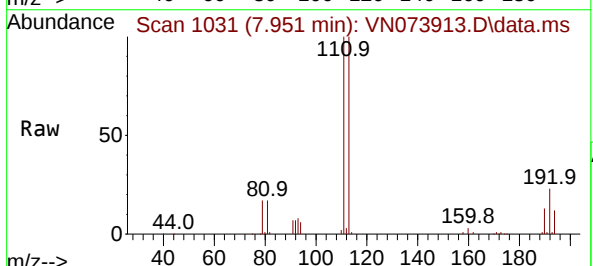
Tgt Ion:113 Resp: 306966

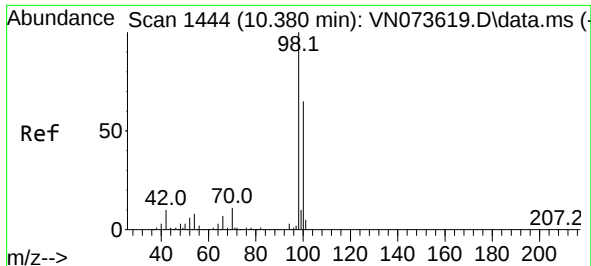
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 24.1 17.0 25.6





#50

Toluene-d8

Concen: 47.364 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

Instrument :

MSVOA_N

ClientSampleId :

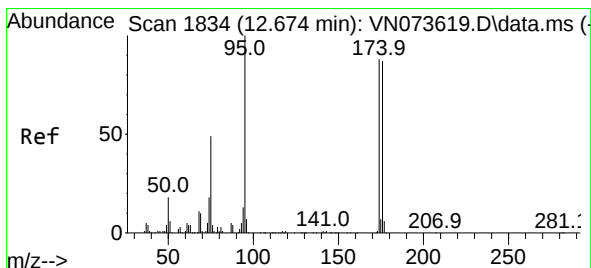
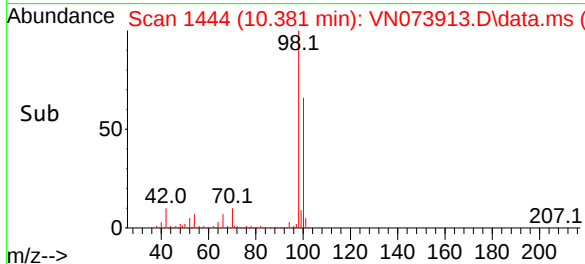
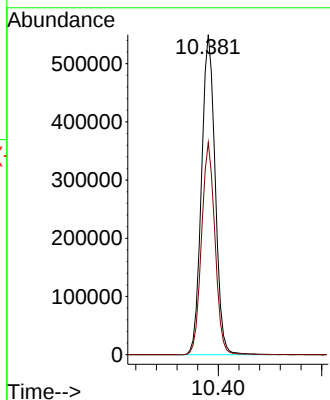
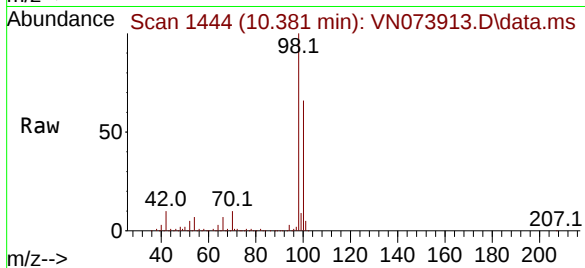
VN0815WBL02

Tgt Ion: 98 Resp: 1007581

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 57.446 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

