

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075022.D
 Acq On : 26 Oct 2022 13:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 27 09:54:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	109068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	203316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	171032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	81406	55.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.780%
35) Dibromofluoromethane	8.171	113	63007	52.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.580%
50) Toluene-d8	10.571	98	242712	52.413	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.853	95	73624	45.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.520%

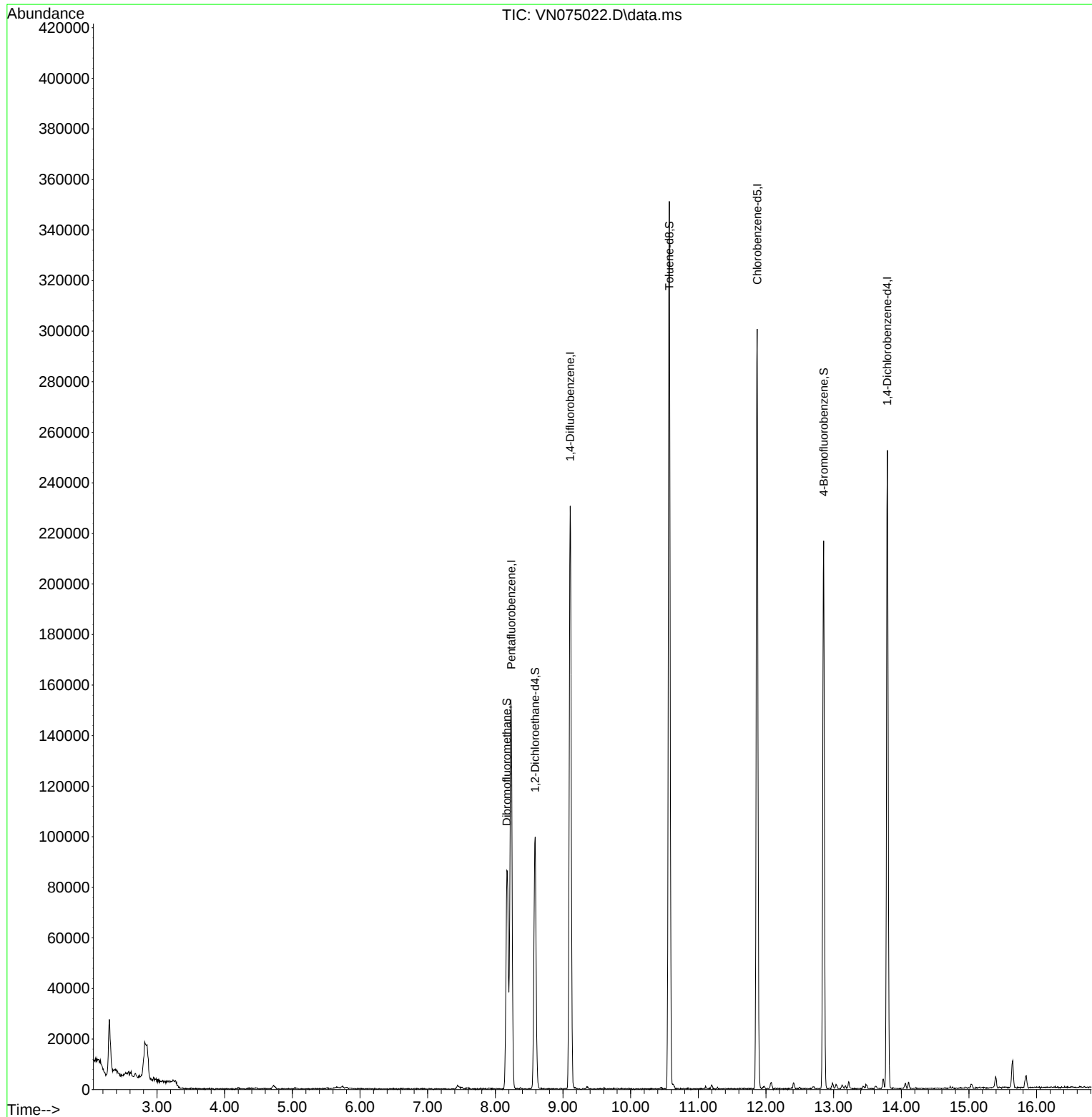
Target Compounds	Qvalue

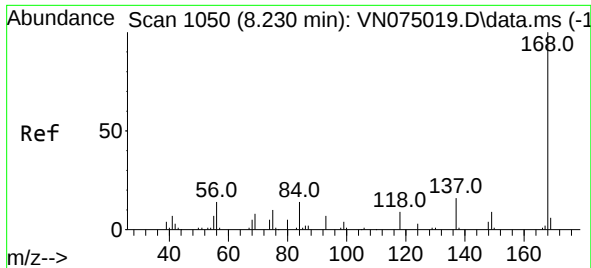
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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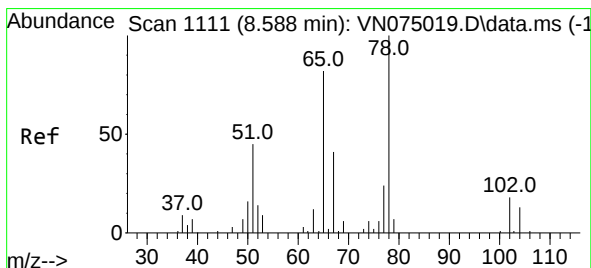
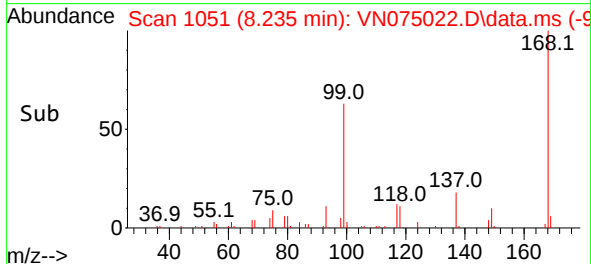
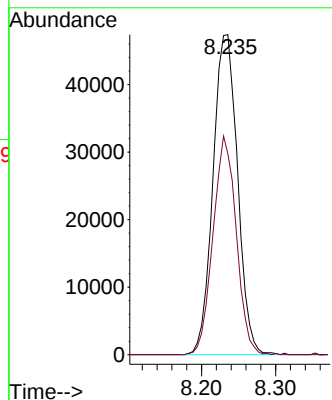
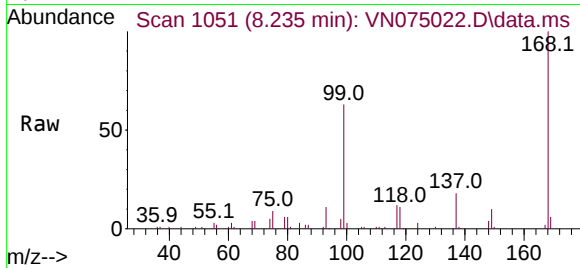




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

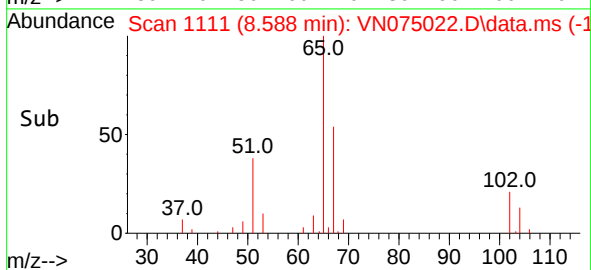
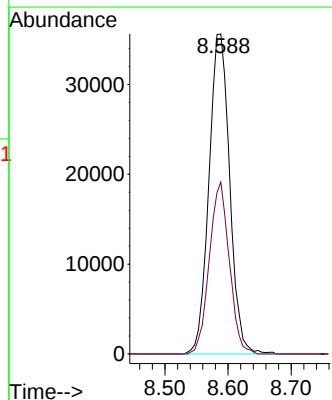
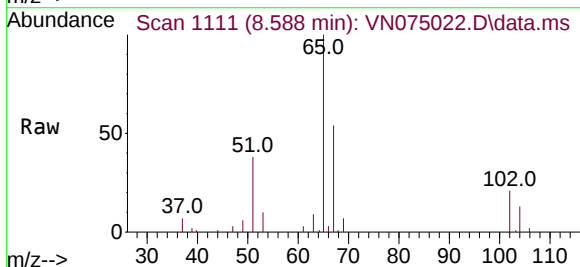
Instrument :
MSVOA_N
ClientSampleId :
IBLK

