

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074220.D
 Acq On : 31 Aug 2022 17:37
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 01 00:28:03 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	8.022	168	186248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	355076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	341519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	148441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	157671	54.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.140%
35) Dibromofluoromethane	7.951	113	126266	54.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.300%
50) Toluene-d8	10.380	98	428281	47.068	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.668	95	160187	57.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.780%

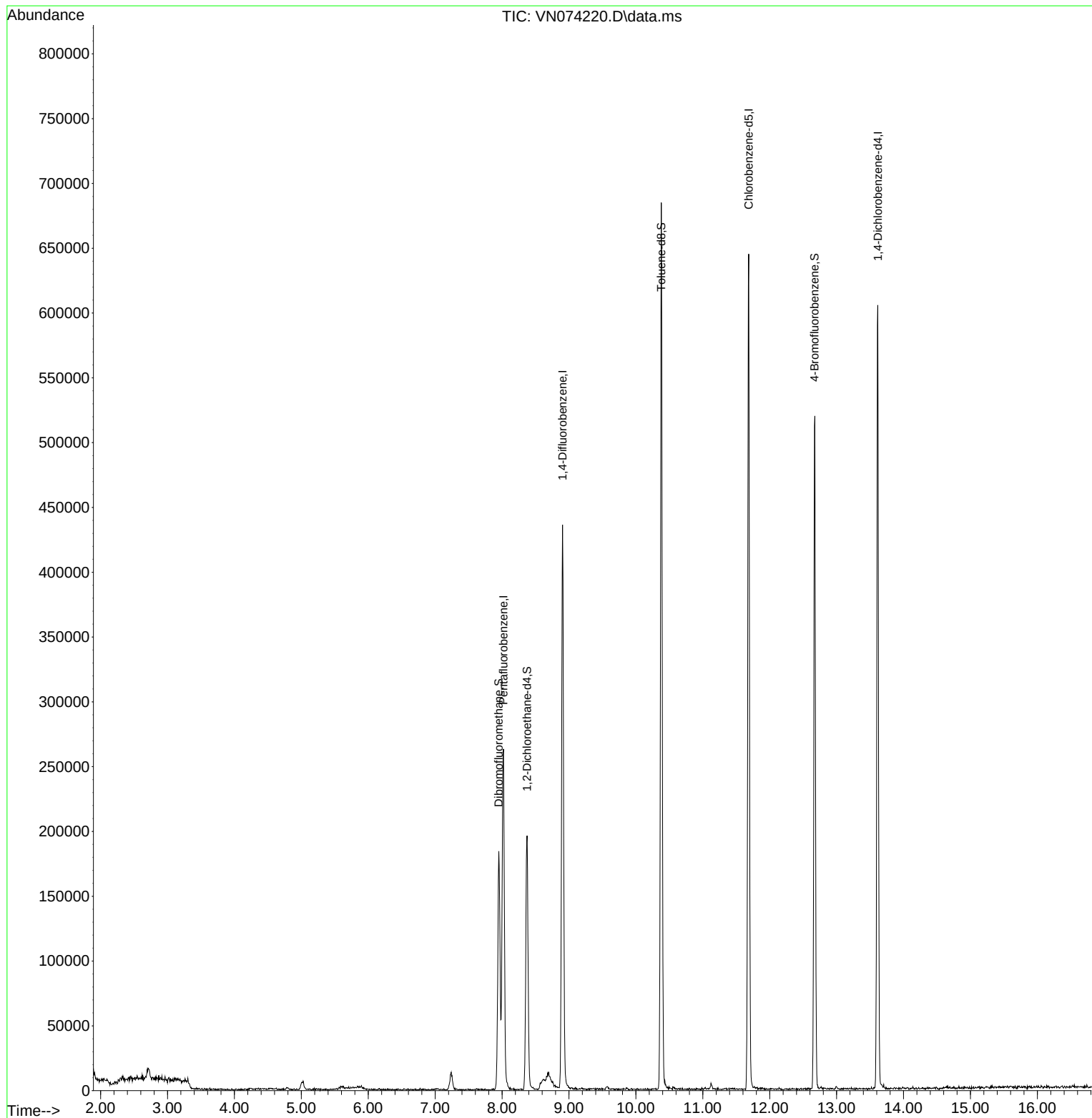
Target Compounds	Qvalue

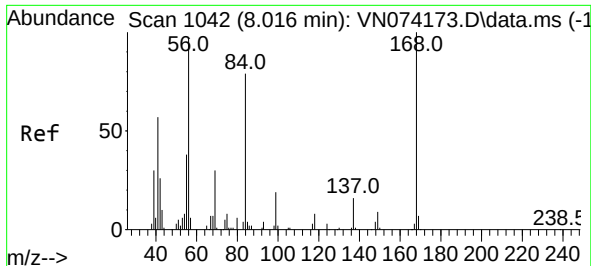
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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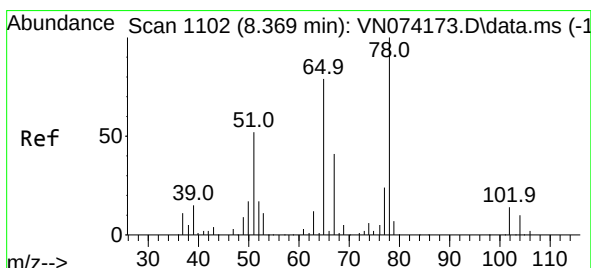
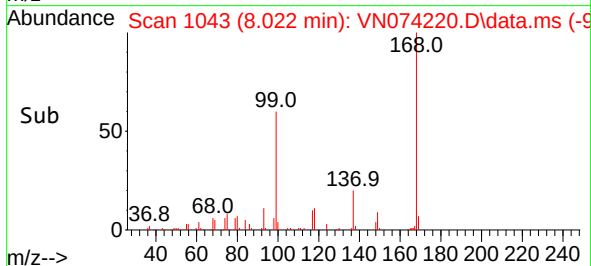
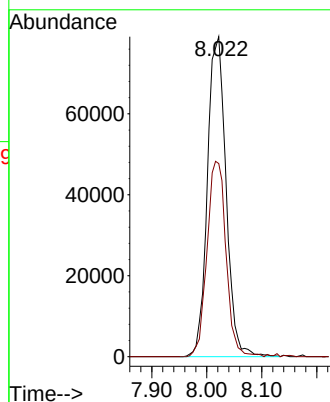
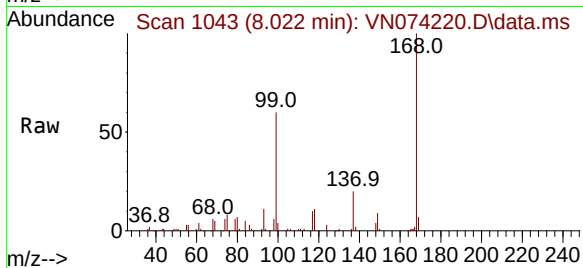




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074220.D
Acq: 31 Aug 2022 17:37

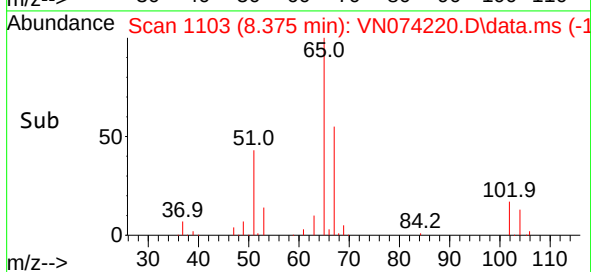
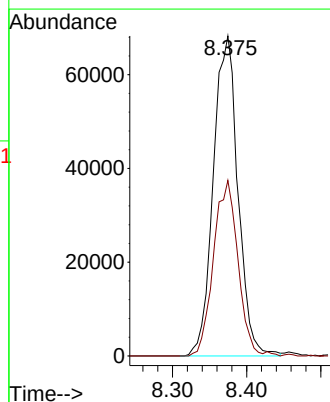
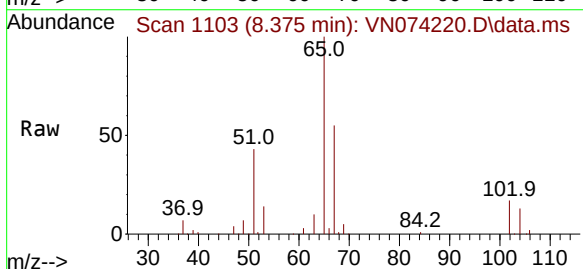
Instrument :
MSVOA_N
ClientSampleId :
IBLK

