

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076490.D
 Acq On : 01 Feb 2023 11:17
 Operator : JC\MD
 Sample : VN0201WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBL01

Quant Time: Feb 01 23:47:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	493052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	792349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	706960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	283300	51.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.640%
35) Dibromofluoromethane	8.171	113	242647	48.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.571	98	916216	50.053	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.853	95	301879	50.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%

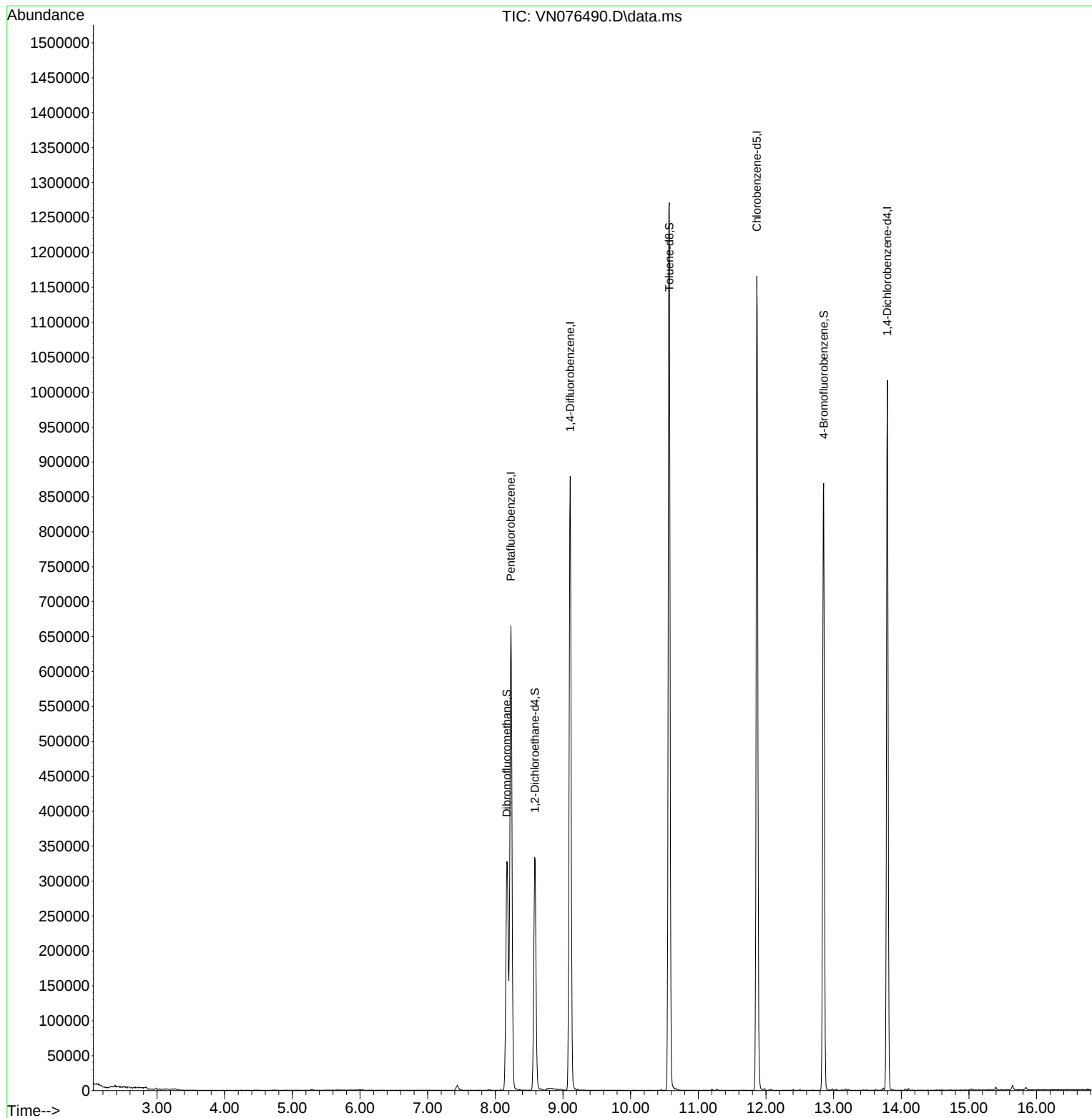
Target Compounds	Qvalue

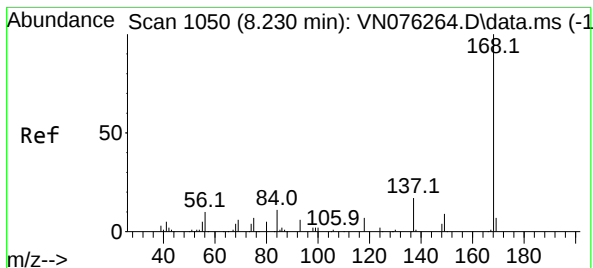
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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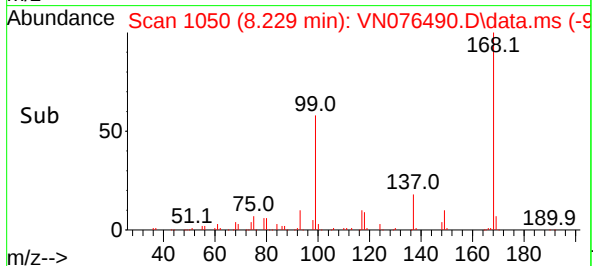
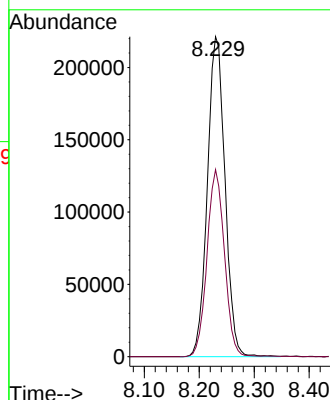
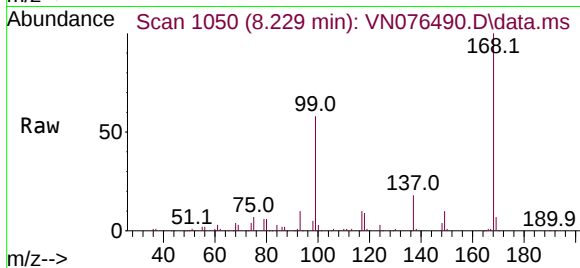




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076490.D
Acq: 01 Feb 2023 11:17

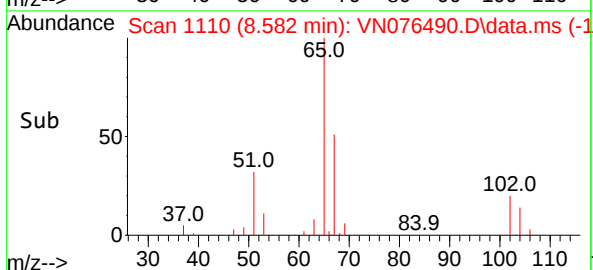
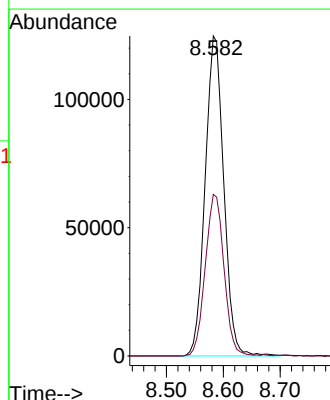
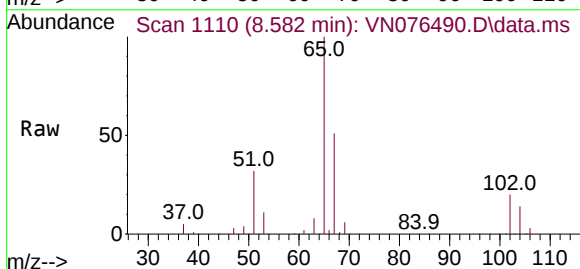
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBL01