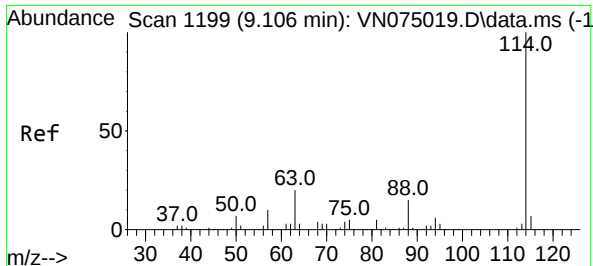
Tgt Ion:168 Resp: 109068
Ion Ratio Lower Upper
168 100
99 62.8 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 55.395 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 65 Resp: 81406
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075022.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

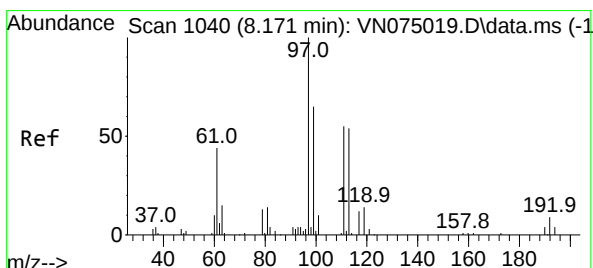
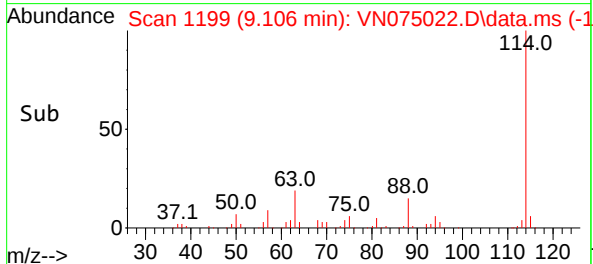
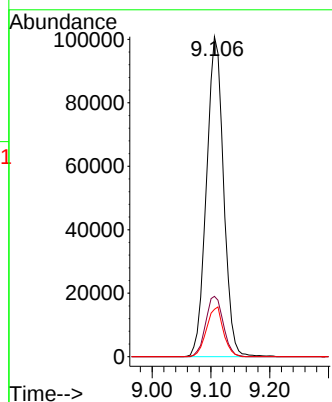
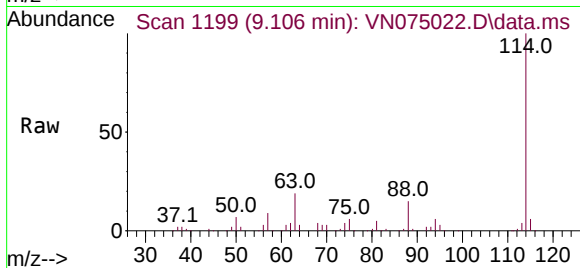
Tgt Ion:114 Resp: 203316

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.789 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075022.D

Acq: 26 Oct 2022 13:25

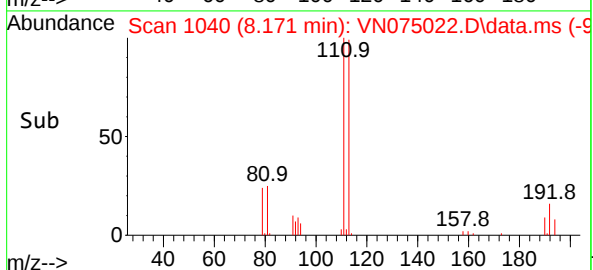
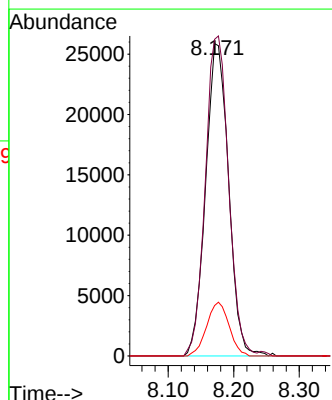
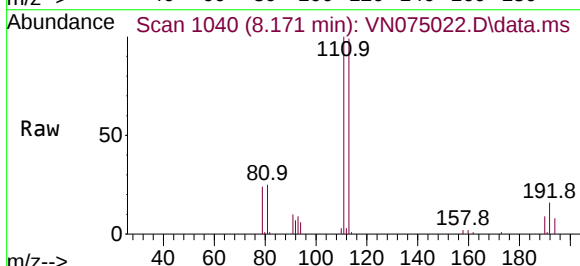
Tgt Ion:113 Resp: 63007

