

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074212.D
 Acq On : 31 Aug 2022 14:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 01 00:24:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	215158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	398106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	409660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	207240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	172313	51.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.260%
35) Dibromofluoromethane	7.957	113	143512	55.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.800%
50) Toluene-d8	10.380	98	495498	48.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.668	95	208460	67.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	134.380%#

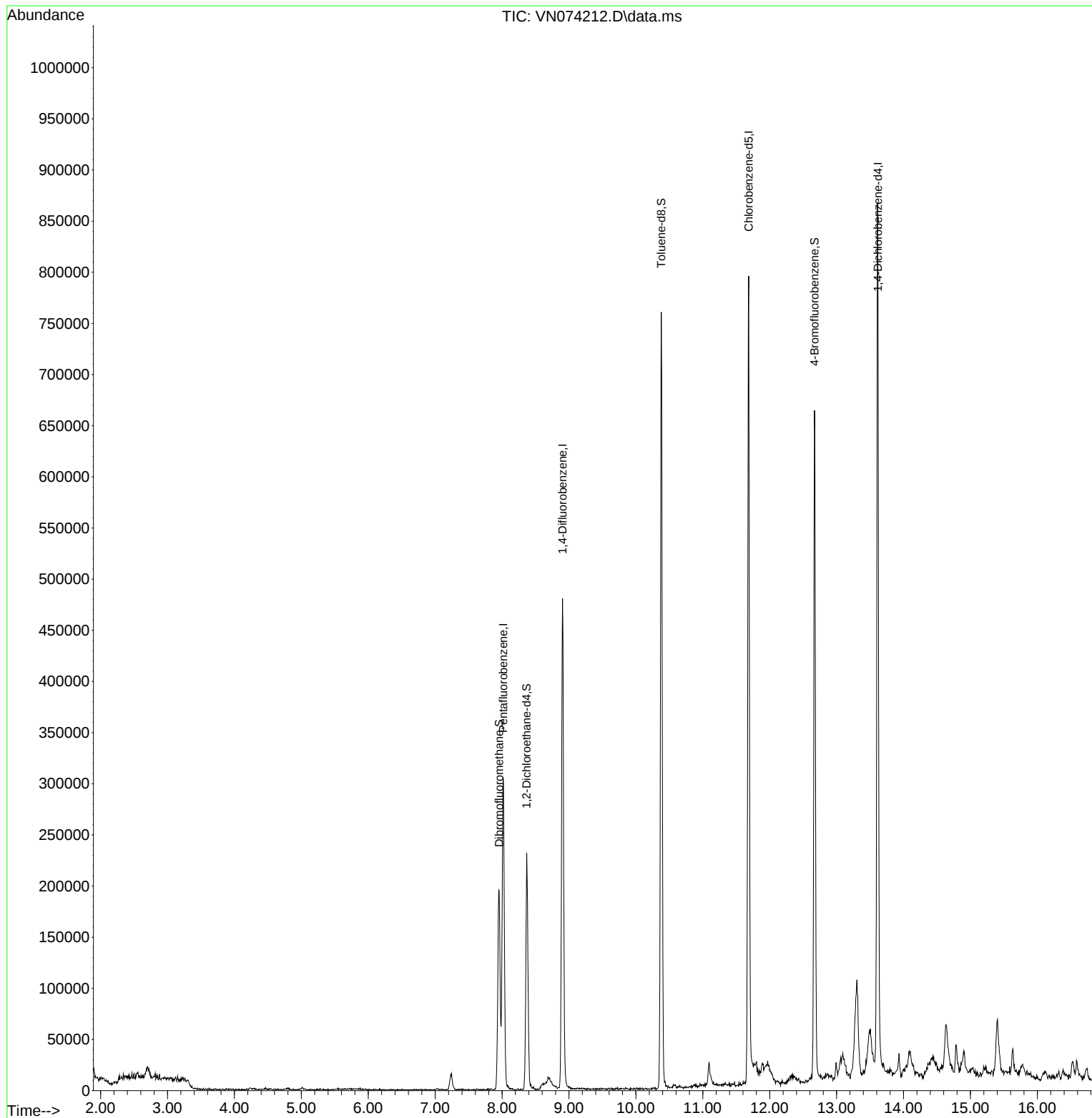
Target Compounds	Qvalue

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

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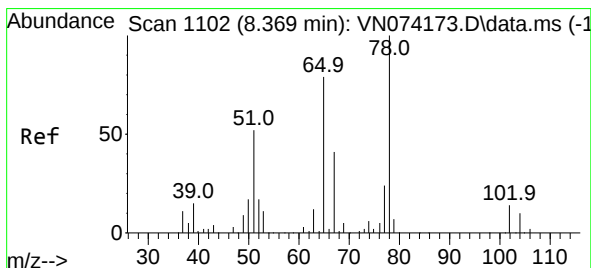
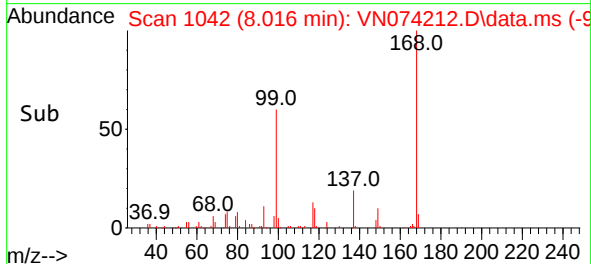
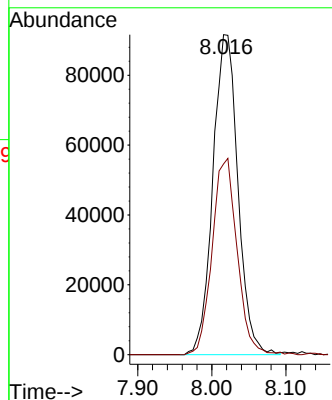
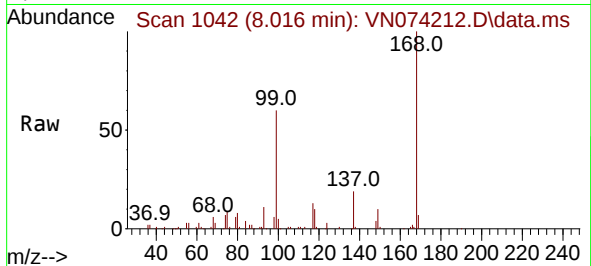




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074212.D
Acq: 31 Aug 2022 14:20

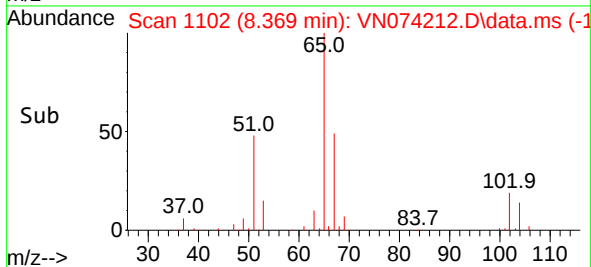
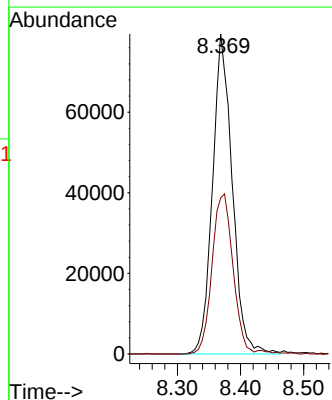
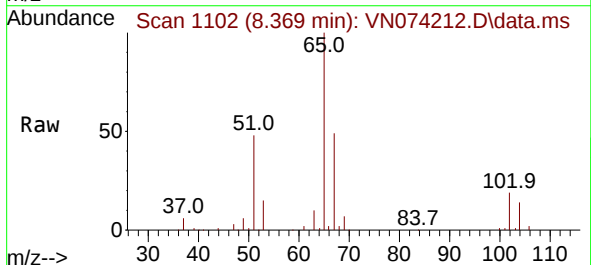
Instrument :
MSVOA_N
ClientSampleId :
IBLK

