

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074223.D
 Acq On : 31 Aug 2022 18:52
 Operator : JC\MD
 Sample : N4428-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Sep 01 00:29:03 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	178364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	337510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	322484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	141455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	152832	55.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.480%
35) Dibromofluoromethane	7.952	113	123419	56.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.400%
50) Toluene-d8	10.381	98	409223	47.314	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.669	95	148259	56.367	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.740%

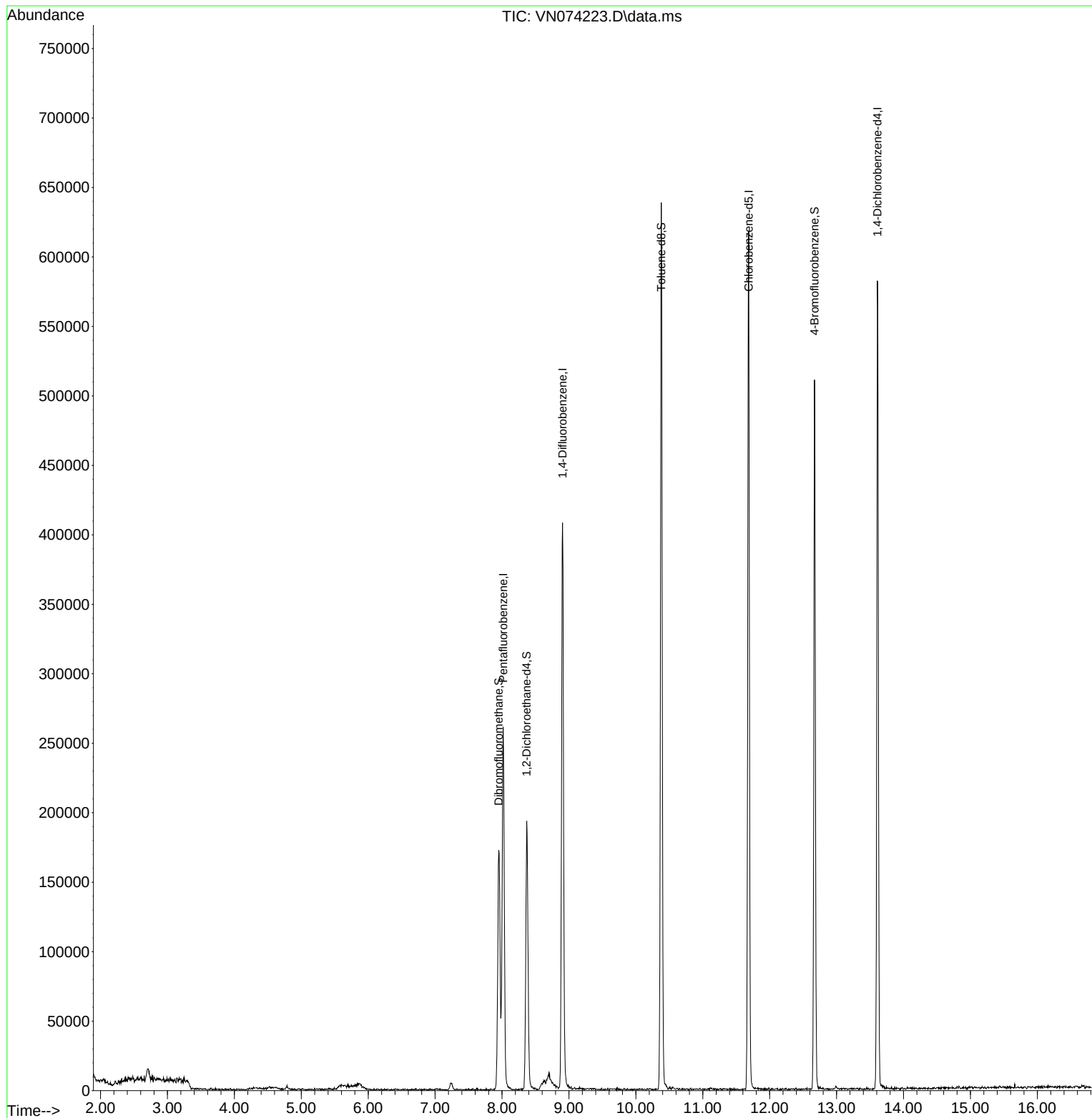
Target Compounds	Qvalue

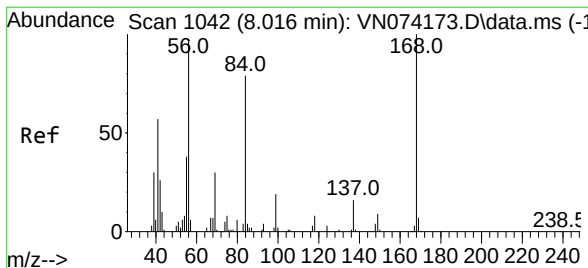
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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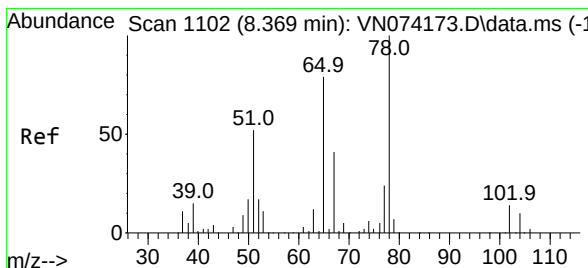
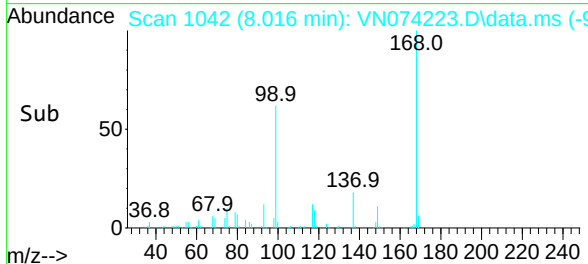
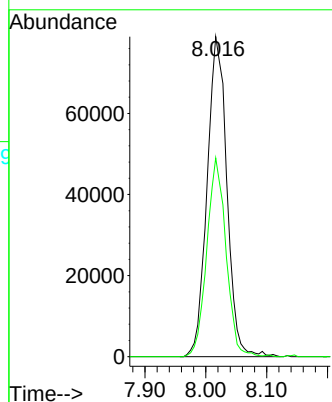
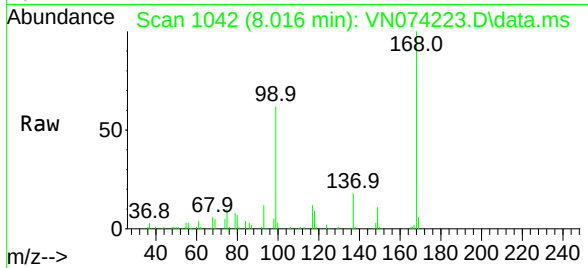




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074223.D
Acq: 31 Aug 2022 18:52

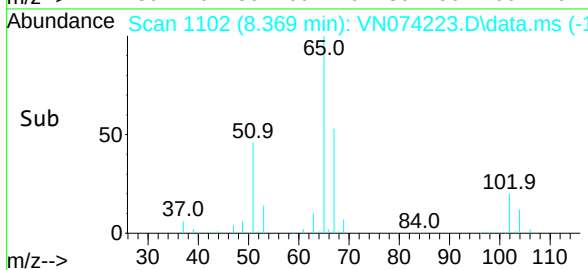
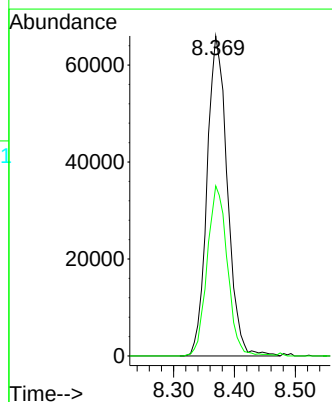
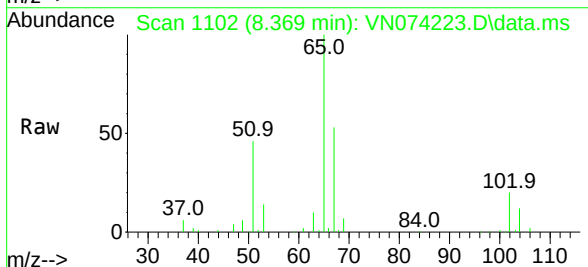
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

