

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073868.D
 Acq On : 13 Aug 2022 13:42
 Operator : JC\MD
 Sample : VN0813WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBL01

Quant Time: Aug 14 02:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	569884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	803680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	740981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	384998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	273428	39.371	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.740%
35) Dibromofluoromethane	7.951	113	264304	52.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.740%
50) Toluene-d8	10.380	98	868524	43.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.460%
62) 4-Bromofluorobenzene	12.668	95	338201	48.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%

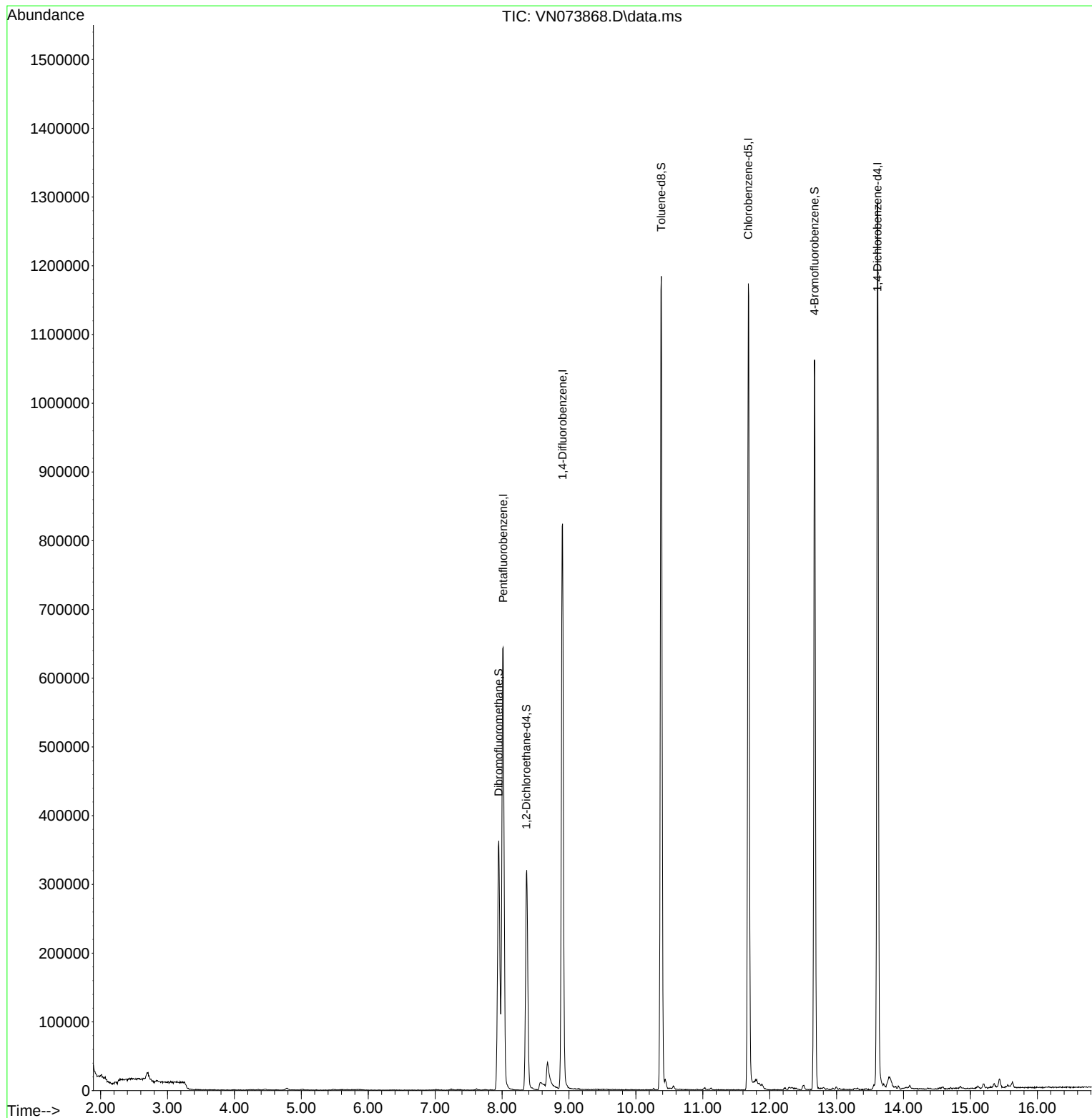
Target Compounds	Qvalue

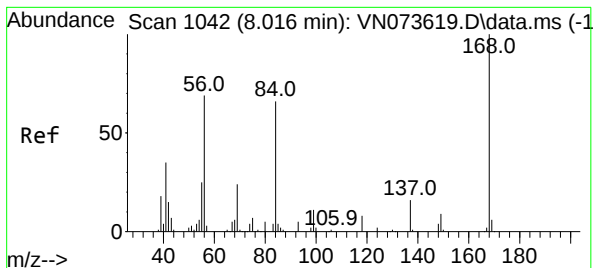
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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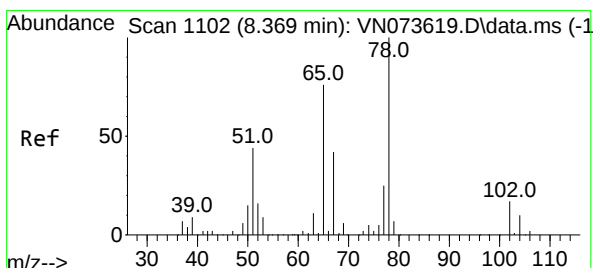
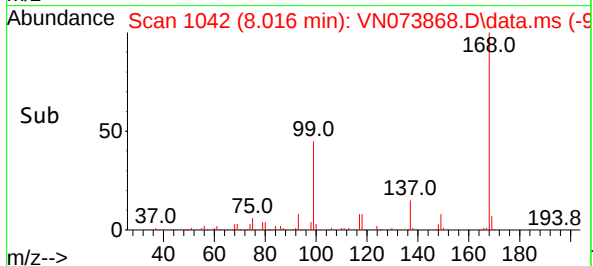
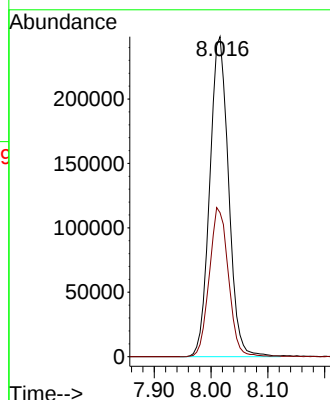
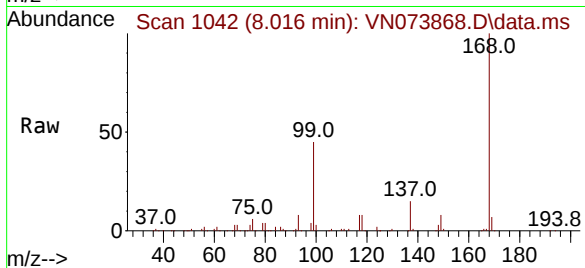




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN073868.D
Acq: 13 Aug 2022 13:42

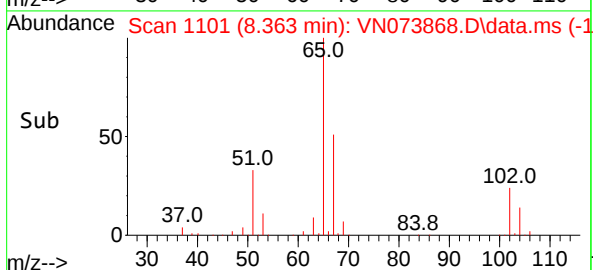
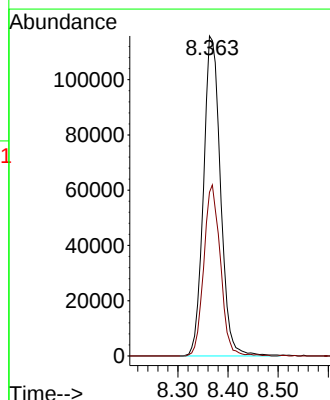
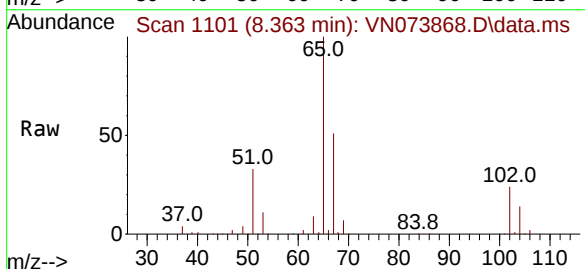
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