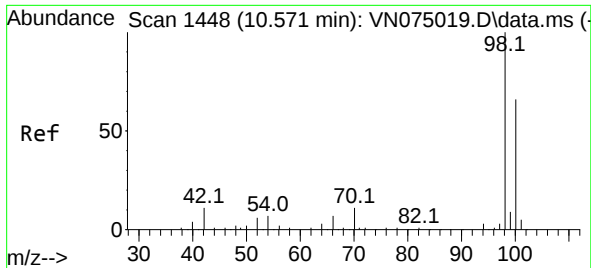
Ion Ratio Lower Upper

113 100

111 103.5 80.5 120.7

192 16.8 13.2 19.8

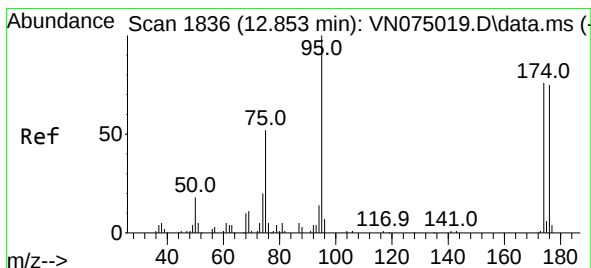
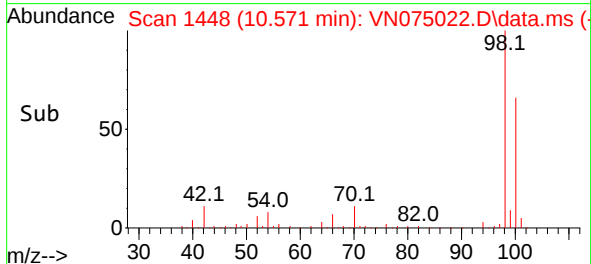
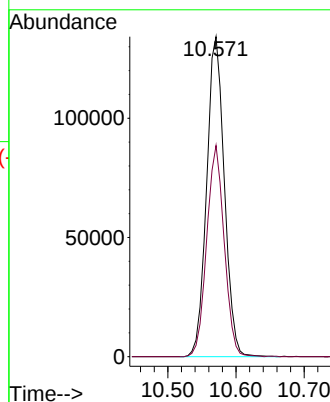
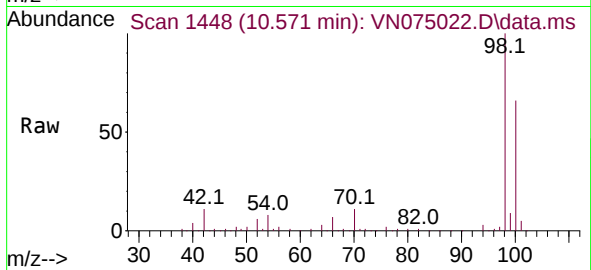




#50
Toluene-d8
Concen: 52.413 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

