

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076220.D
 Acq On : 12 Jan 2023 10:51
 Operator : JC\MD
 Sample : VN0112WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBL01

Quant Time: Jan 13 01:54:53 2023
 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	391564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	543070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205263	48.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.177	113	184726	48.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	10.571	98	717764	50.312	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.853	95	224518	47.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%

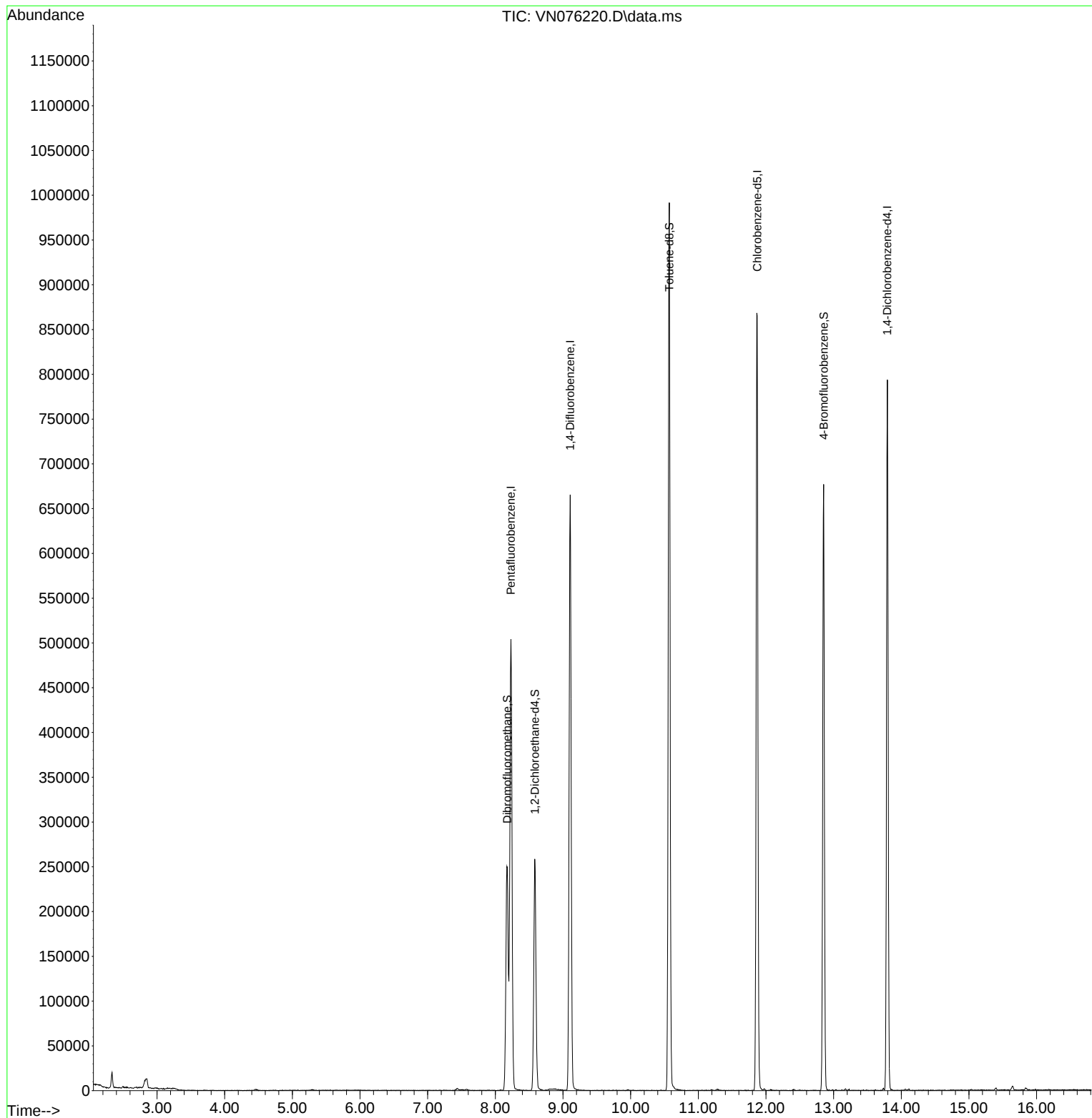
Target Compounds	Qvalue

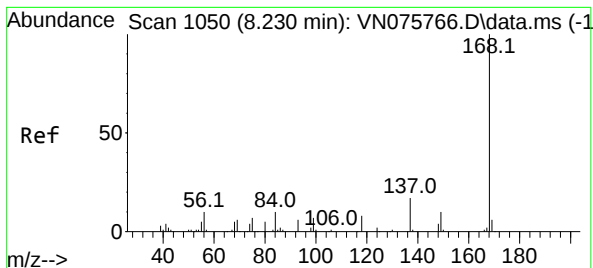
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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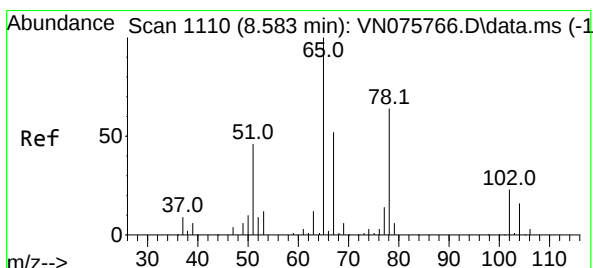
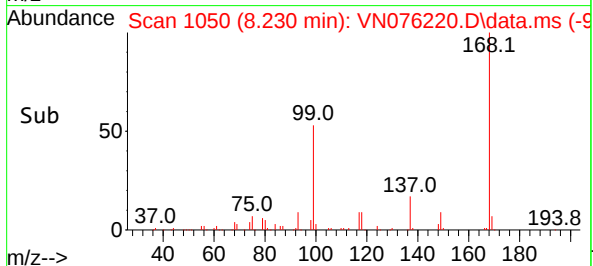
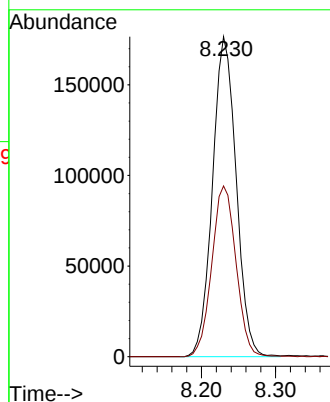
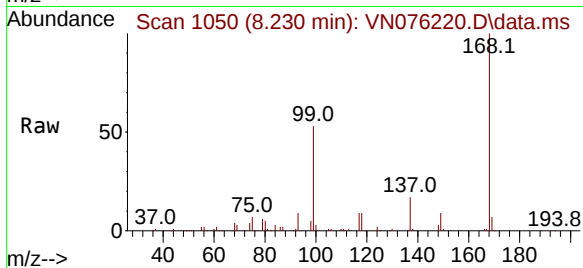




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

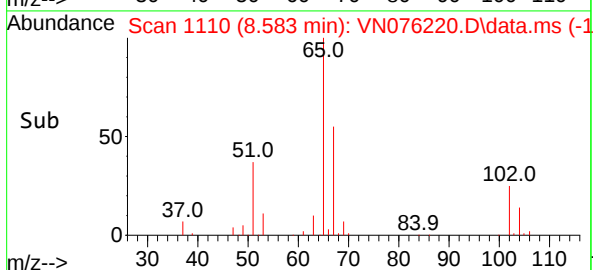
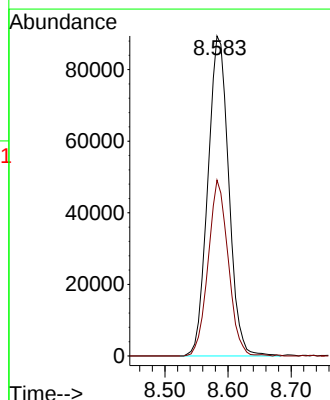
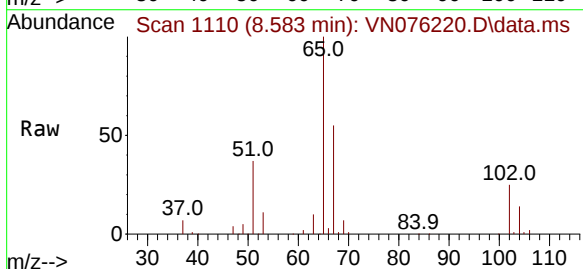
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBL01

