

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074108.D
 Acq On : 25 Aug 2022 12:28
 Operator : JC\MD
 Sample : VN0825WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

Quant Time: Aug 26 01:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	588216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	886983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	729176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	297106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	303137	52.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.820%
35) Dibromofluoromethane	7.951	113	266052	50.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	10.381	98	983666	48.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.674	95	291409	43.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.440%

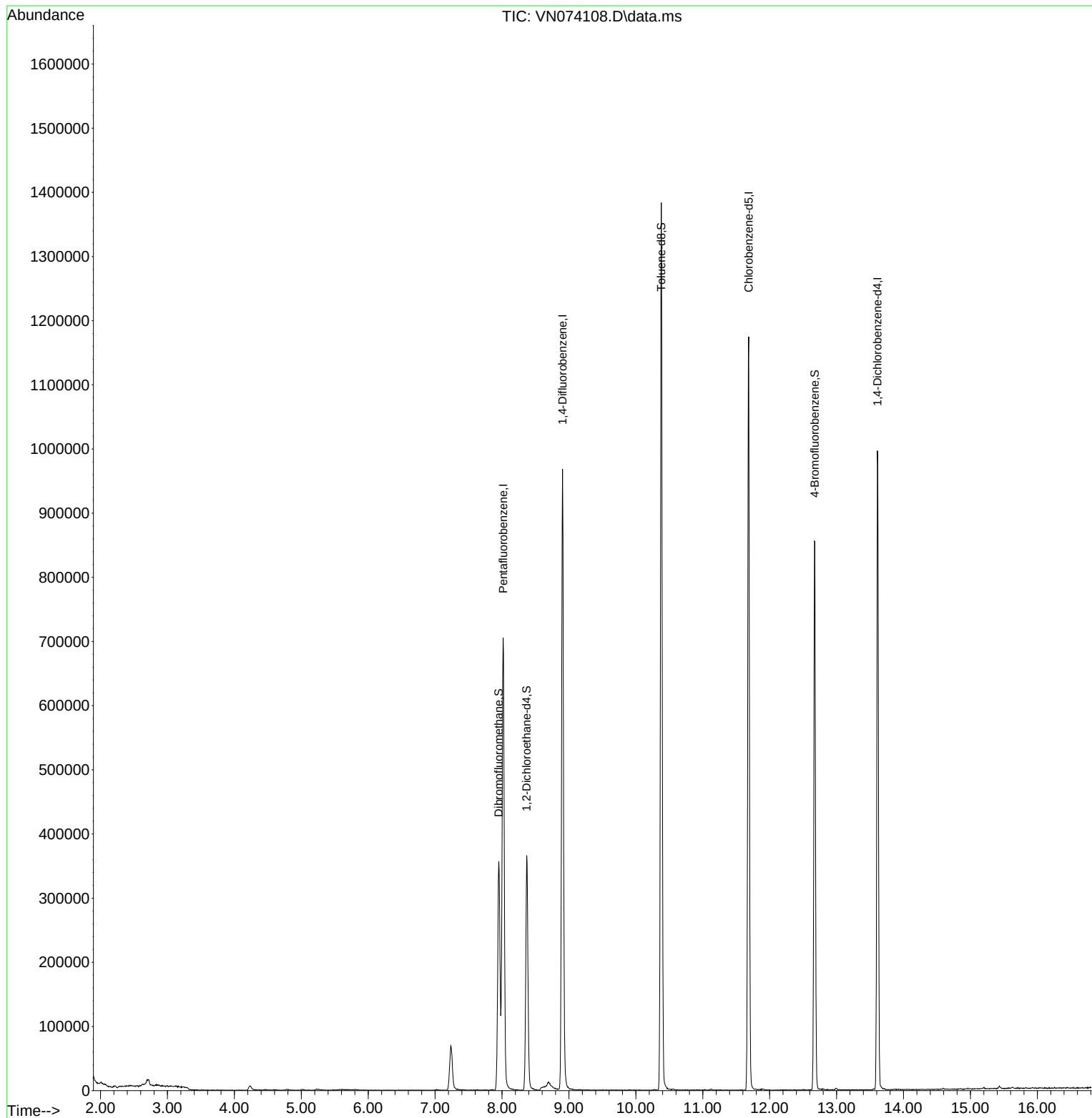
Target Compounds	Qvalue

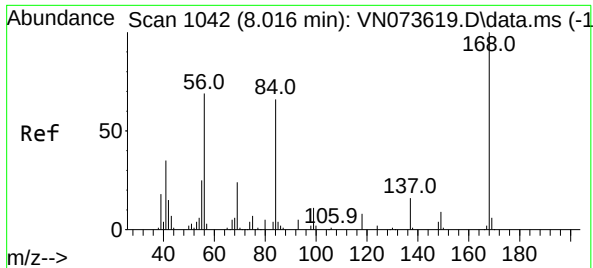
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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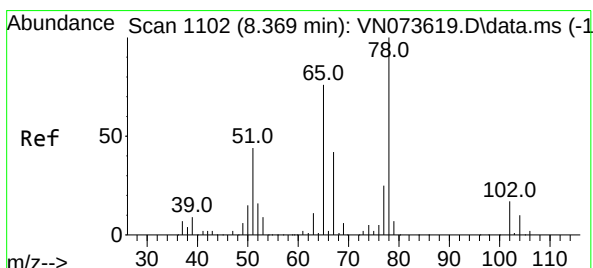
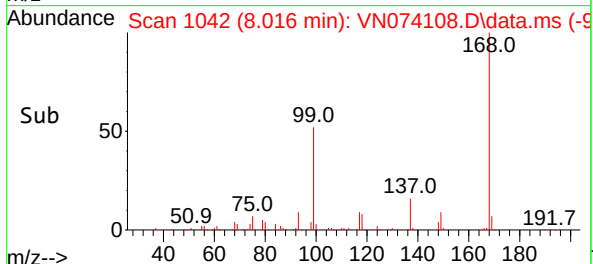
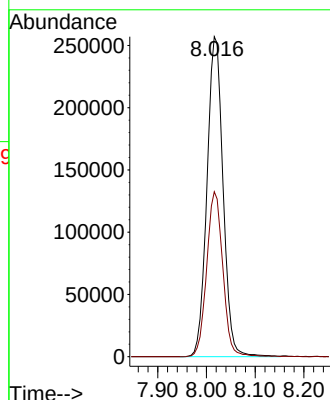
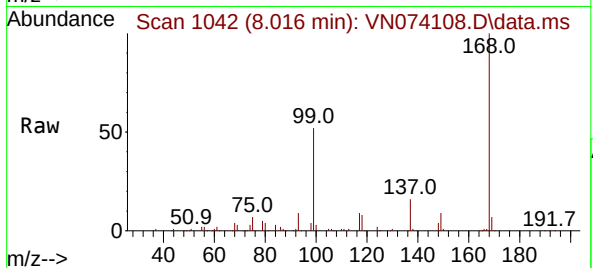




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

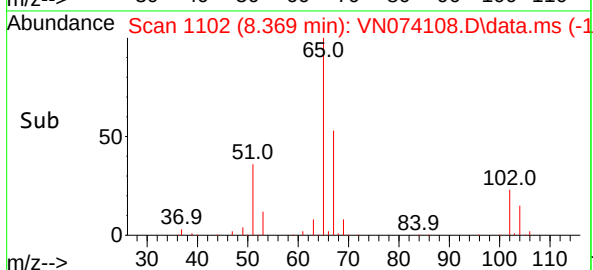
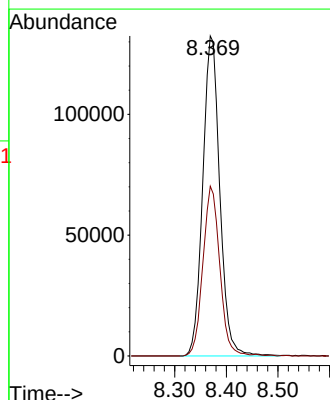
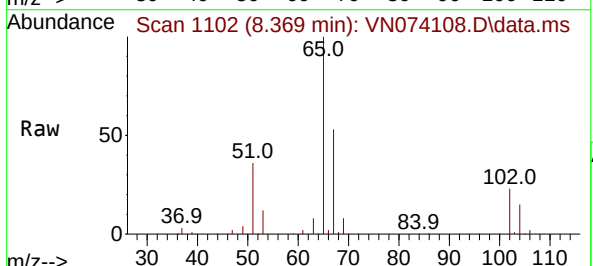
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