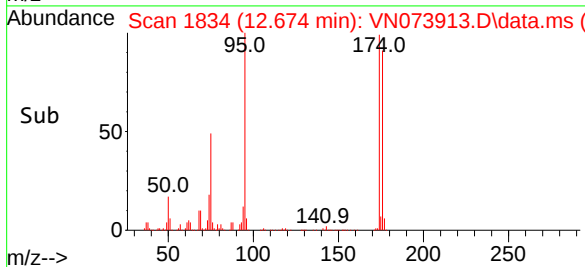
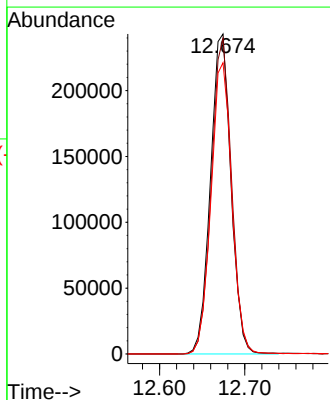
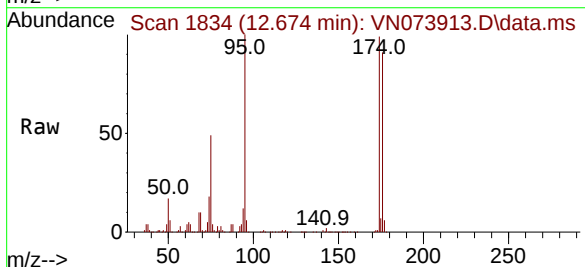
Tgt Ion: 95 Resp: 405576

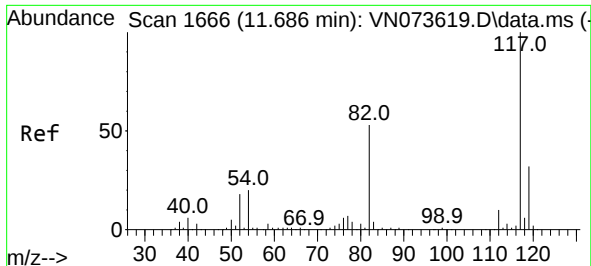
Ion Ratio Lower Upper

95 100

174 97.4 0.0 167.6

176 92.5 0.0 163.4

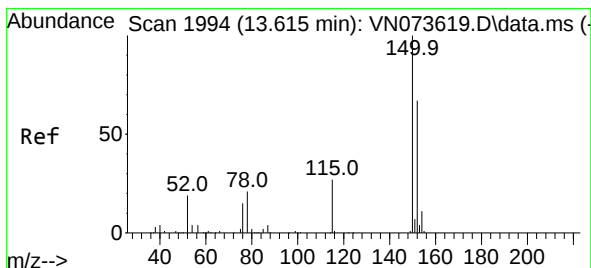
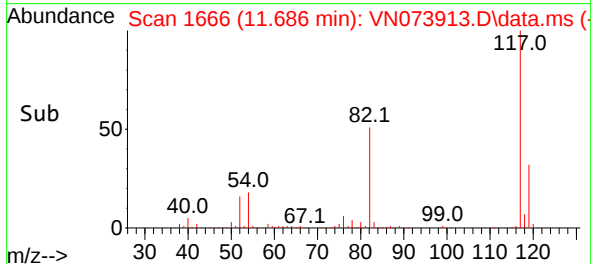
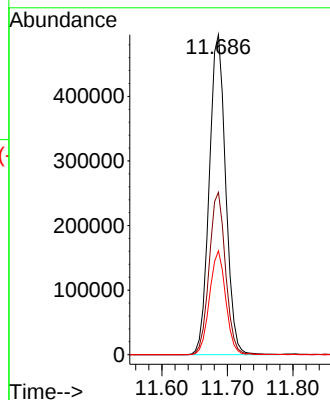
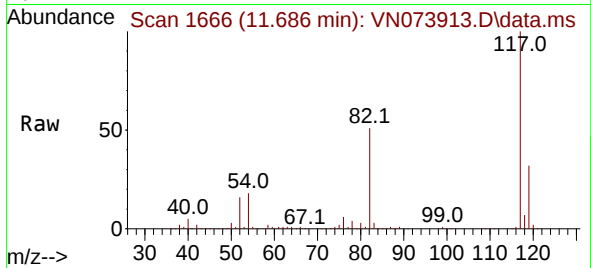




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

Tgt Ion:117 Resp: 861721
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion:152 Resp: 452696
Ion Ratio Lower Upper
152 100
115 53.9 28.9 86.7
150 157.3 0.0 356.2

