

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076075.D
 Acq On : 04 Jan 2023 12:30
 Operator : JC\MD
 Sample : VN0104WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBL01

Quant Time: Jan 05 01:21:27 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	336323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	530914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	455491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178072	48.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.340%
35) Dibromofluoromethane	8.177	113	160776	48.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	10.571	98	605614	49.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.853	95	185478	45.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%

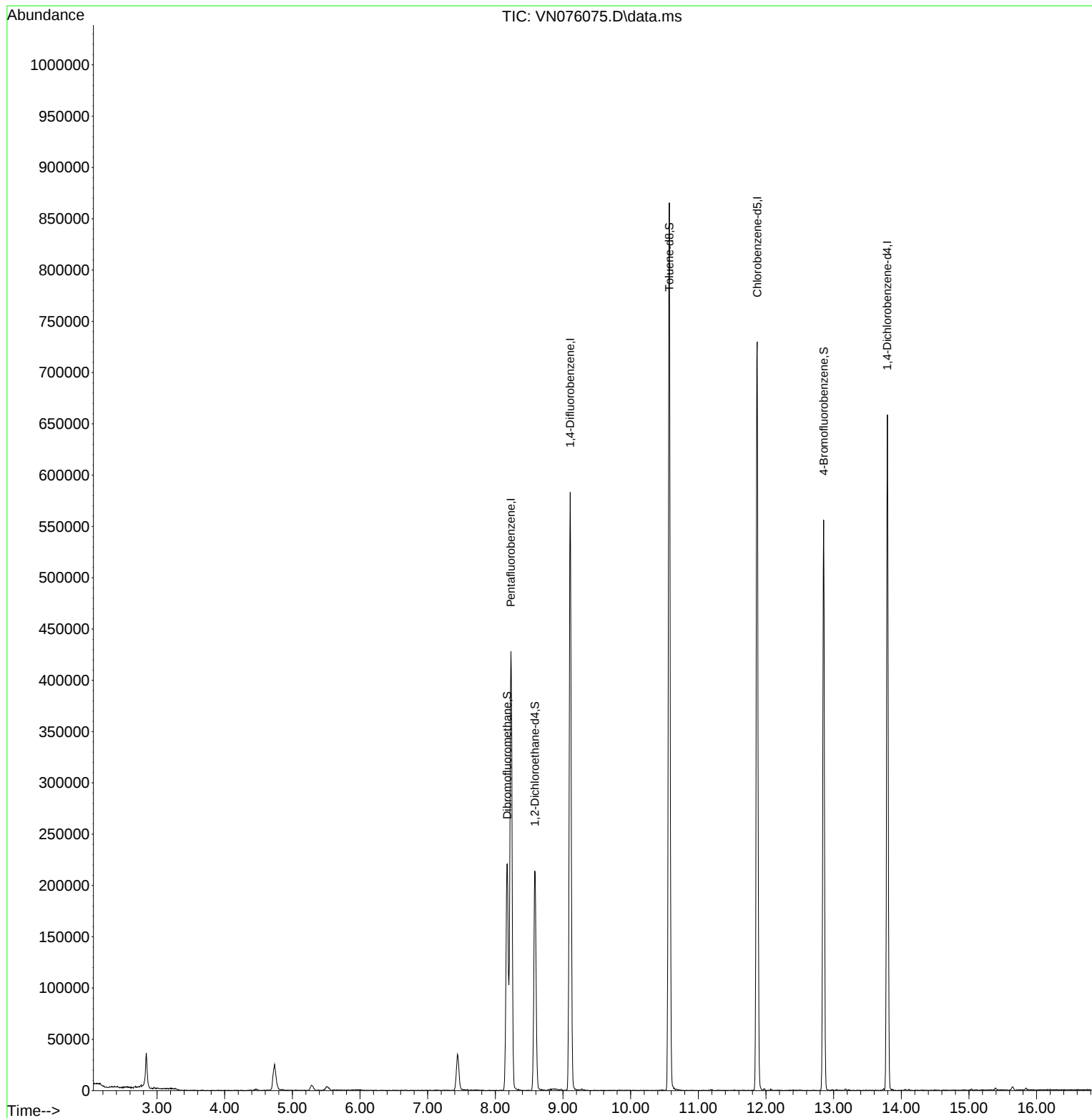
Target Compounds	Qvalue

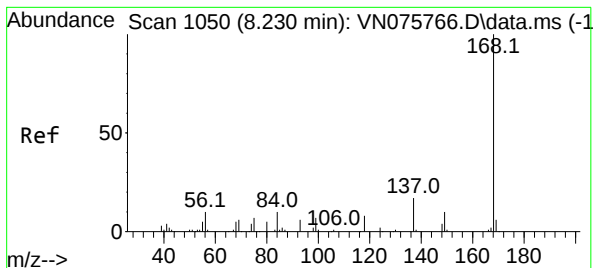
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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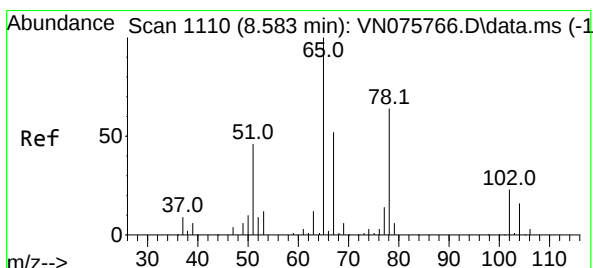
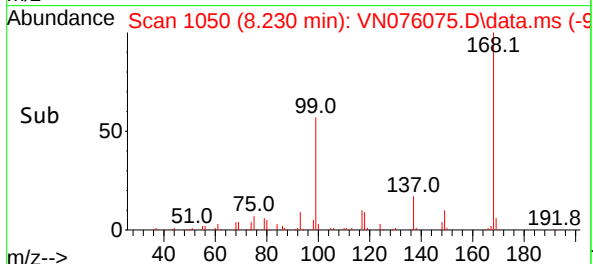
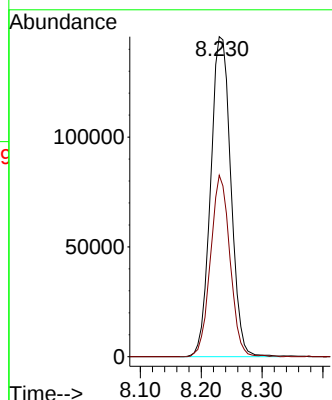
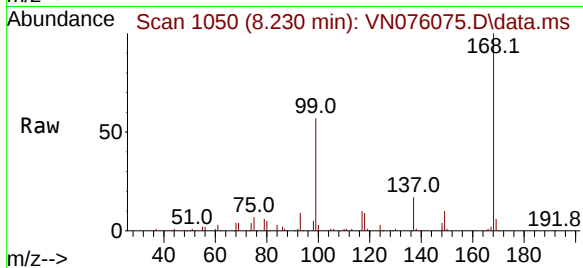




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076075.D
Acq: 04 Jan 2023 12:30

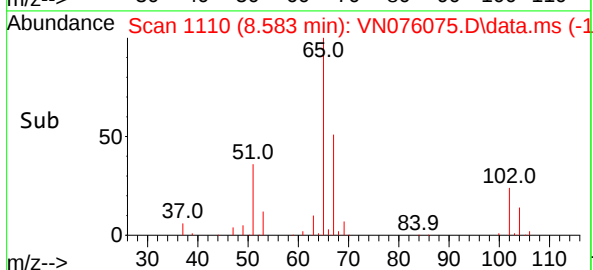
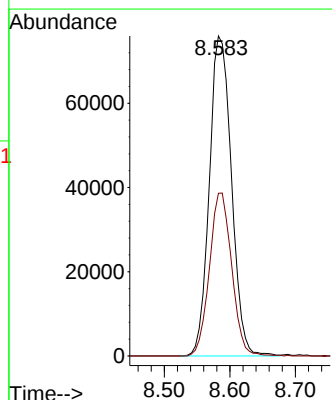
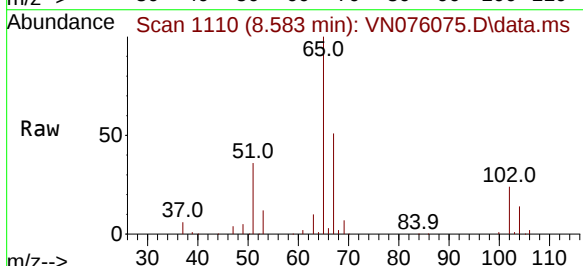
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