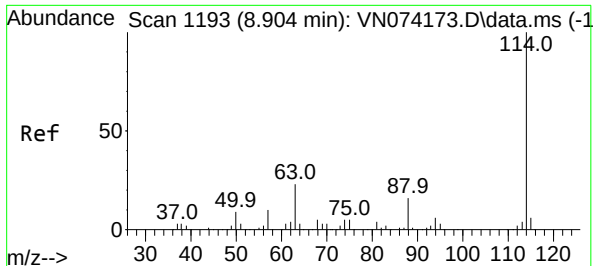
Tgt Ion:168 Resp: 186248
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 54.573 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074220.D
Acq: 31 Aug 2022 17:37

Tgt Ion: 65 Resp: 157671
Ion Ratio Lower Upper
65 100
67 53.9 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: VN074220.D

Acq: 31 Aug 2022 17:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

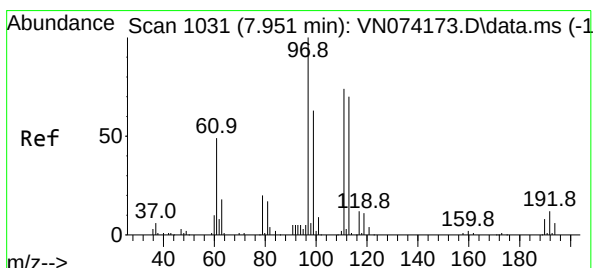
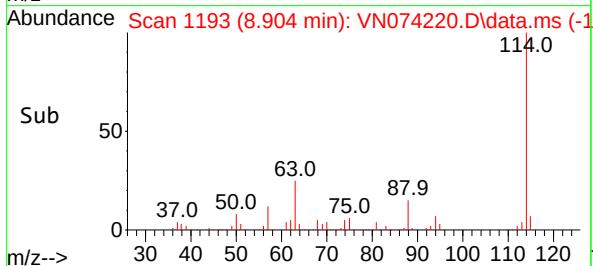
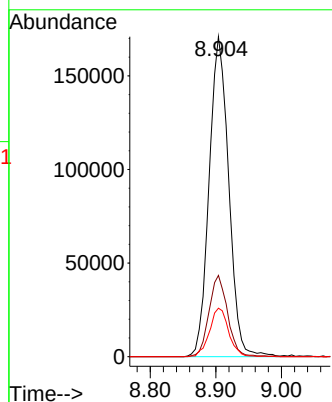
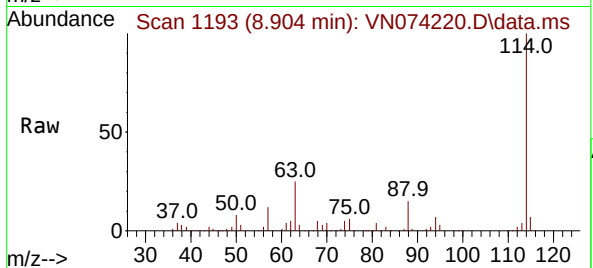
Tgt Ion:114 Resp: 355076

Ion Ratio Lower Upper

114 100

63 25.4 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.648 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074220.D

