

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075901.D
 Acq On : 20 Dec 2022 16:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 21 01:28:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	400022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	542862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204002	46.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.760%
35) Dibromofluoromethane	8.171	113	183533	47.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	10.571	98	719878	49.322	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.853	95	222826	46.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%

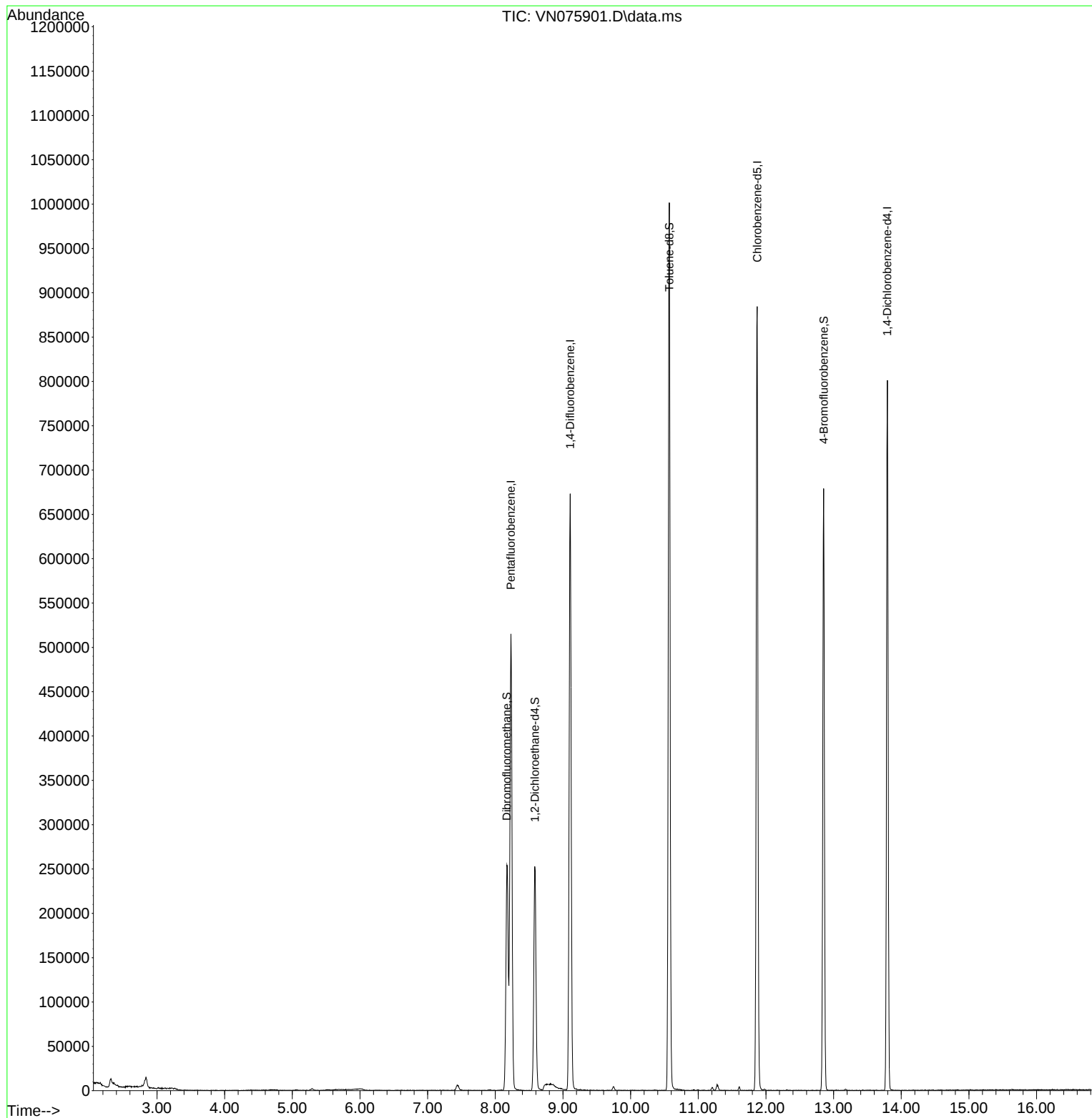
Target Compounds	Qvalue

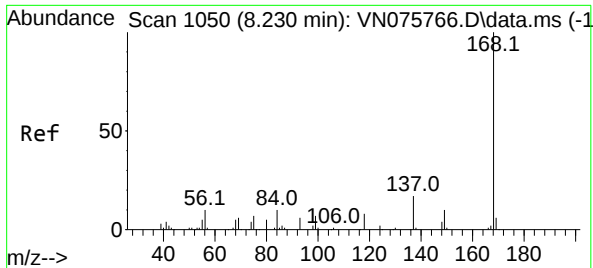
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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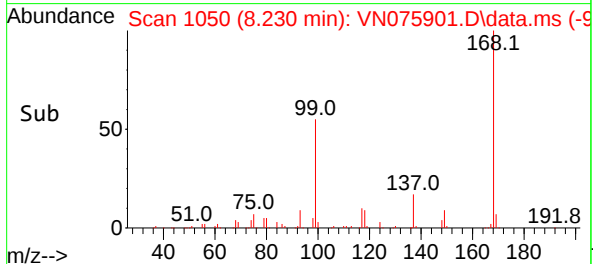