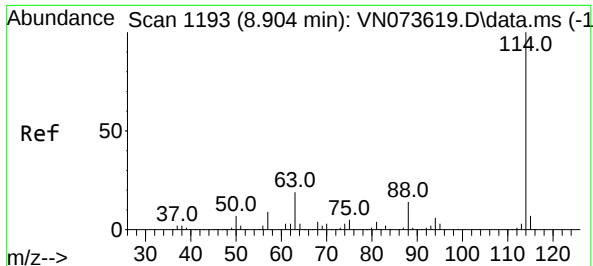
Tgt Ion:168 Resp: 569884
Ion Ratio Lower Upper
168 100
99 45.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 39.371 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073868.D
Acq: 13 Aug 2022 13:42

Tgt Ion: 65 Resp: 273428
Ion Ratio Lower Upper
65 100
67 52.0 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: VN073868.D

Acq: 13 Aug 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBL01

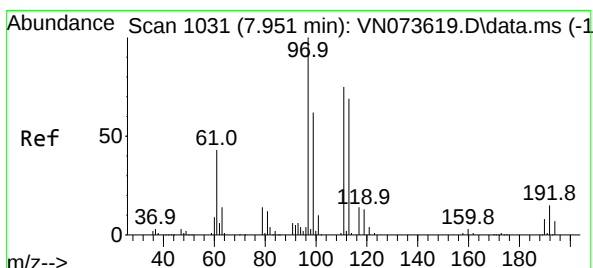
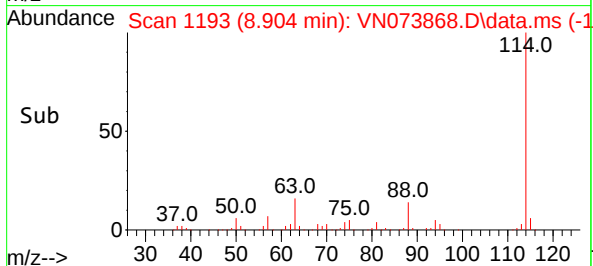
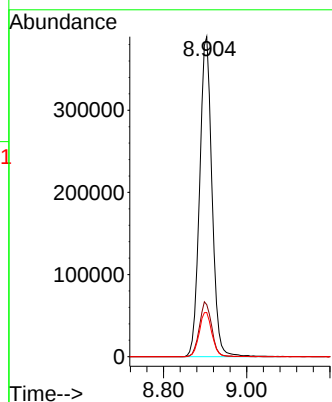
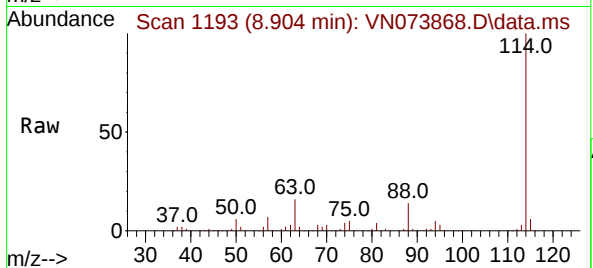
Tgt Ion:114 Resp: 803680

Ion Ratio Lower Upper

114 100

63 16.2 0.0 40.0

88 13.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.373 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073868.D

Acq: 13 Aug 2022 13:42

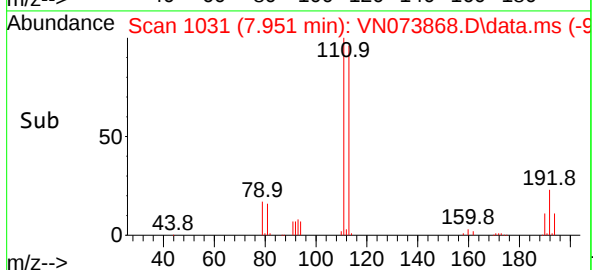
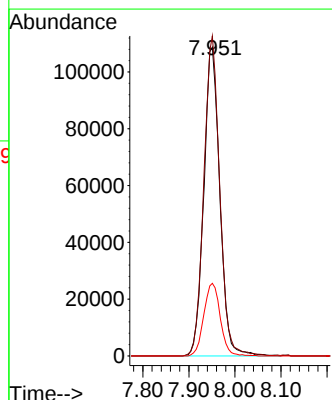
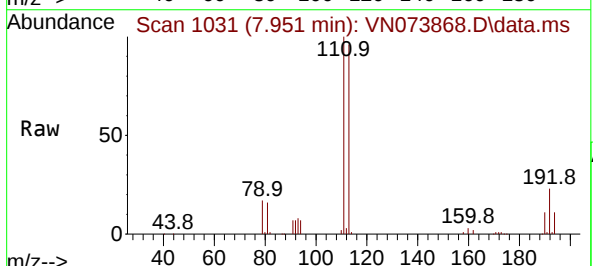
Tgt Ion:113 Resp: 264304

