

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075049.D
 Acq On : 27 Oct 2022 18:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 28 02:15:58 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	8.230	168	101839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	160879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77296	56.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.660%	
35) Dibromofluoromethane	8.171	113	58514	52.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	10.571	98	226903	52.649	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.853	95	71443	47.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.380%	

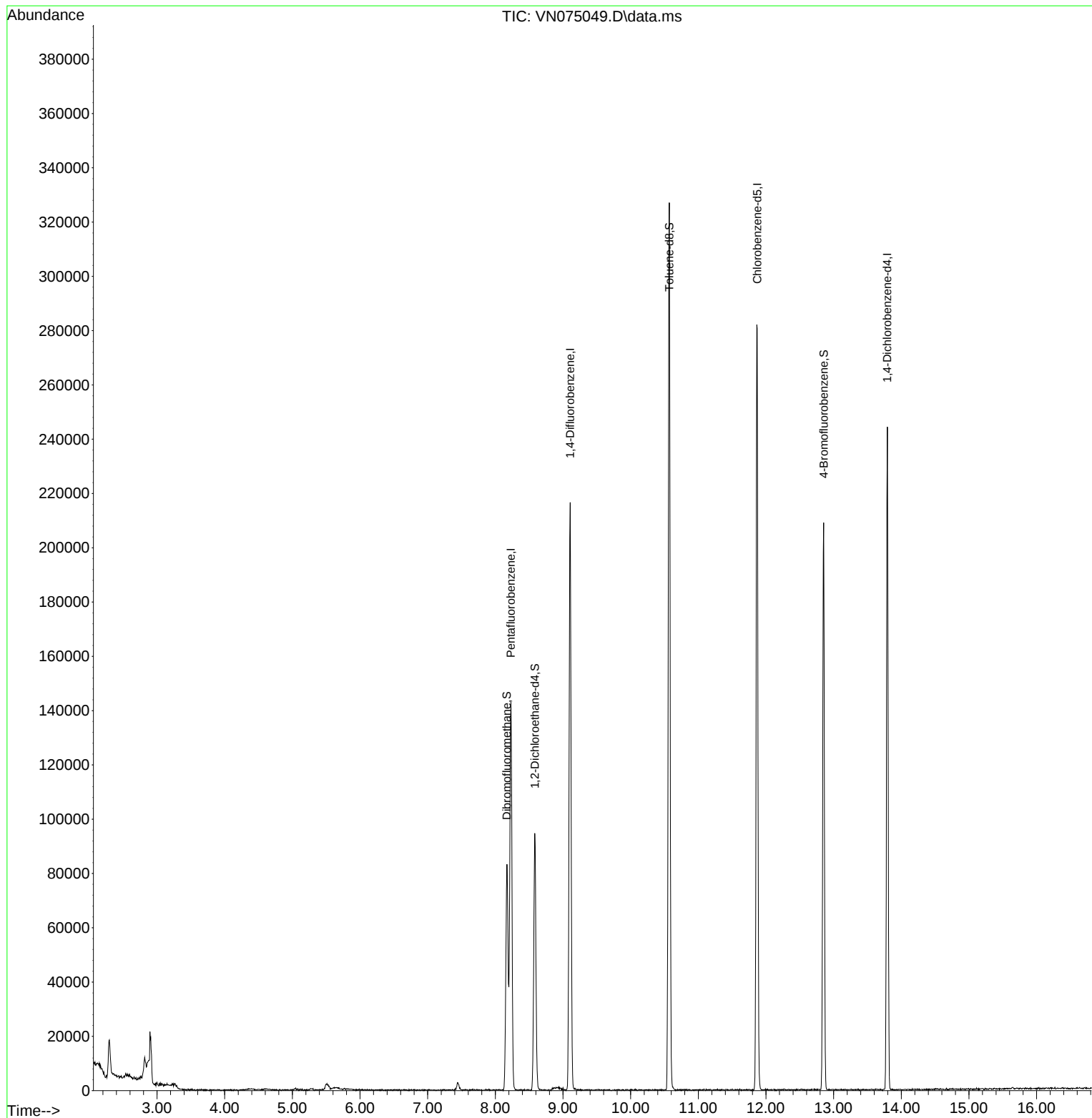
Target Compounds	Qvalue

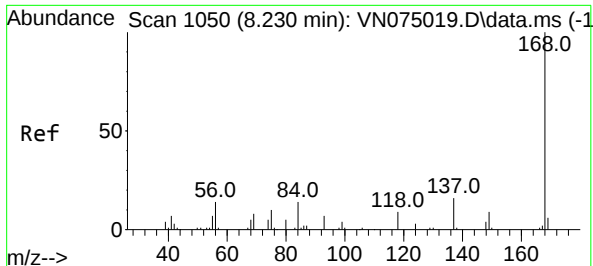
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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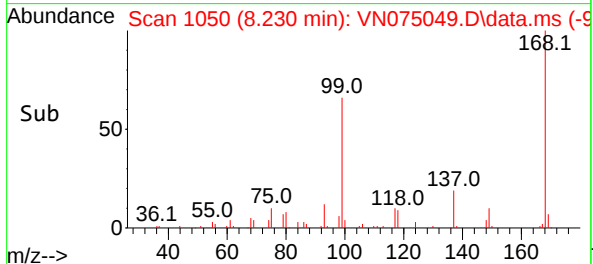
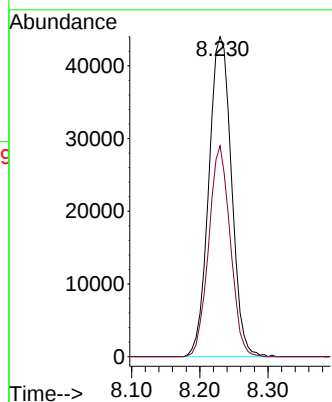
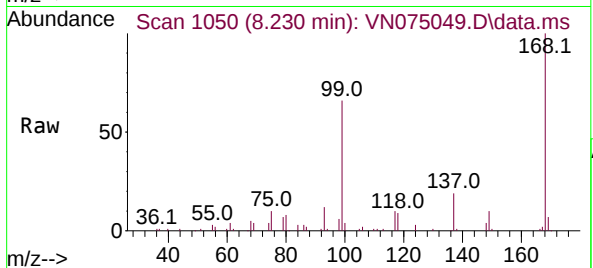




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

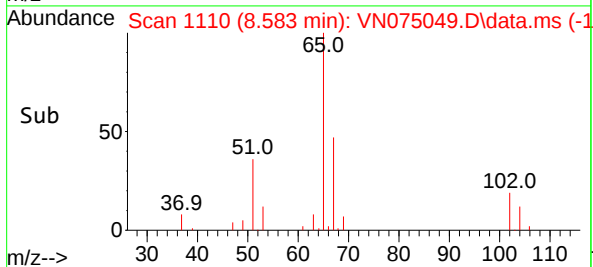
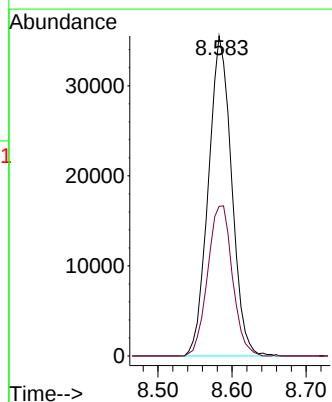
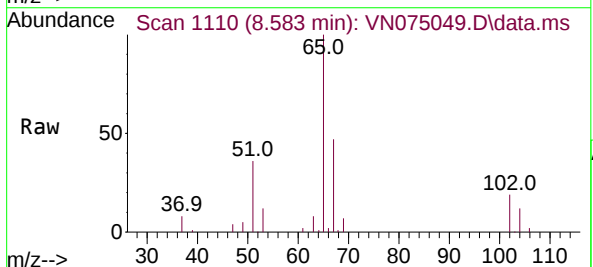
Instrument :
MSVOA_N
ClientSampleId :
IBLK