Tgt Ion:168 Resp: 391564
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.185 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

Tgt Ion: 65 Resp: 205263
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4

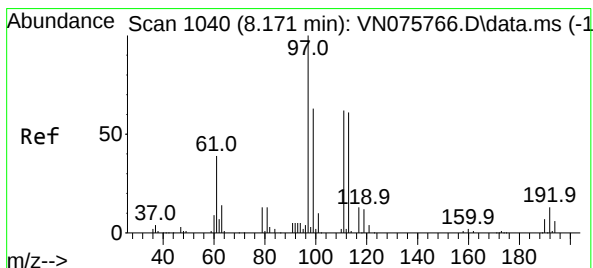
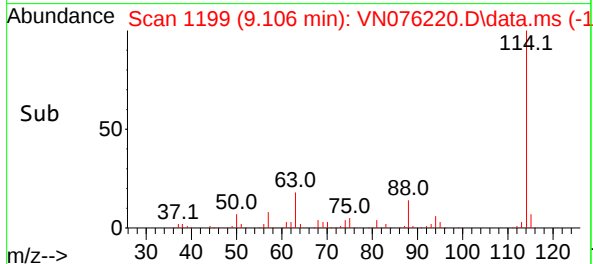
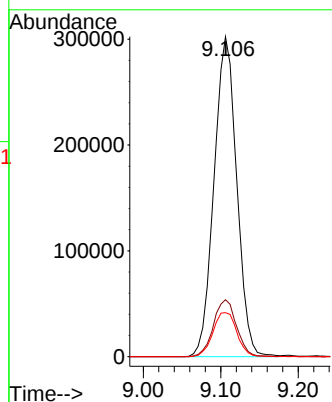
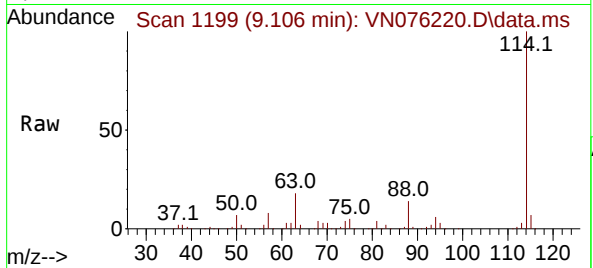




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

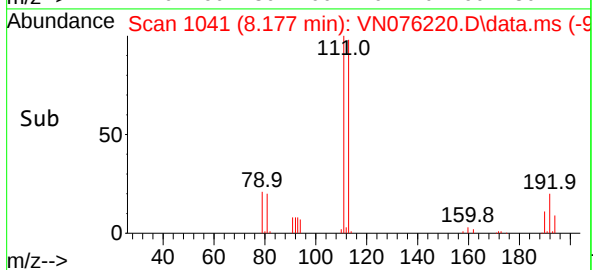
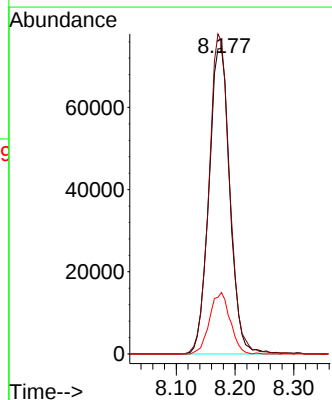
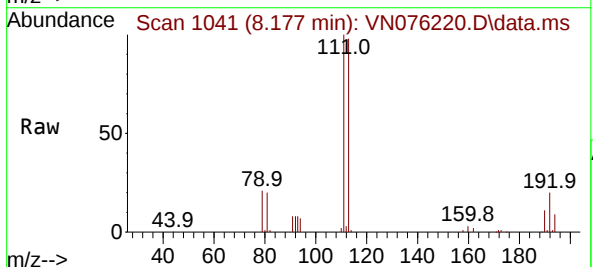
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBL01