Tgt Ion:168 Resp: 493052
Ion Ratio Lower Upper
168 100
99 58.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.317 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076490.D
Acq: 01 Feb 2023 11:17

Tgt Ion: 65 Resp: 283300
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076490.D

Acq: 01 Feb 2023 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBL01

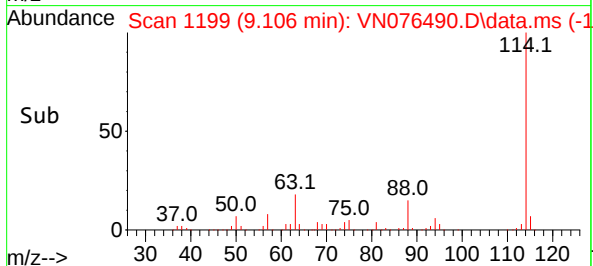
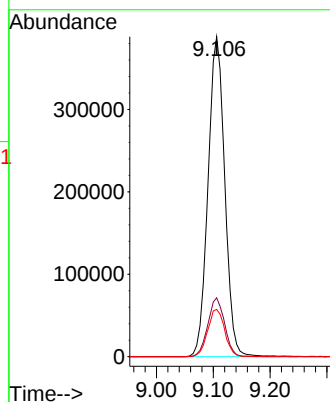
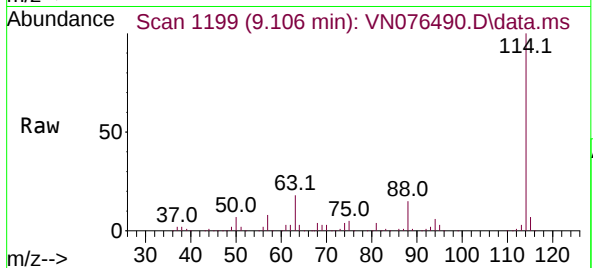
Tgt Ion:114 Resp: 792349

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.956 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076490.D

Acq: 01 Feb 2023 11:17

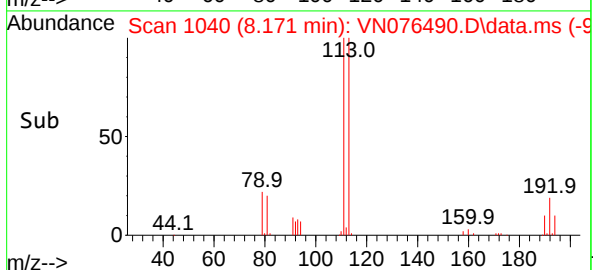
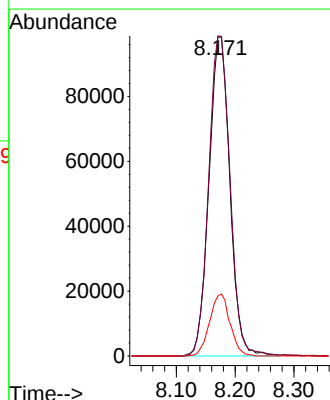
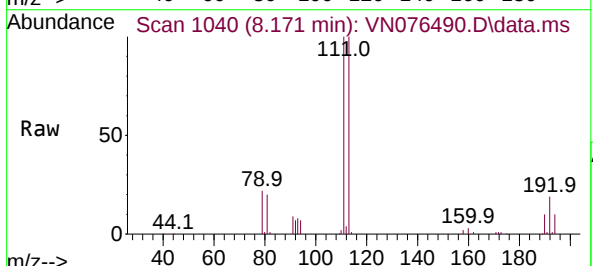
Tgt Ion:113 Resp: 242647