Acq: 31 Aug 2022 17:37

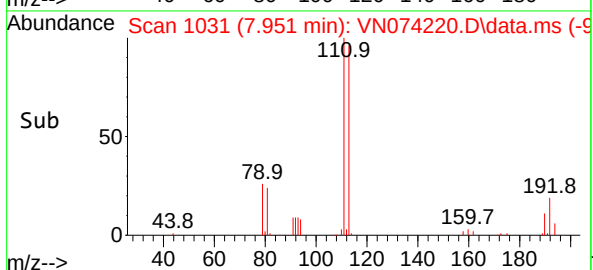
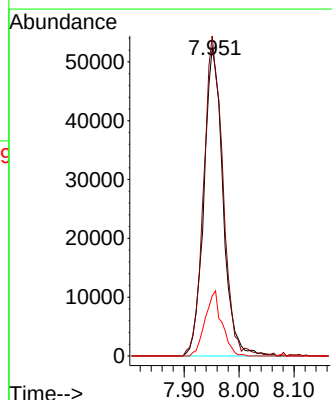
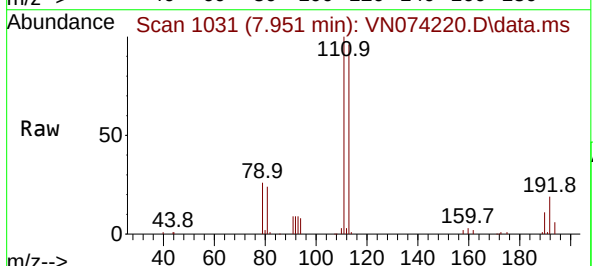
Tgt Ion:113 Resp: 126266

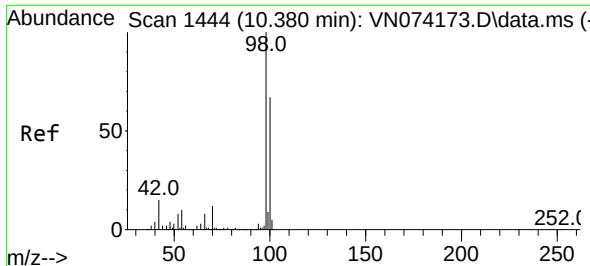
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 18.5 17.0 25.6

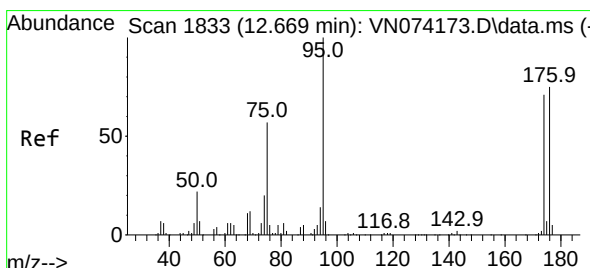
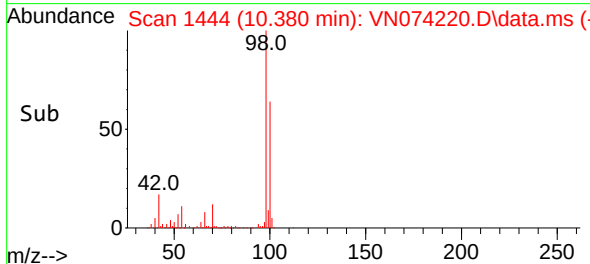
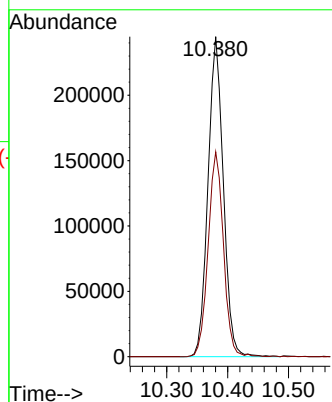
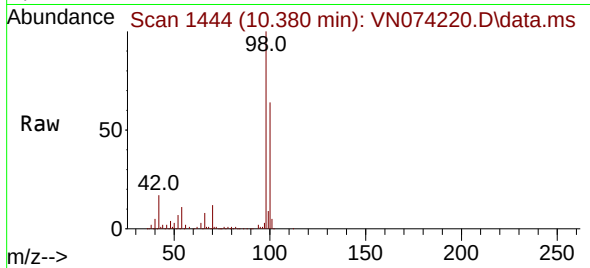




#50
Toluene-d8
Concen: 47.068 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074220.D
Acq: 31 Aug 2022 17:37