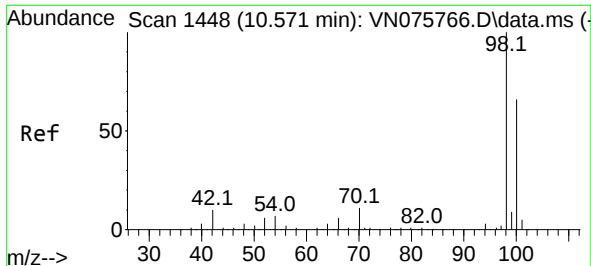
Tgt Ion:114 Resp: 616131
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 13.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.413 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

Tgt Ion:113 Resp: 184726
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 19.7 16.1 24.1

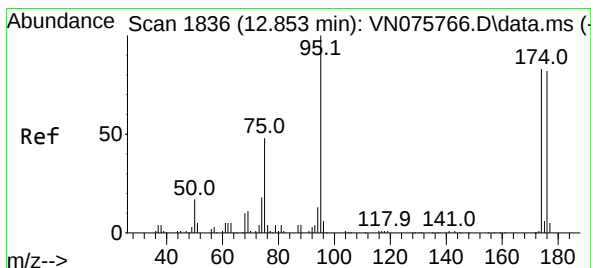
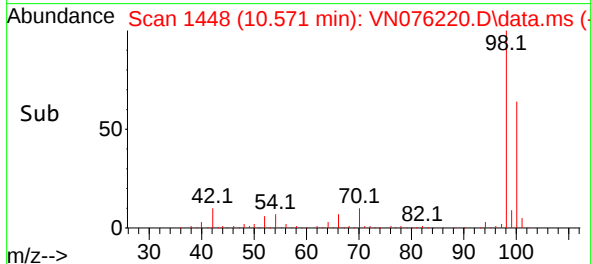
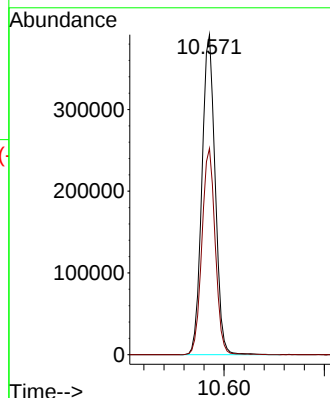
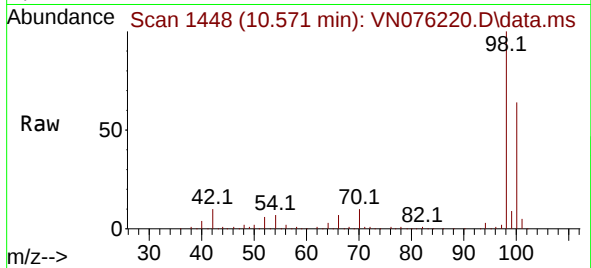