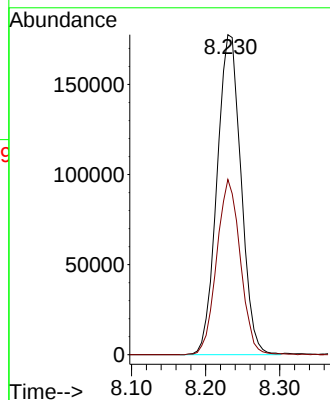
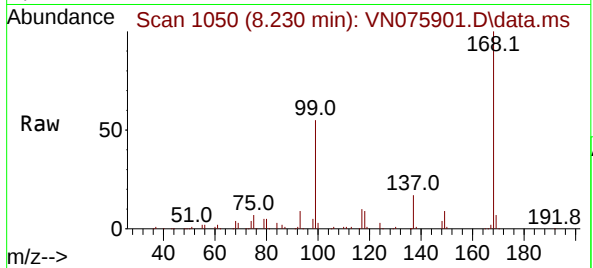




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

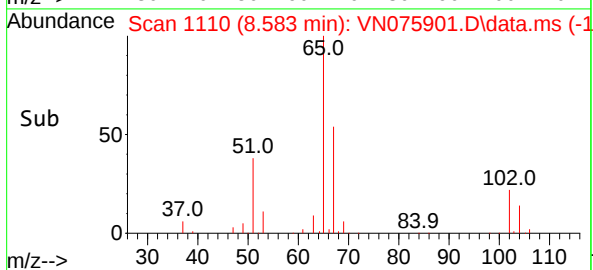
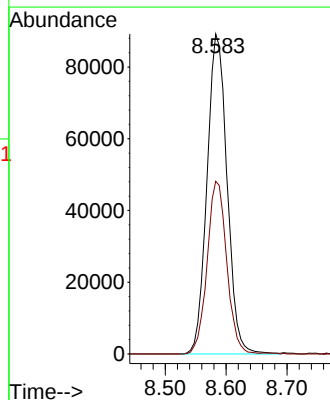
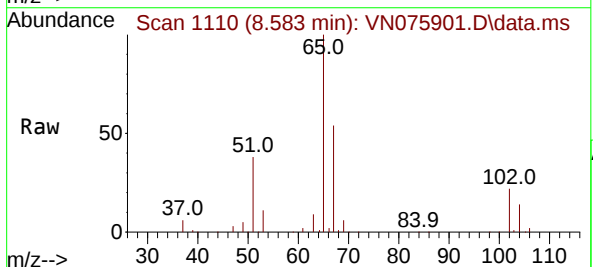
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 400022
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.877 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 65 Resp: 204002
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075901.D

Acq: 20 Dec 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

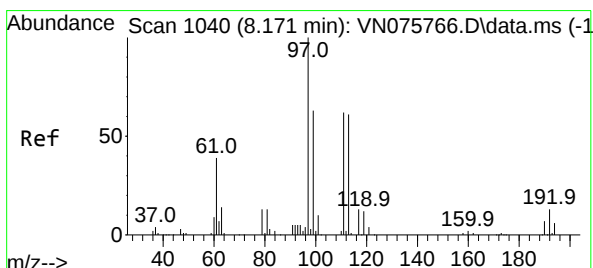
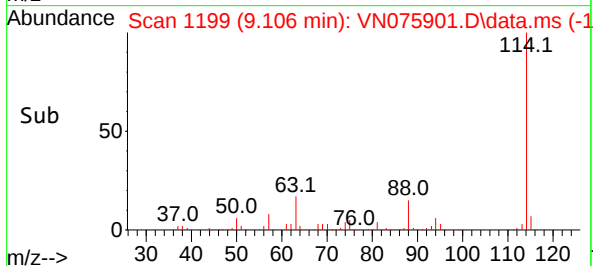
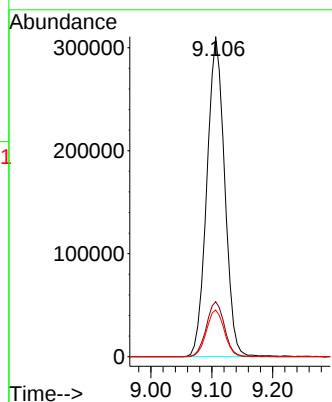
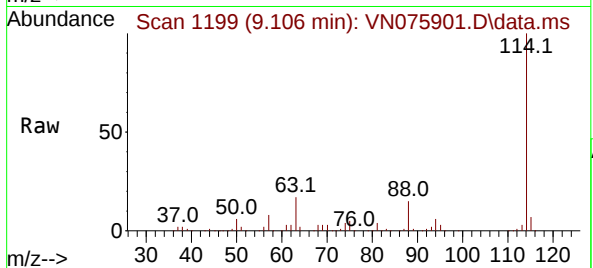
Tgt Ion:114 Resp: 630358