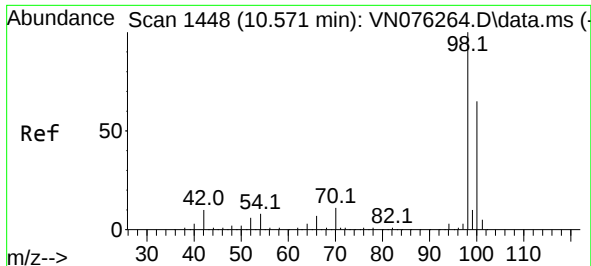
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 18.9 15.6 23.4

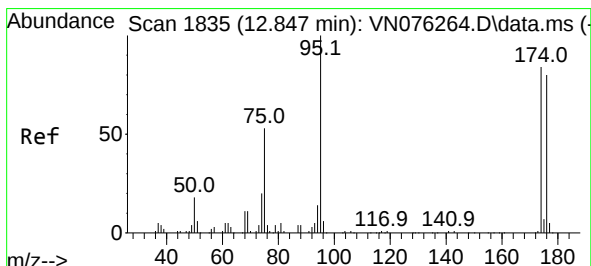
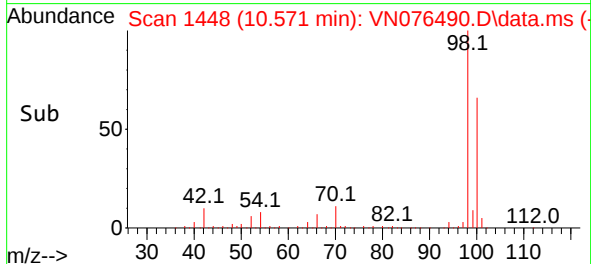
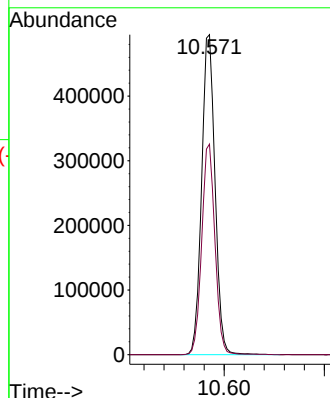
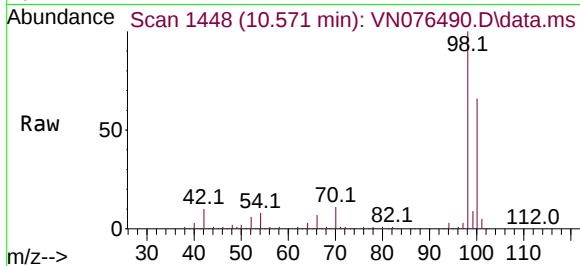




#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076490.D
Acq: 01 Feb 2023 11:17