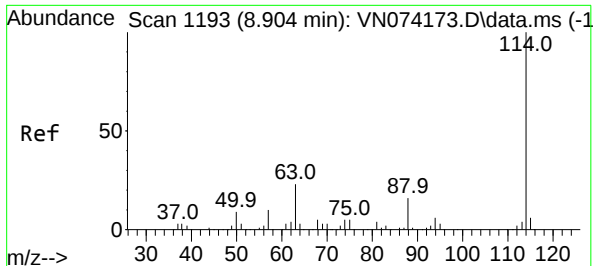
Tgt Ion:168 Resp: 215158
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.627 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074212.D
Acq: 31 Aug 2022 14:20

Tgt Ion: 65 Resp: 172313
Ion Ratio Lower Upper
65 100
67 52.8 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: VN074212.D

Acq: 31 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

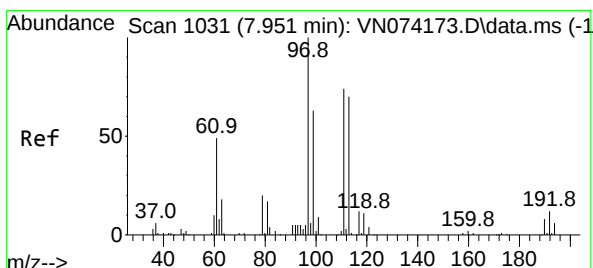
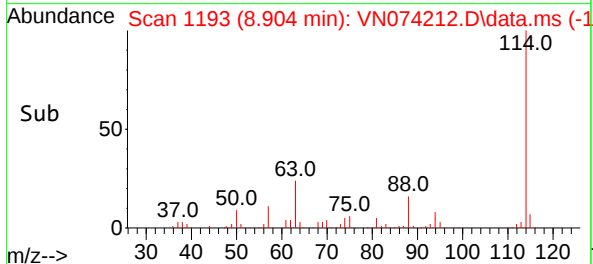
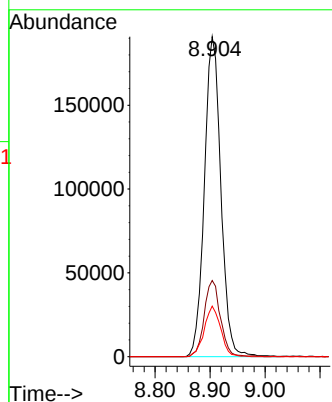
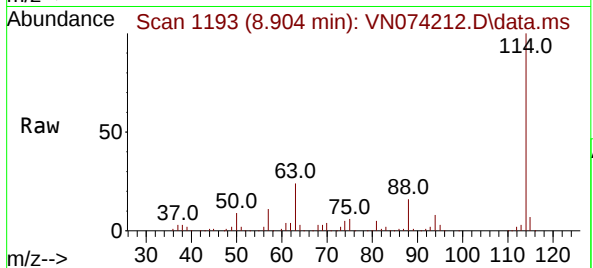
Tgt Ion:114 Resp: 398106

Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.398 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074212.D

Acq: 31 Aug 2022 14:20

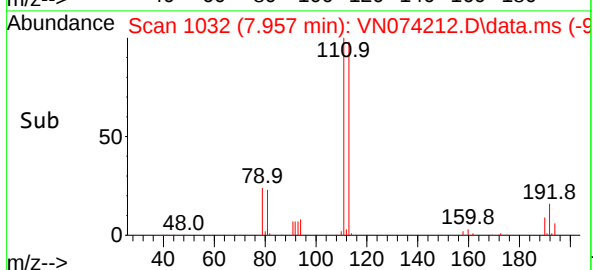
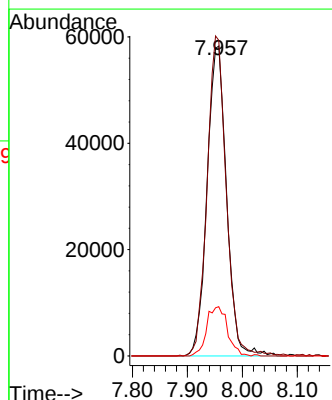
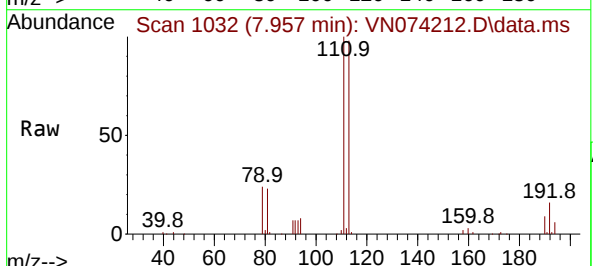
Tgt Ion:113 Resp: 143512