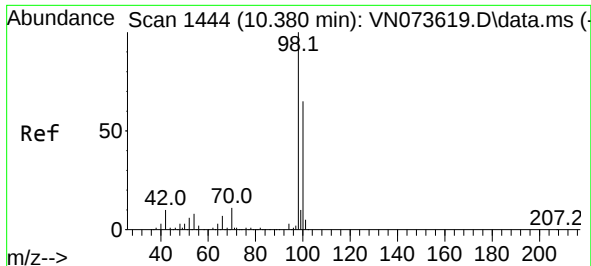
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 24.2 17.0 25.6

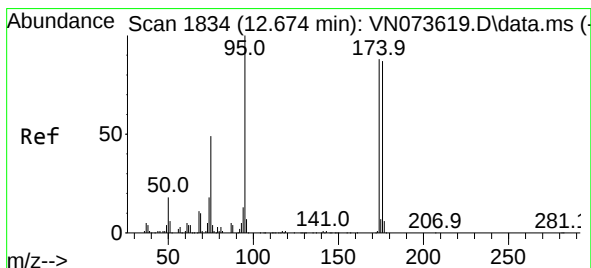
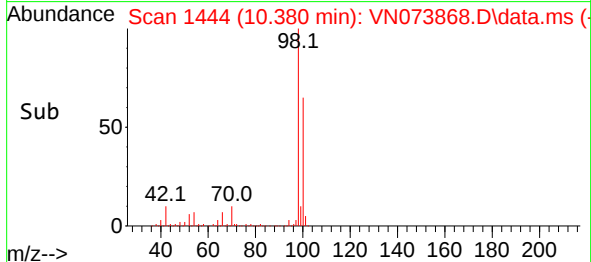
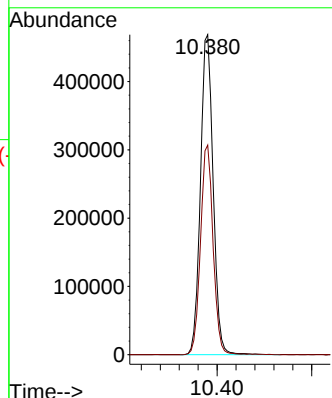
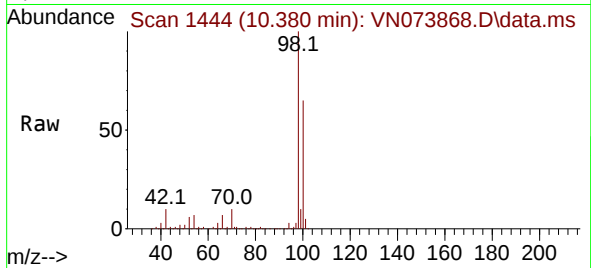




#50
Toluene-d8
Concen: 43.735 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073868.D
Acq: 13 Aug 2022 13:42