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.015 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075901.D

Acq: 20 Dec 2022 16:11

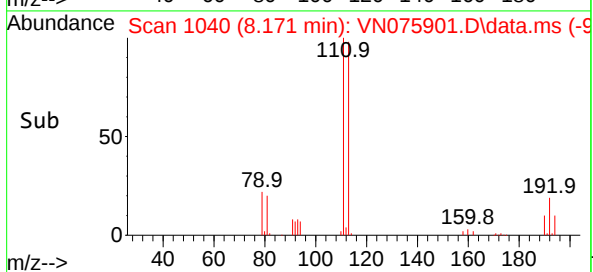
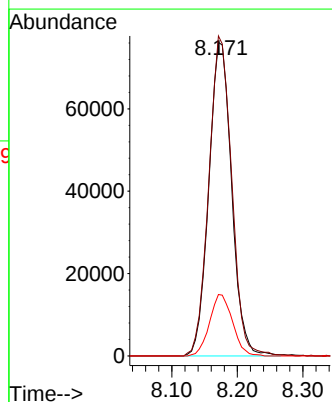
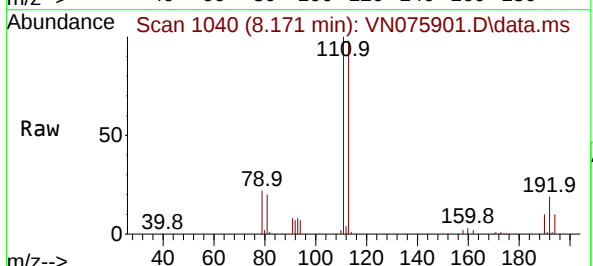
Tgt Ion:113 Resp: 183533

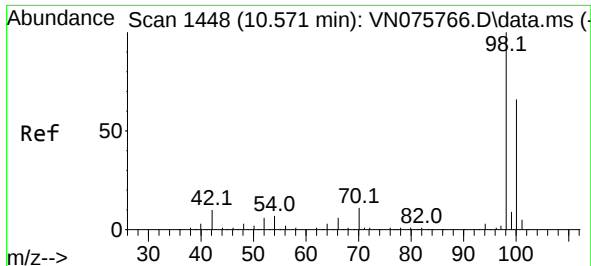
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 19.8 16.1 24.1

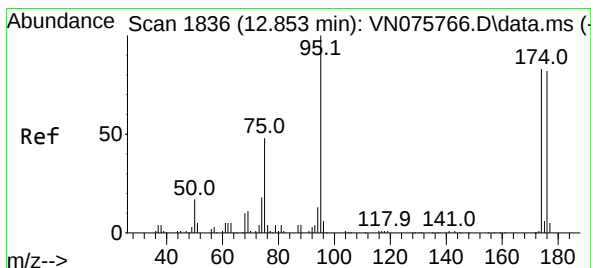
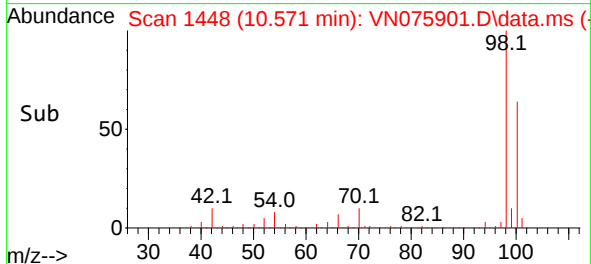
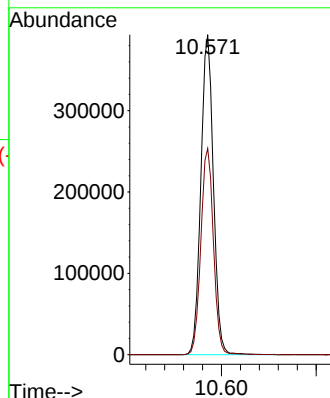
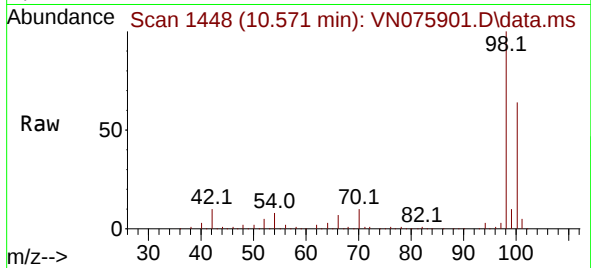