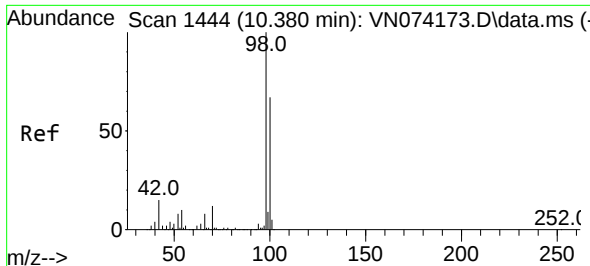
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 17.0 17.0 25.6#

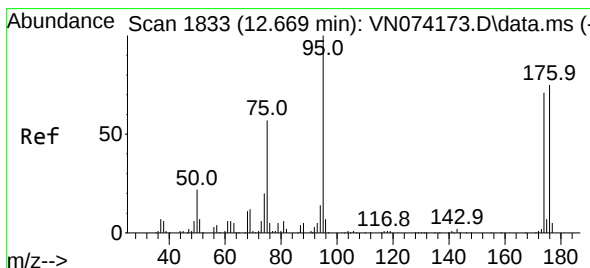
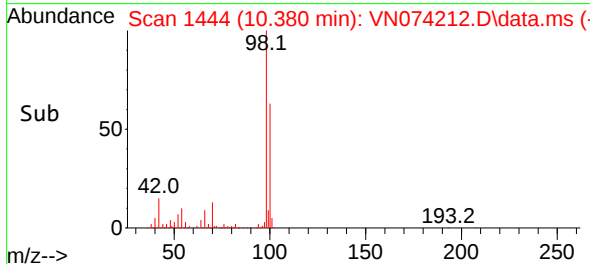
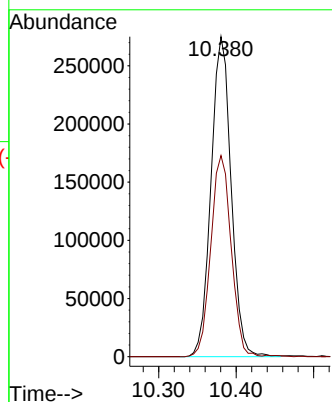
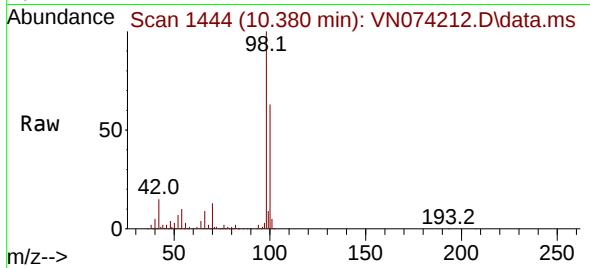




#50
Toluene-d8
Concen: 48.569 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074212.D
Acq: 31 Aug 2022 14:20