Tgt Ion:168 Resp: 336323
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.668 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076075.D
Acq: 04 Jan 2023 12:30

Tgt Ion: 65 Resp: 178072
Ion Ratio Lower Upper
65 100
67 51.2 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: VN076075.D

Acq: 04 Jan 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBL01

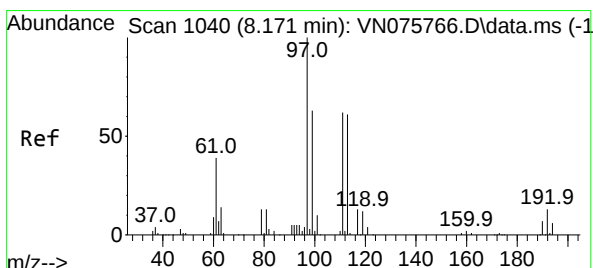
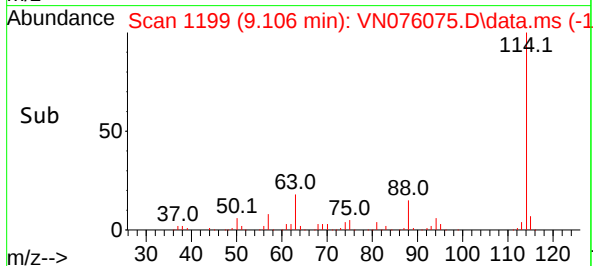
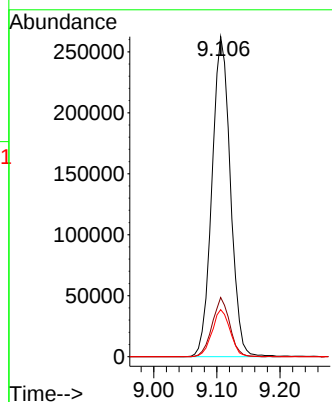
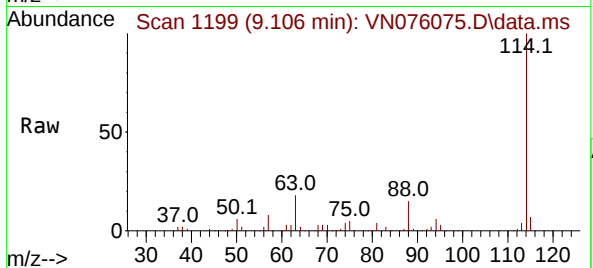
Tgt Ion:114 Resp: 530914

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.900 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076075.D

Acq: 04 Jan 2023 12:30

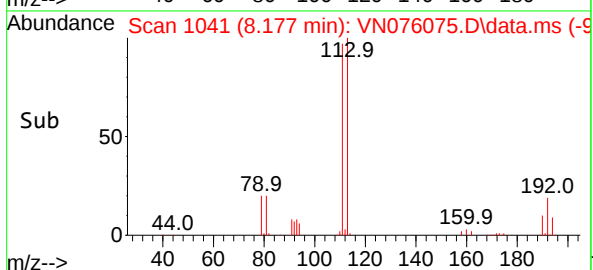
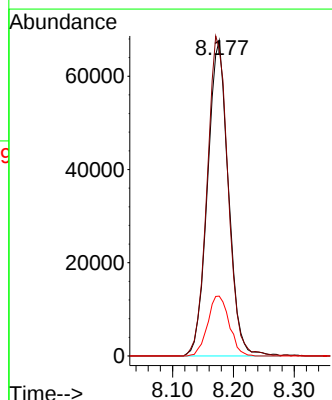
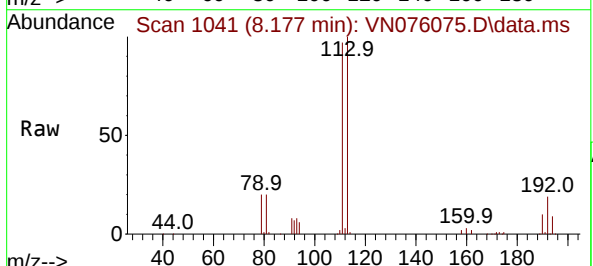
Tgt Ion:113 Resp: 160776