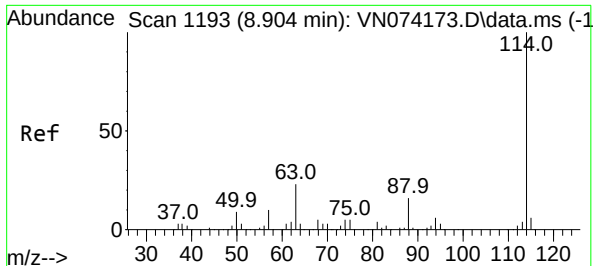
Tgt Ion:168 Resp: 178364
Ion Ratio Lower Upper
168 100
99 62.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 55.236 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074223.D
Acq: 31 Aug 2022 18:52

Tgt Ion: 65 Resp: 152832
Ion Ratio Lower Upper
65 100
67 53.1 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: VN074223.D

Acq: 31 Aug 2022 18:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

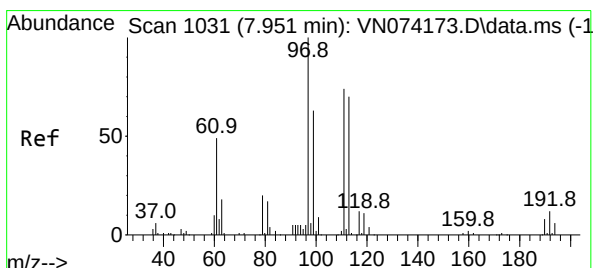
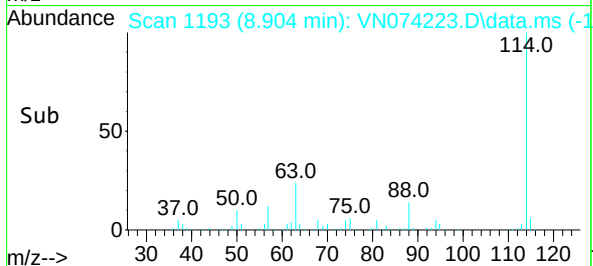
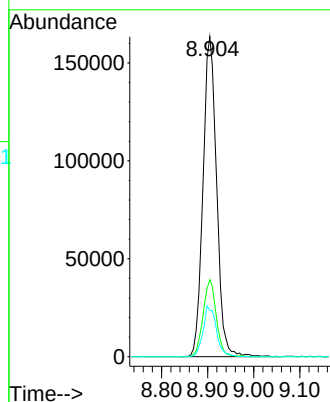
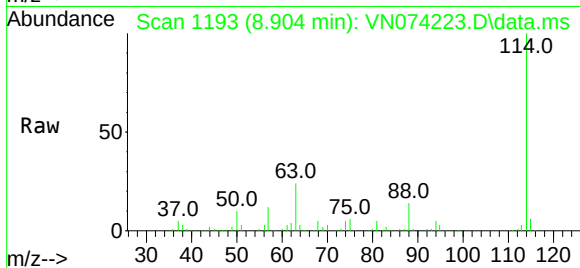
Tgt Ion:114 Resp: 337510

Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.195 ug/l

RT: 7.952 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074223.D

Acq: 31 Aug 2022 18:52

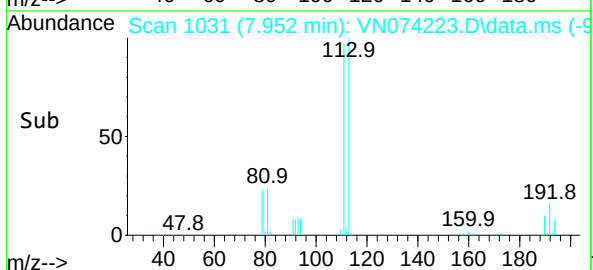
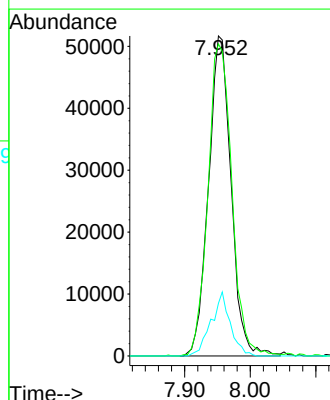
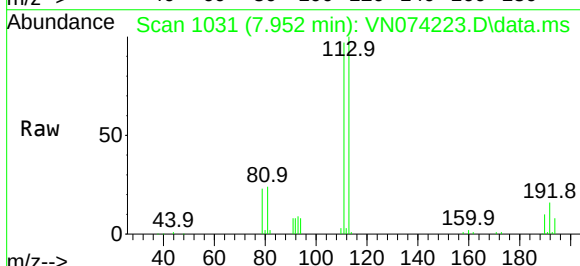
Tgt Ion:113 Resp: 123419

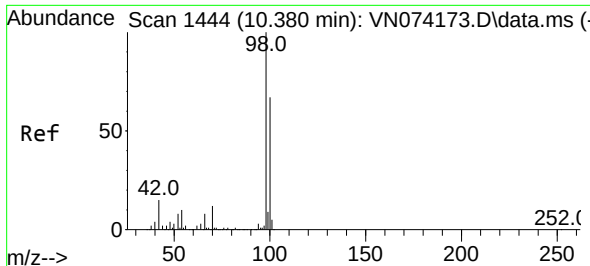
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 17.1 17.0 25.6

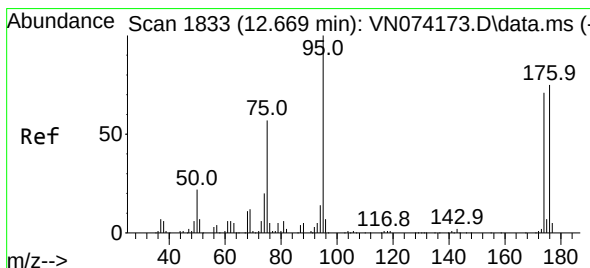
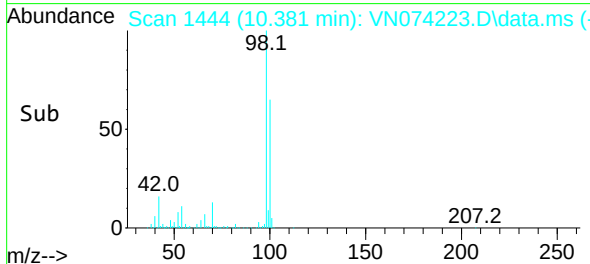
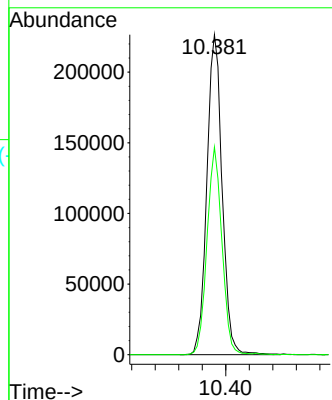
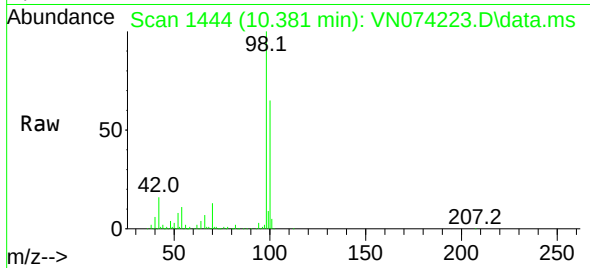




#50
Toluene-d8
Concen: 47.314 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074223.D
Acq: 31 Aug 2022 18:52