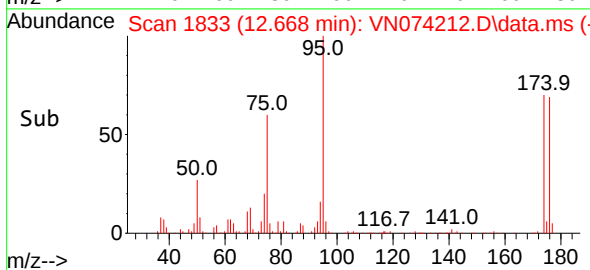
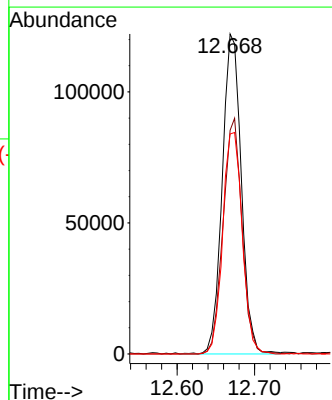
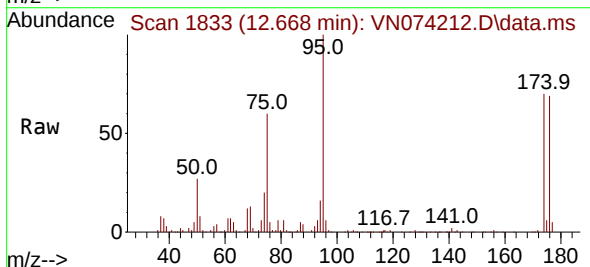
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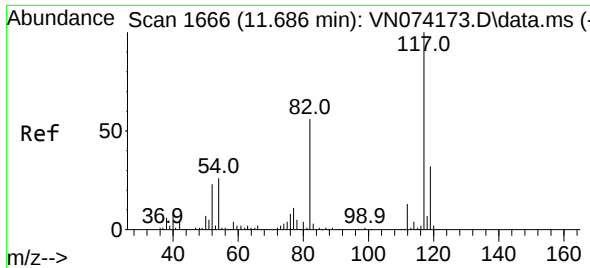
Tgt Ion: 98 Resp: 495498
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 67.192 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074212.D
Acq: 31 Aug 2022 14:20

Tgt Ion: 95 Resp: 208460
Ion Ratio Lower Upper
95 100
174 73.2 0.0 167.6
176 71.0 0.0 163.4

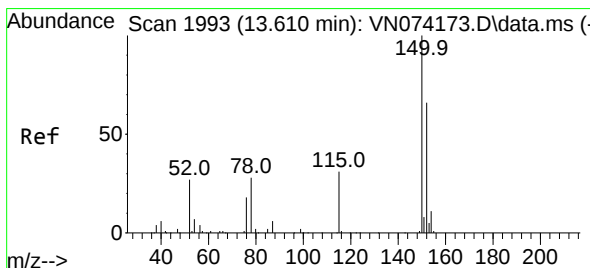
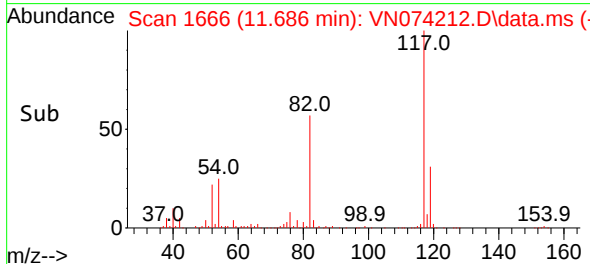
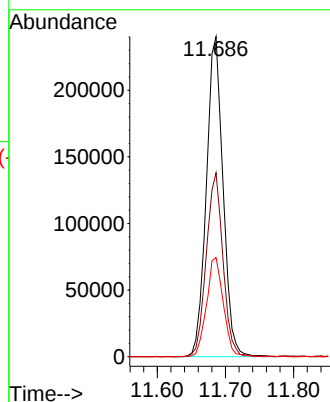
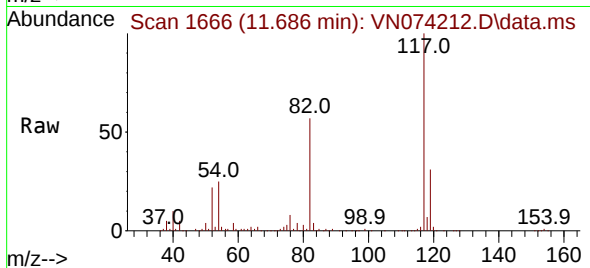




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074212.D
Acq: 31 Aug 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 409660
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN074212.D
Acq: 31 Aug 2022 14:20

Tgt Ion:152 Resp: 207240
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 158.7 0.0 356.2