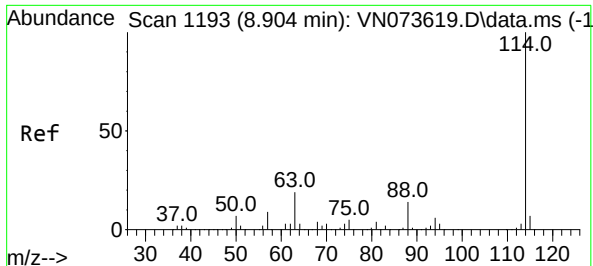
Tgt Ion:168 Resp: 588216
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 52.911 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 65 Resp: 303137
Ion Ratio Lower Upper
65 100
67 52.3 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: VN074108.D

Acq: 25 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBL01

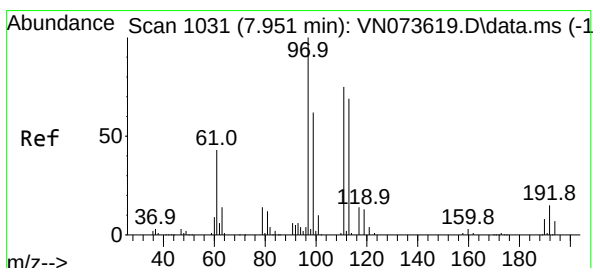
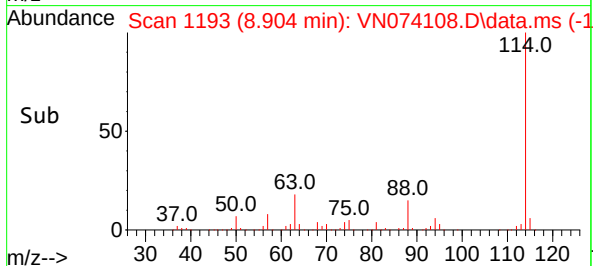
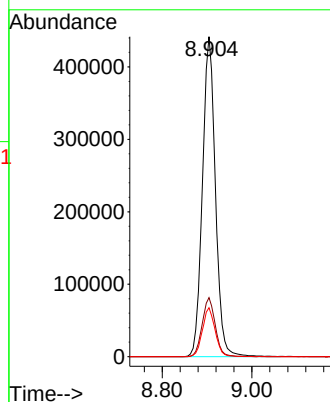
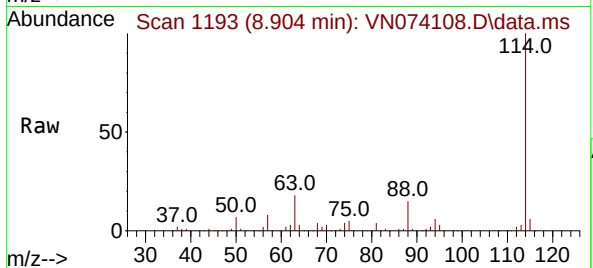
Tgt Ion:114 Resp: 886983

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.720 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074108.D