#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

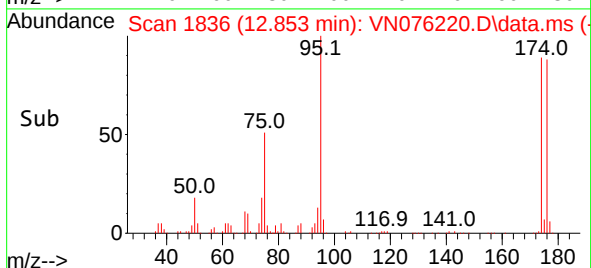
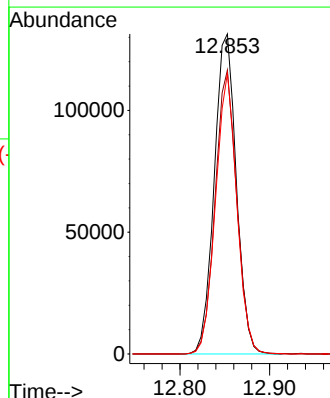
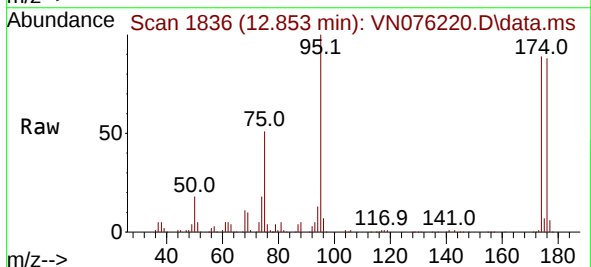
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBL01

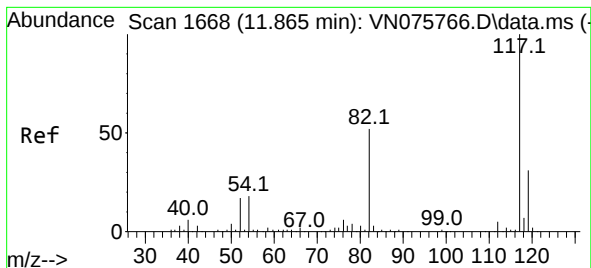
Tgt Ion: 98 Resp: 717764
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.516 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

Tgt Ion: 95 Resp: 224518
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.4 0.0 169.2

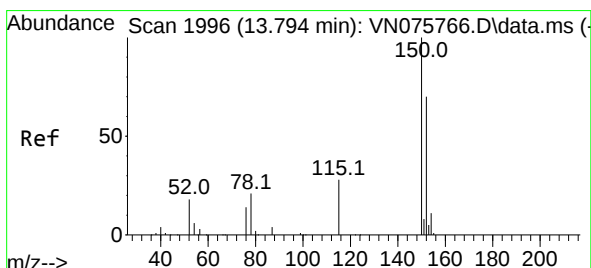
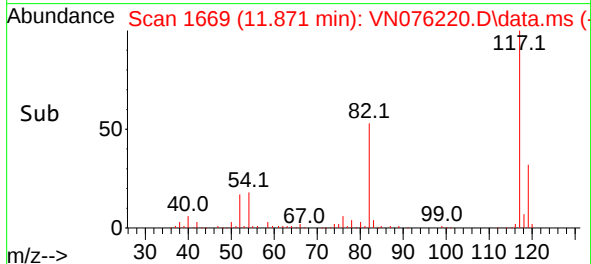
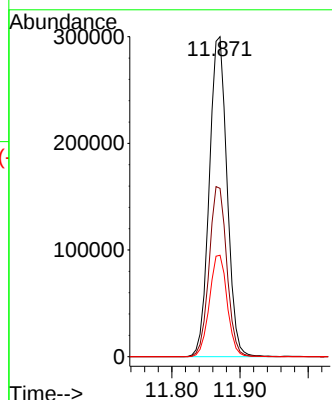
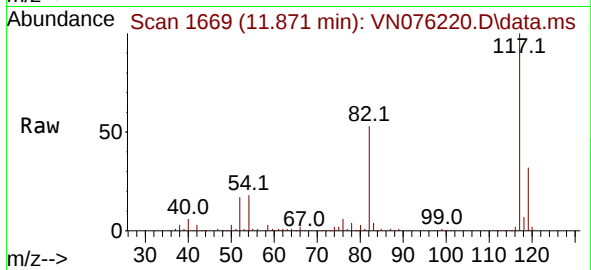




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076220.D
Acq: 12 Jan 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBL01

Tgt Ion:117 Resp: 543070
Ion Ratio Lower Upper
117 100
82 52.6 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: VN076220.D
Acq: 12 Jan 2023 10:51

Tgt Ion:152 Resp: 227749
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.4
150 156.1 0.0 347.0