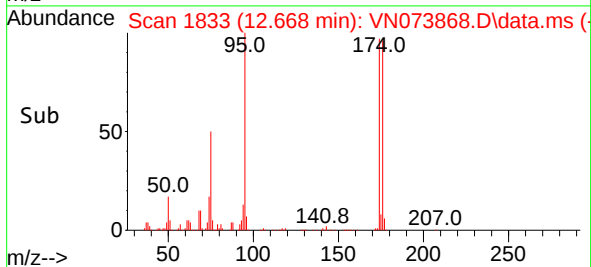
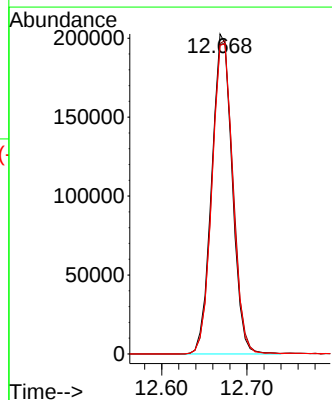
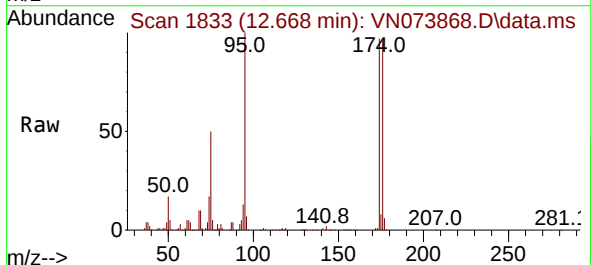
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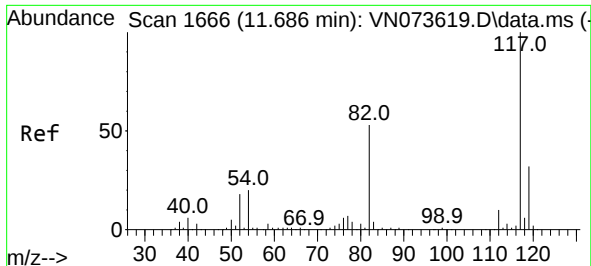
Tgt Ion: 98 Resp: 868524
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073868.D
Acq: 13 Aug 2022 13:42

Tgt Ion: 95 Resp: 338201
Ion Ratio Lower Upper
95 100
174 100.6 0.0 167.6
176 98.6 0.0 163.4

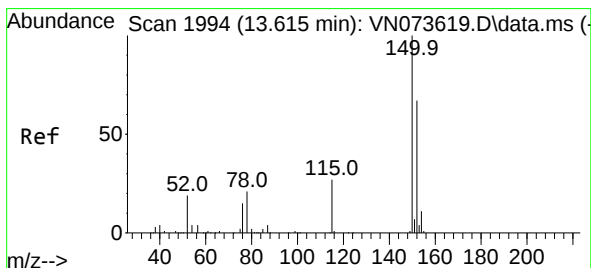
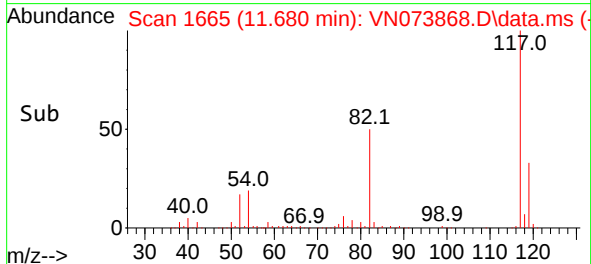
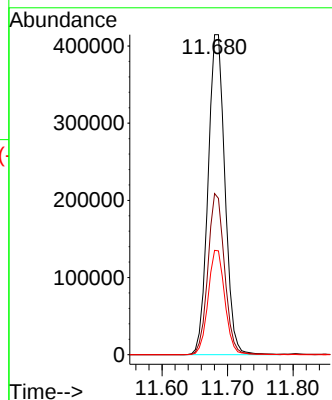
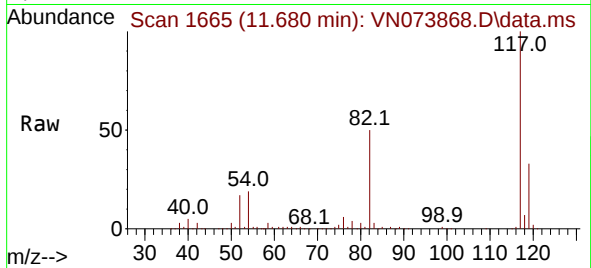




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073868.D
Acq: 13 Aug 2022 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:117 Resp: 740981
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.006 min
Lab File: VN073868.D
Acq: 13 Aug 2022 13:42

Tgt Ion:152 Resp: 384998
Ion Ratio Lower Upper
152 100
115 53.5 28.9 86.7
150 156.2 0.0 356.2