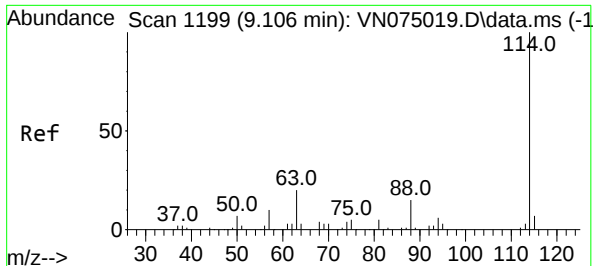
Tgt Ion:168 Resp: 101839
Ion Ratio Lower Upper
168 100
99 65.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 56.332 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 65 Resp: 77296
Ion Ratio Lower Upper
65 100
67 50.0 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: VN075049.D

Acq: 27 Oct 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

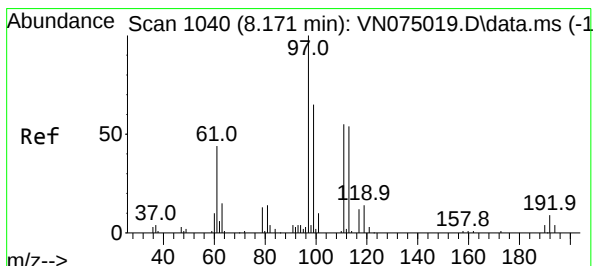
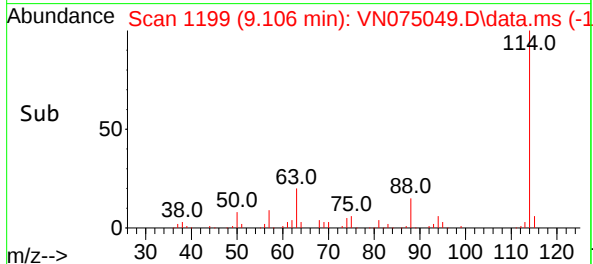
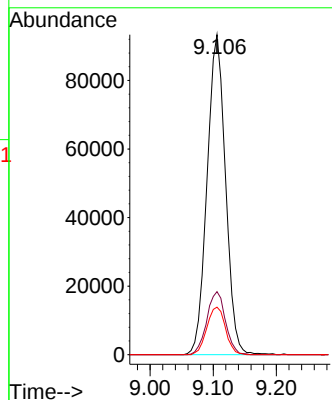
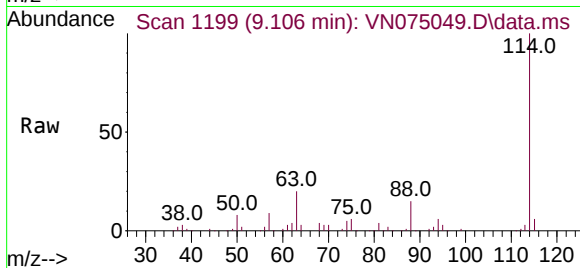
Tgt Ion:114 Resp: 189224

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.675 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075049.D

Acq: 27 Oct 2022 18:31

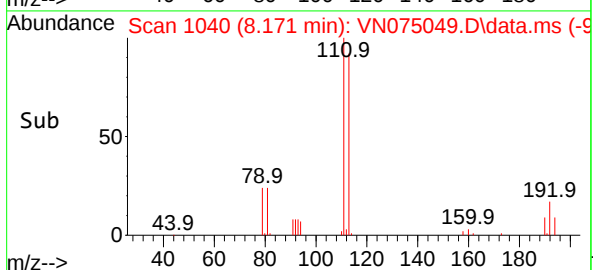
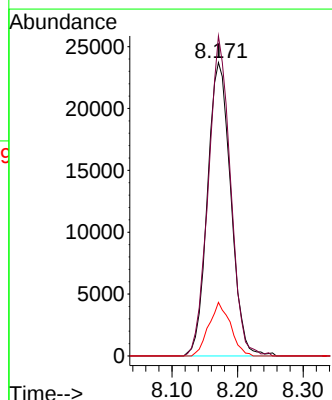
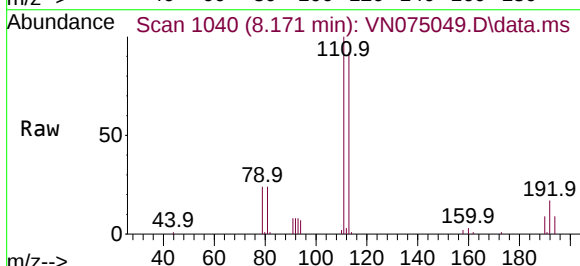
Tgt Ion:113 Resp: 58514