Acq: 25 Aug 2022 12:28

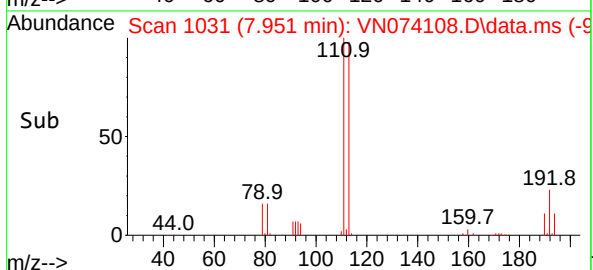
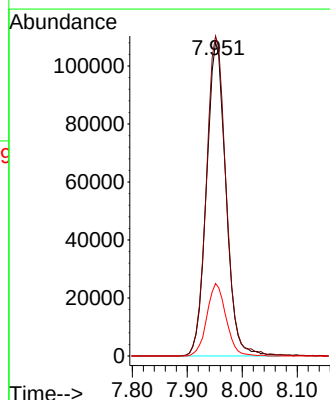
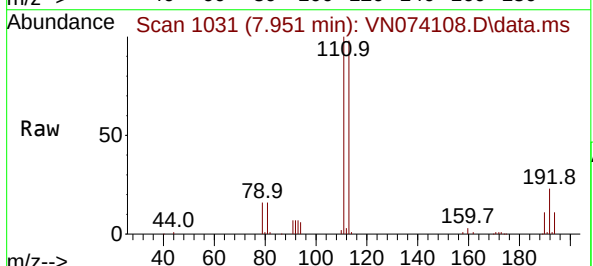
Tgt Ion:113 Resp: 266052

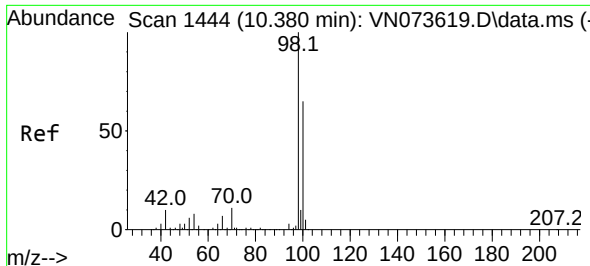
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 22.8 17.0 25.6

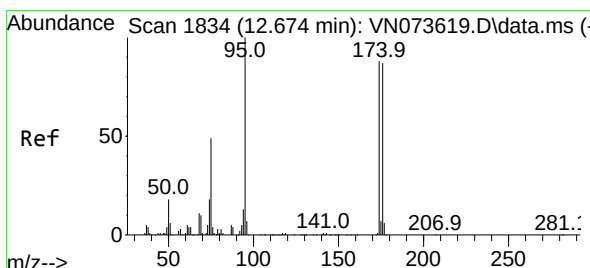
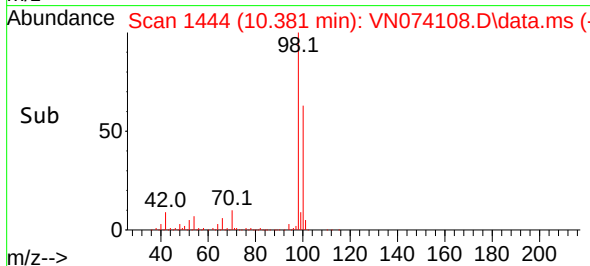
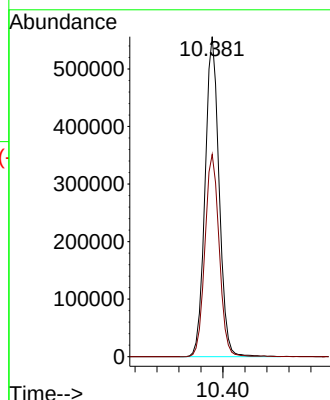
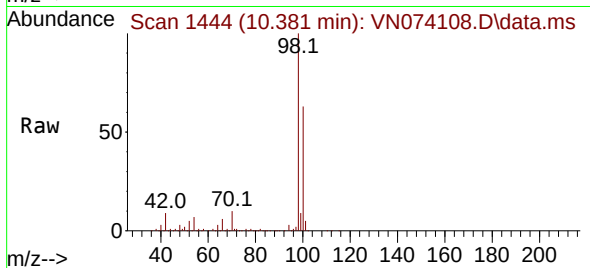