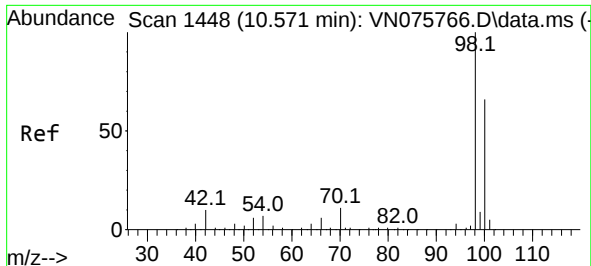
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.6 16.1 24.1

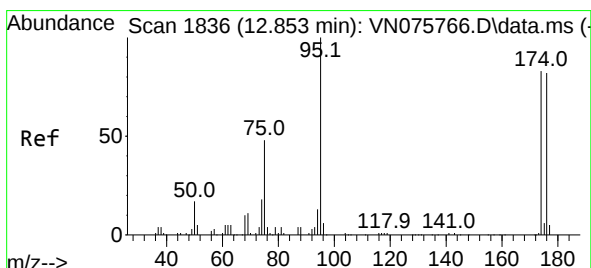
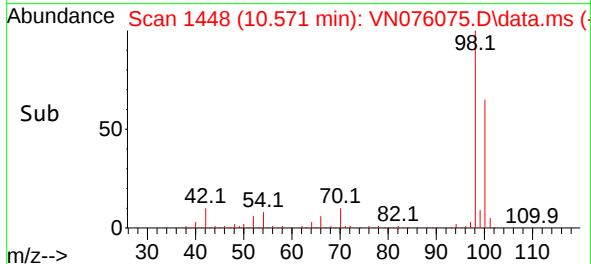
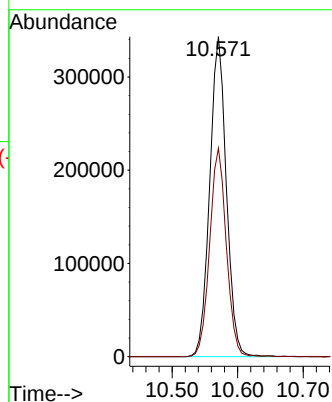
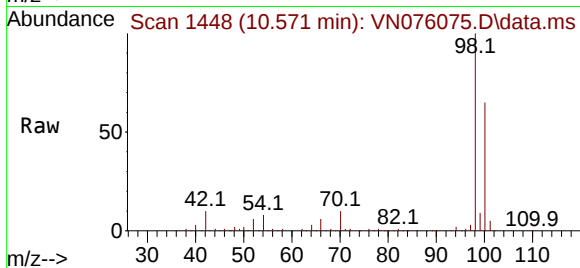




#50
Toluene-d8
Concen: 49.265 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076075.D
Acq: 04 Jan 2023 12:30