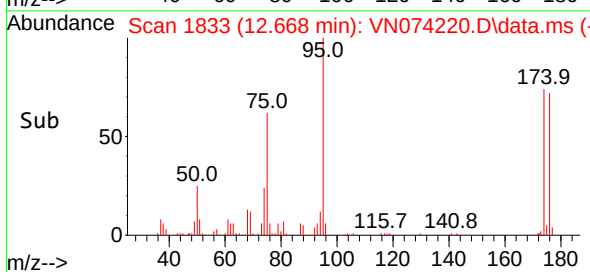
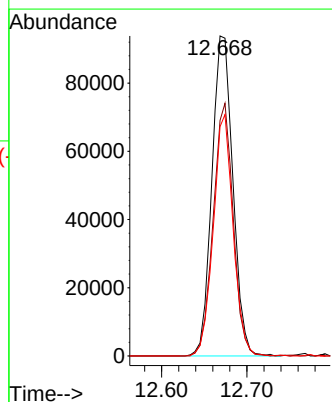
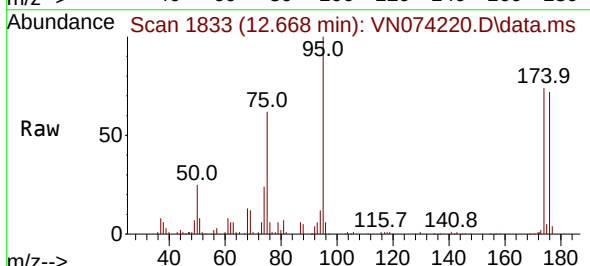
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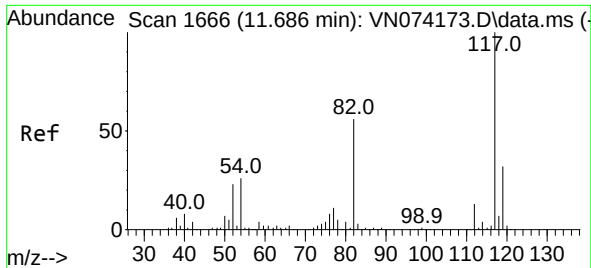
Tgt Ion: 98 Resp: 428281
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.889 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074220.D
Acq: 31 Aug 2022 17:37

Tgt Ion: 95 Resp: 160187
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 71.5 0.0 163.4

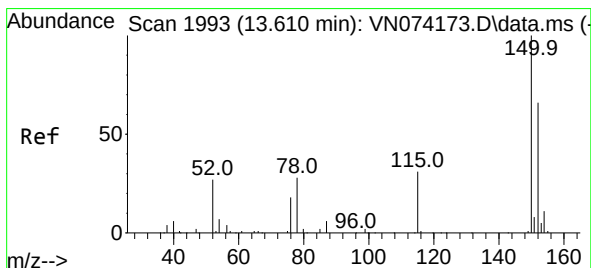
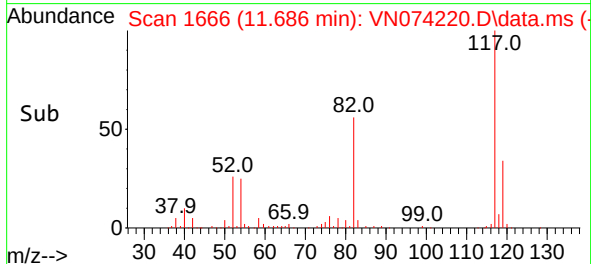
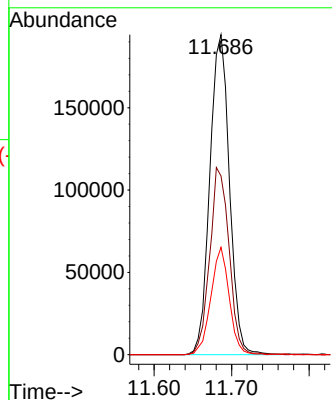
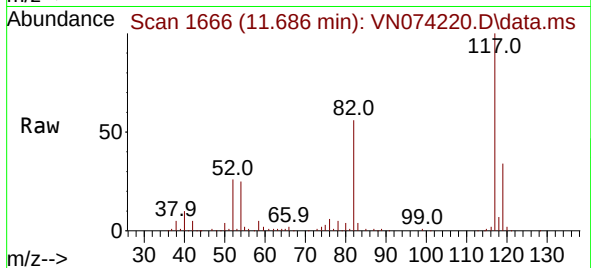




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074220.D
Acq: 31 Aug 2022 17:37

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 341519
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 33.6 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: VN074220.D
Acq: 31 Aug 2022 17:37

Tgt Ion:152 Resp: 148441
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 154.6 0.0 356.2