#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

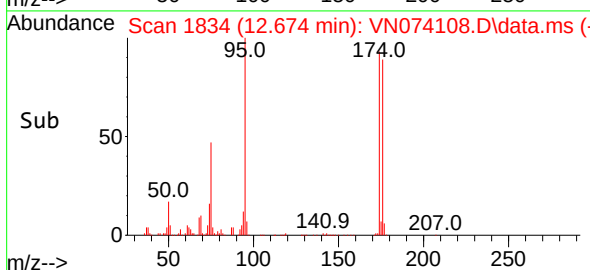
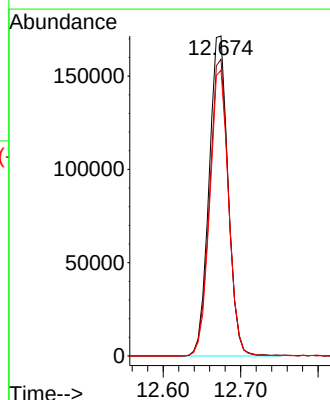
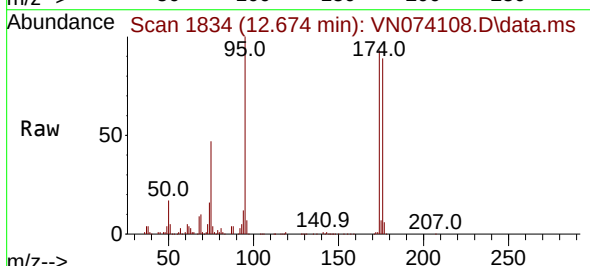
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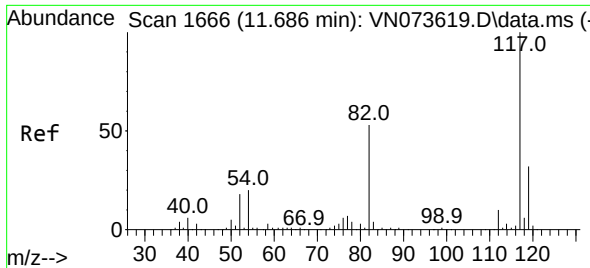
Tgt Ion: 98 Resp: 983666
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 95 Resp: 291409
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 88.8 0.0 163.4

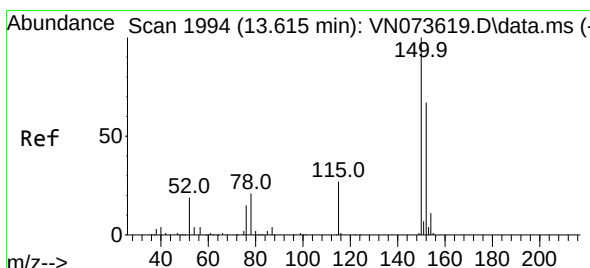
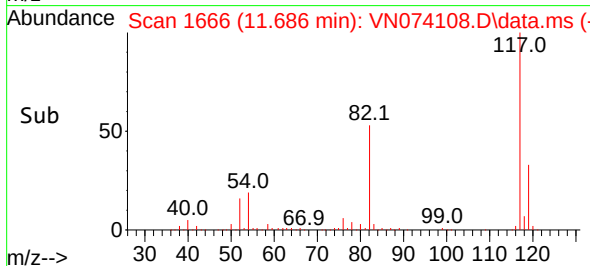
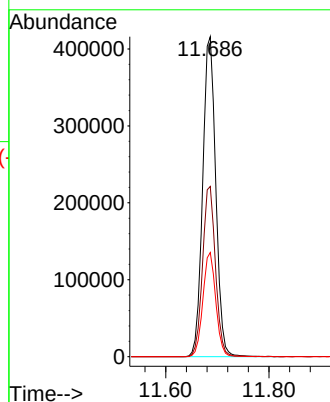
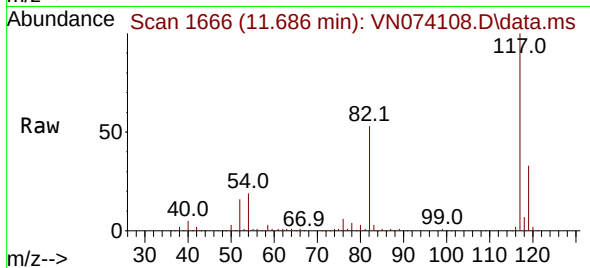




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion:117 Resp: 729176
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.005 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion:152 Resp: 297106
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 156.1 0.0 356.2