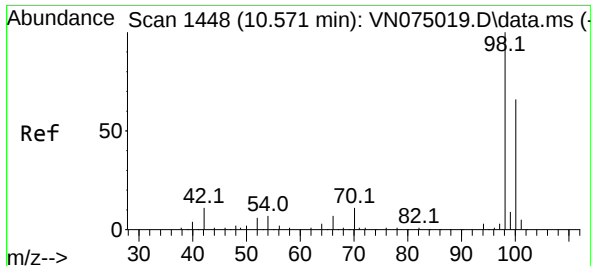
Ion Ratio Lower Upper

113 100

111 103.6 80.5 120.7

192 17.0 13.2 19.8

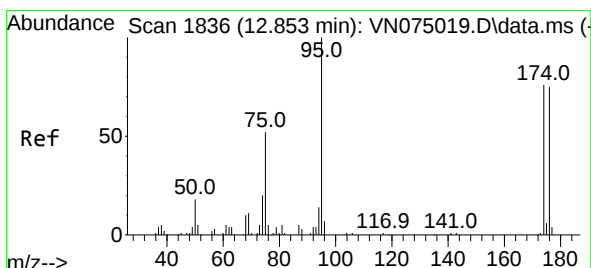
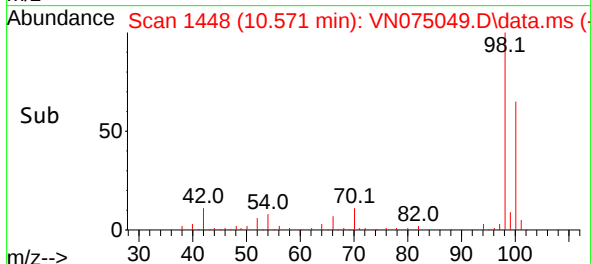
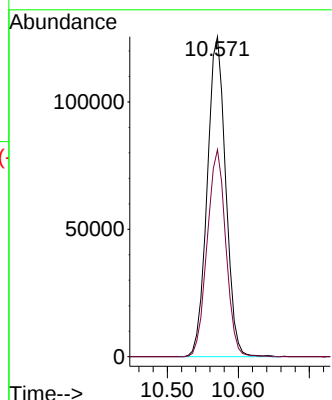
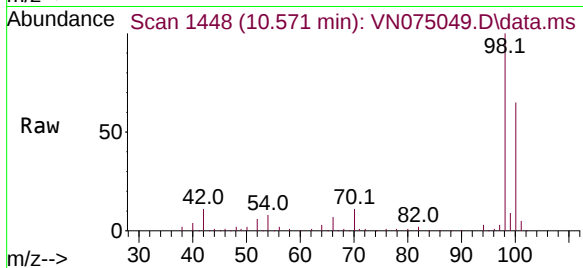




#50
Toluene-d8
Concen: 52.649 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