#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

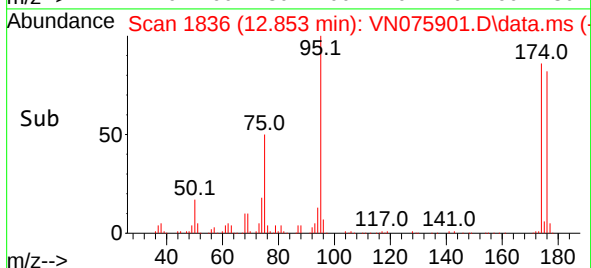
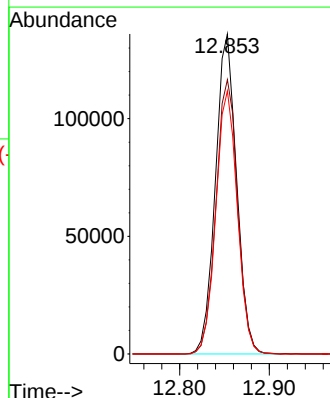
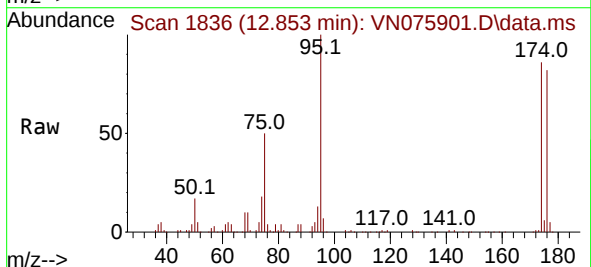
Instrument :
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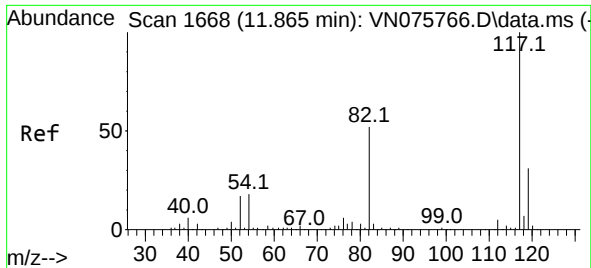
Tgt Ion: 98 Resp: 719878
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 95 Resp: 222826
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 83.3 0.0 169.2

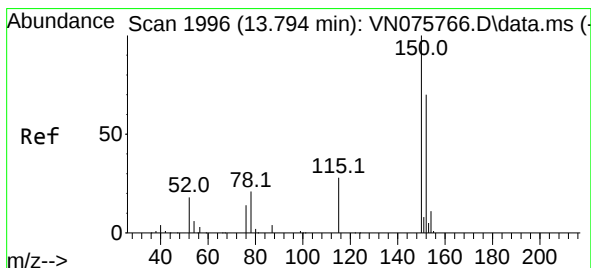
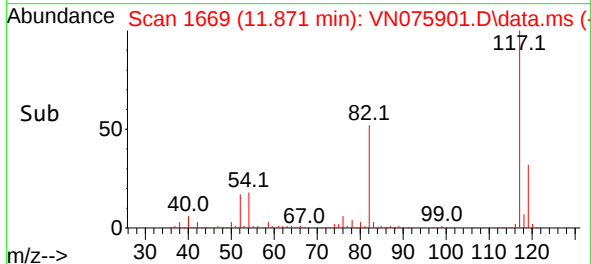
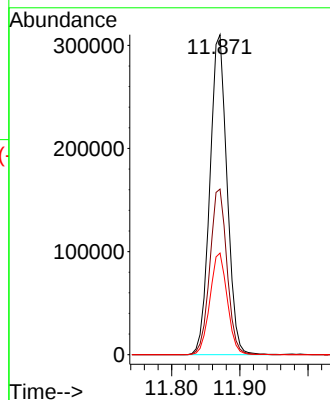
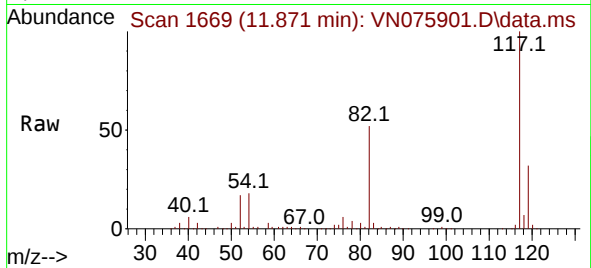




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 542862
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion:152 Resp: 226892
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 157.3 0.0 347.0