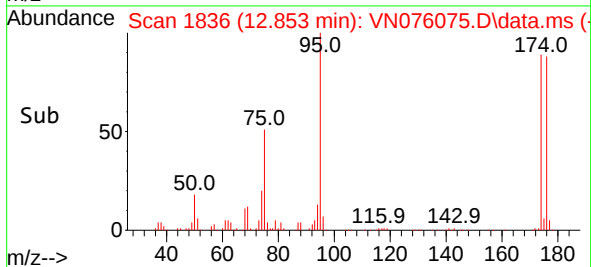
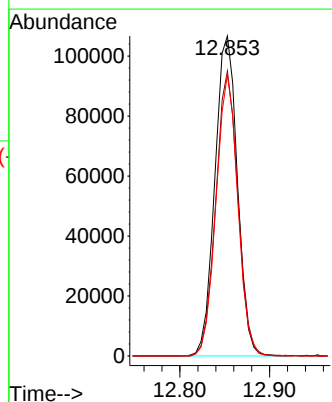
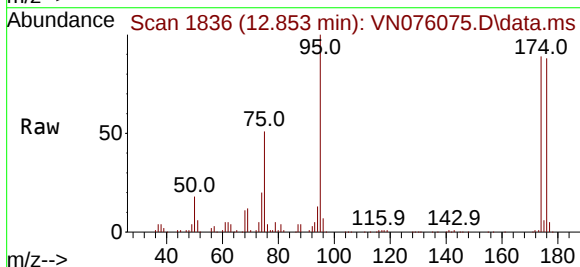
Instrument :
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VN0104WBL01

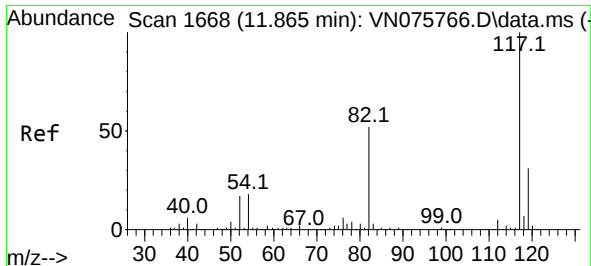
Tgt Ion: 98 Resp: 605614
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.554 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076075.D
Acq: 04 Jan 2023 12:30

Tgt Ion: 95 Resp: 185478
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.6 0.0 169.2

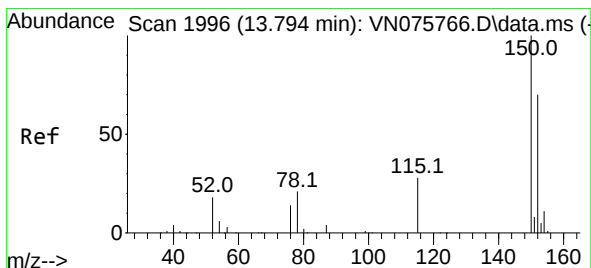
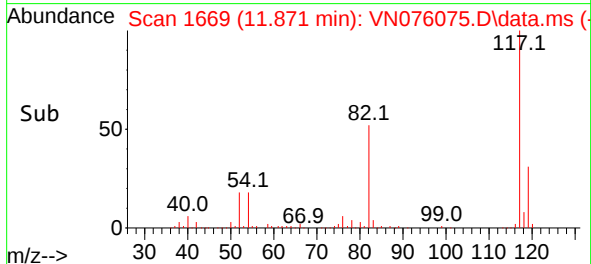
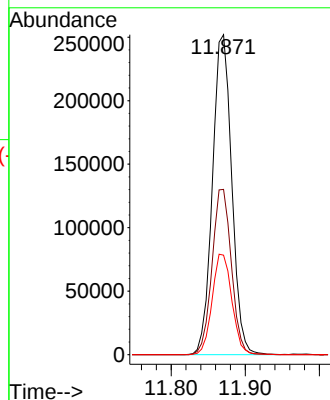
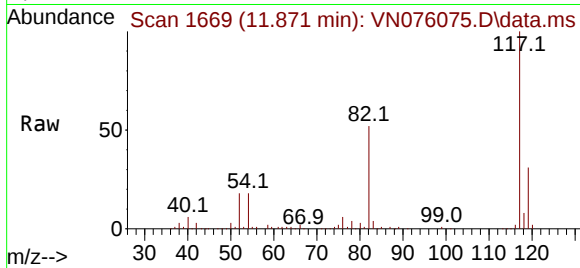




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076075.D
Acq: 04 Jan 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

Tgt Ion:117 Resp: 455491
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.1 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: VN076075.D
Acq: 04 Jan 2023 12:30

Tgt Ion:152 Resp: 184469
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 158.0 0.0 347.0