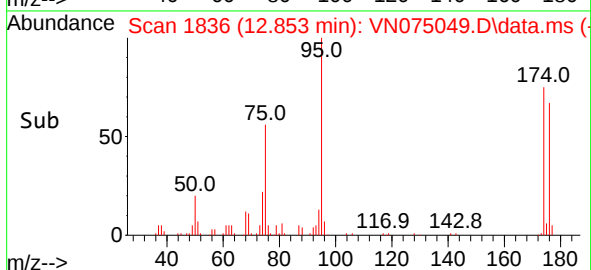
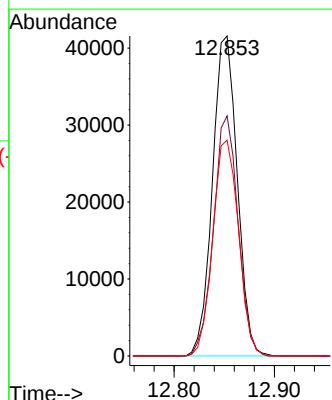
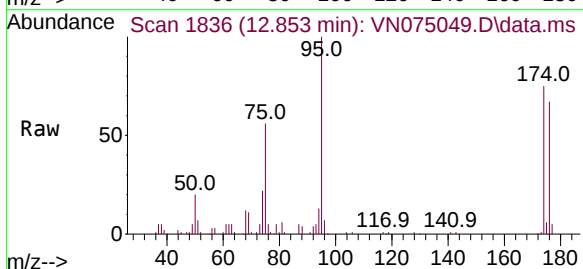
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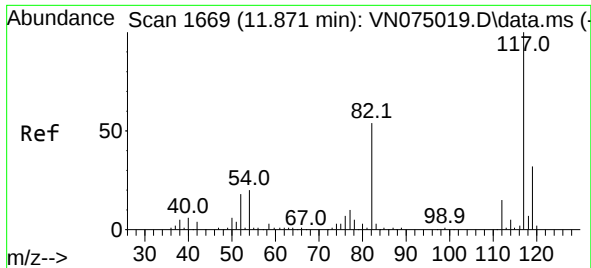
Tgt Ion: 98 Resp: 226903
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.190 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 95 Resp: 71443
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 70.0 0.0 142.2

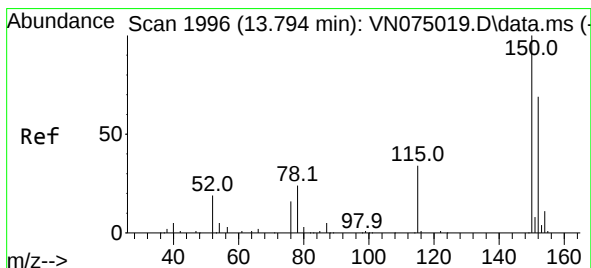
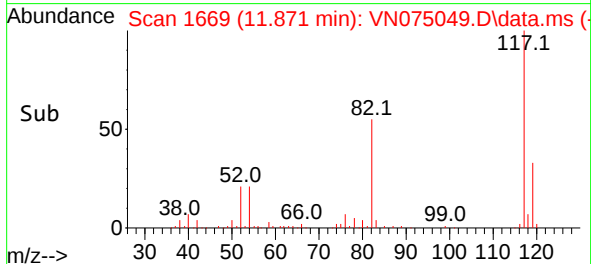
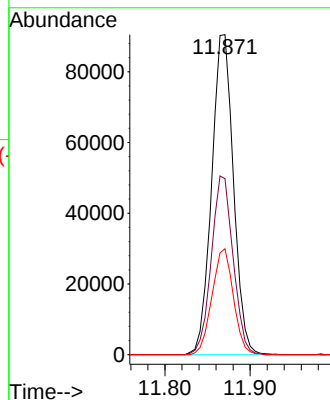
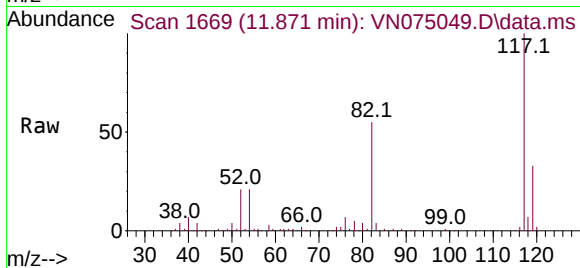




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 160879
Ion Ratio Lower Upper
117 100
82 55.0 43.1 64.7
119 33.1 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: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion:152 Resp: 61615
Ion Ratio Lower Upper
152 100
115 63.3 30.2 90.6
150 161.1 0.0 348.4