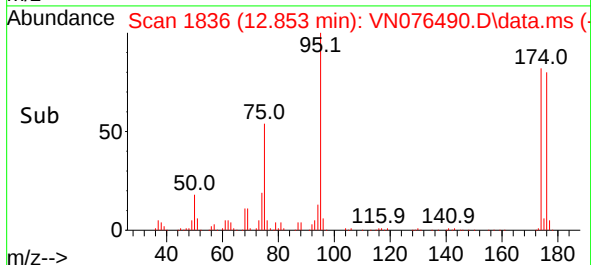
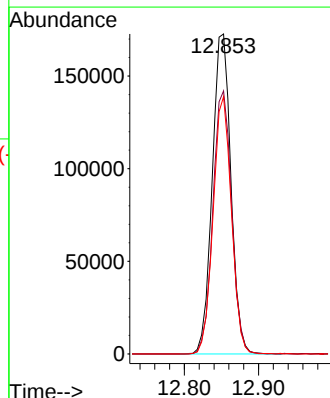
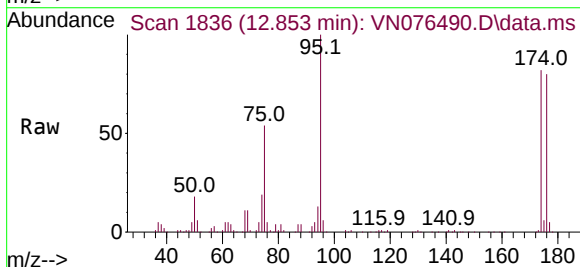
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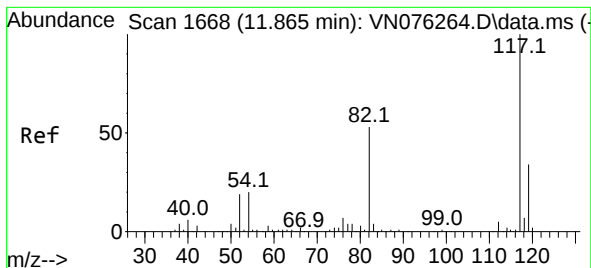
Tgt Ion: 98 Resp: 916216
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.518 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076490.D
Acq: 01 Feb 2023 11:17

Tgt Ion: 95 Resp: 301879
Ion Ratio Lower Upper
95 100
174 82.3 0.0 174.6
176 78.7 0.0 167.8

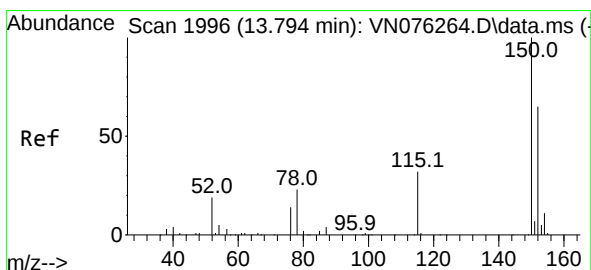
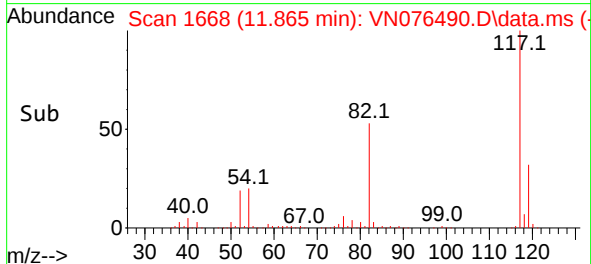
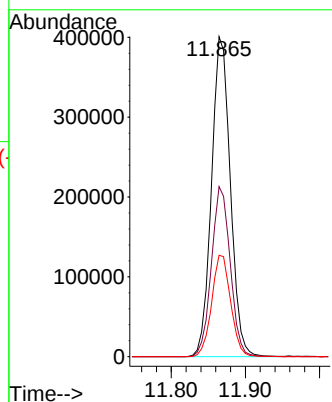
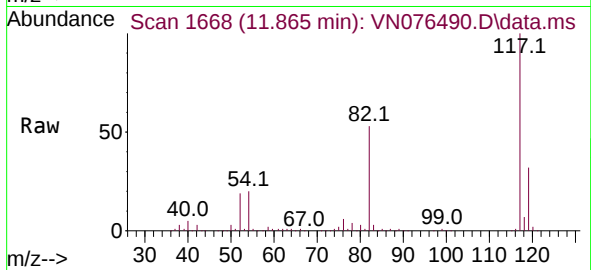




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076490.D
Acq: 01 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBL01

Tgt Ion:117 Resp: 706960
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 31.7 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076490.D
Acq: 01 Feb 2023 11:17

Tgt Ion:152 Resp: 279367
Ion Ratio Lower Upper
152 100
115 60.2 29.6 88.9
150 159.7 0.0 351.4