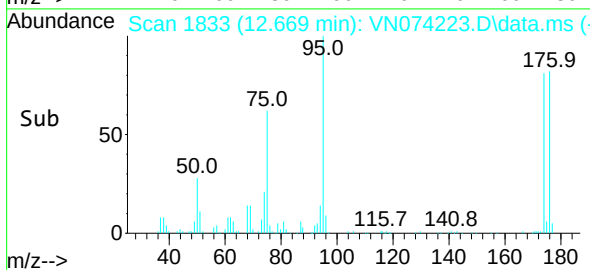
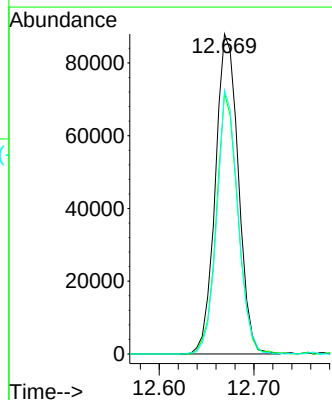
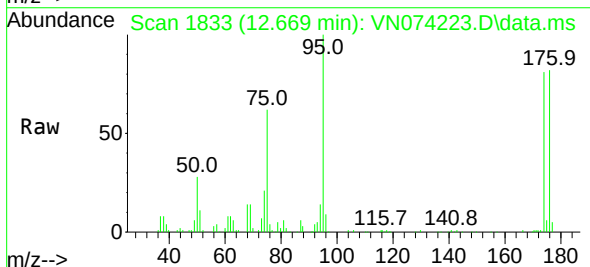
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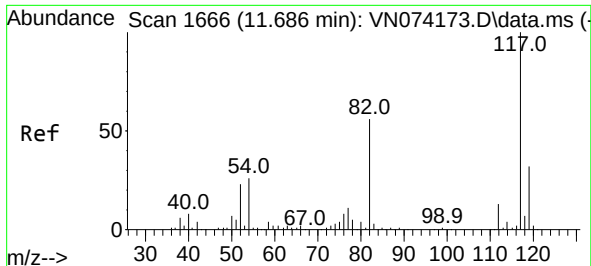
Tgt Ion: 98 Resp: 409223
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.367 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074223.D
Acq: 31 Aug 2022 18:52

Tgt Ion: 95 Resp: 148259
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 75.9 0.0 163.4

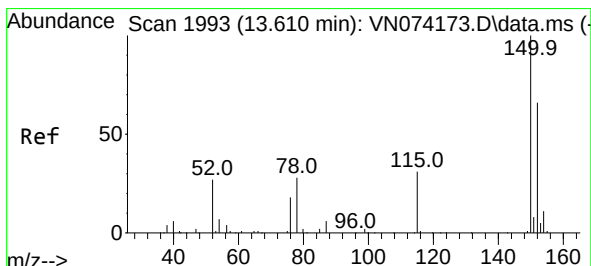
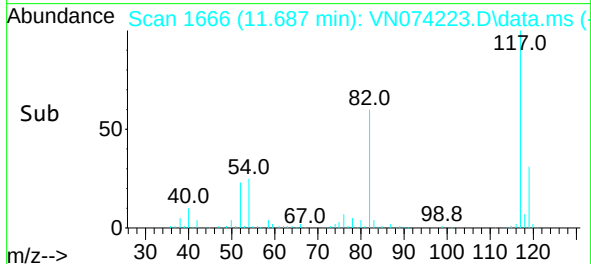
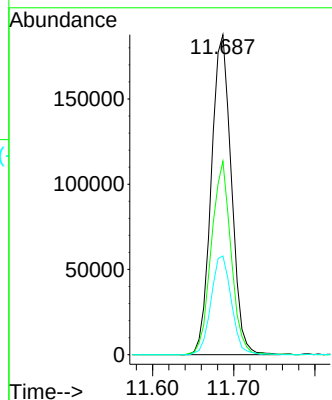
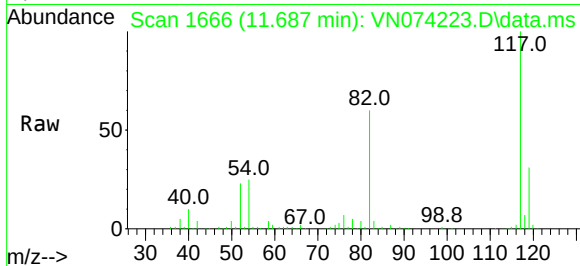




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074223.D
Acq: 31 Aug 2022 18:52

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 322484
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074223.D
Acq: 31 Aug 2022 18:52

Tgt Ion:152 Resp: 141455
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 154.3 0.0 356.2