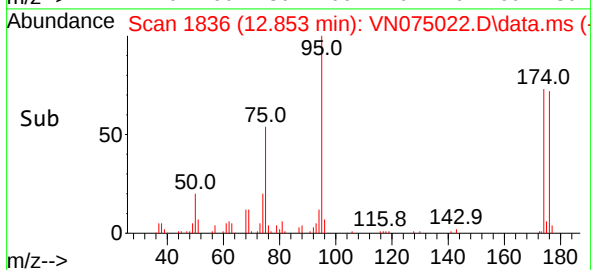
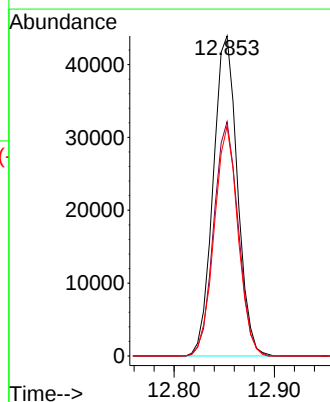
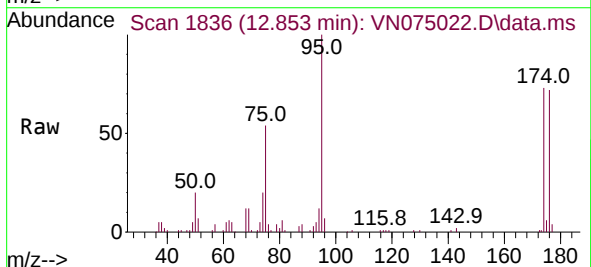
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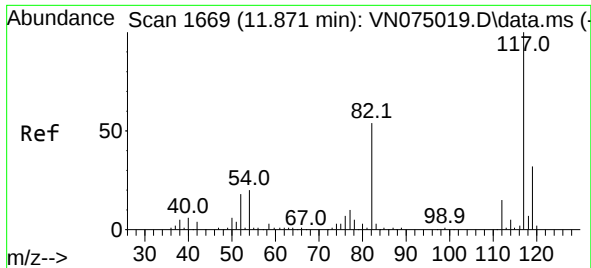
Tgt Ion: 98 Resp: 242712
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.260 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 95 Resp: 73624
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 70.6 0.0 142.2

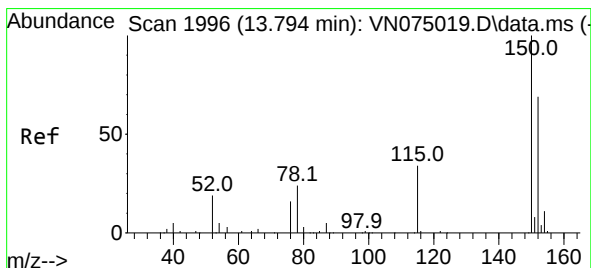
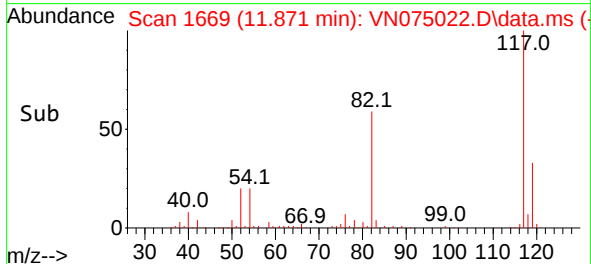
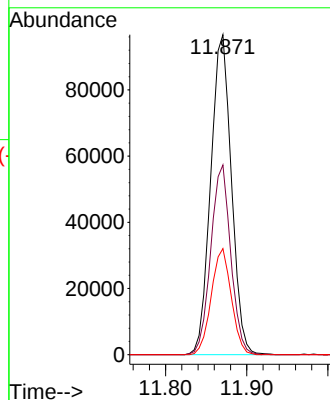
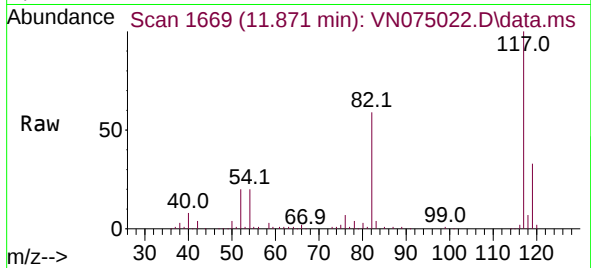




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 171032
Ion Ratio Lower Upper
117 100
82 59.3 43.1 64.7
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:152 Resp: 66223
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 159.5 0.0 348.4

