

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076299.D
 Acq On : 18 Jan 2023 17:06
 Operator : JC\MD
 Sample : 01190-04
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-3

Quant Time: Jan 19 00:52:12 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	8.224	168	455502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	710846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	586981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	234762	46.030	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.060%
35) Dibromofluoromethane	8.171	113	204748	46.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	10.571	98	800537	48.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.853	95	242127	45.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.320%

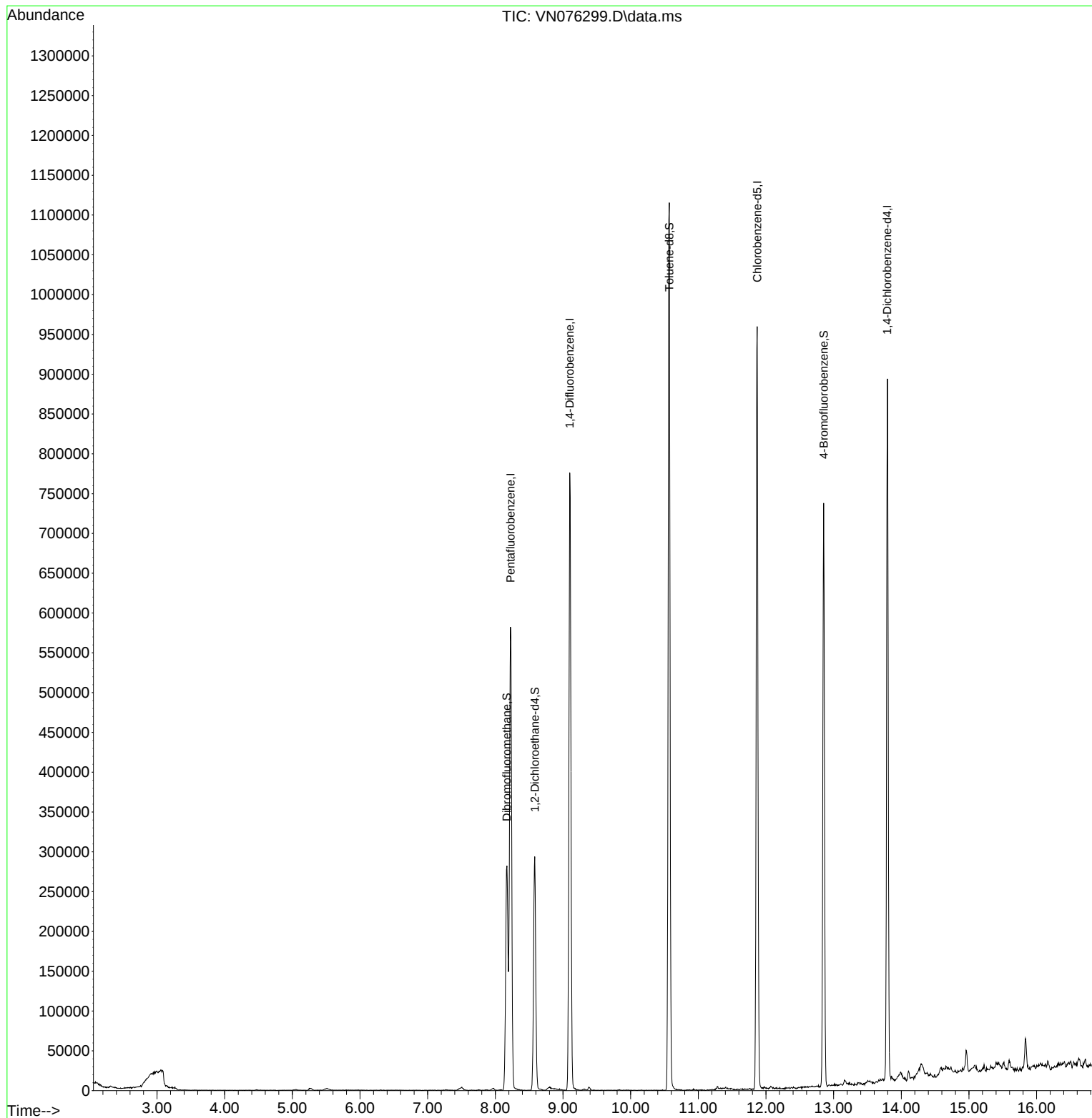
Target Compounds	Qvalue

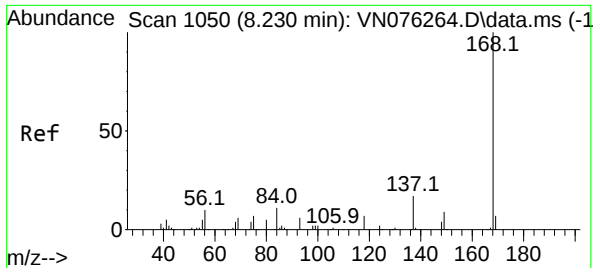
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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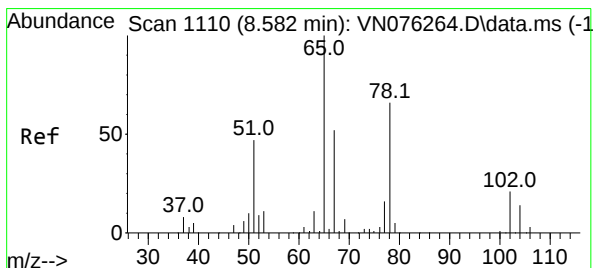
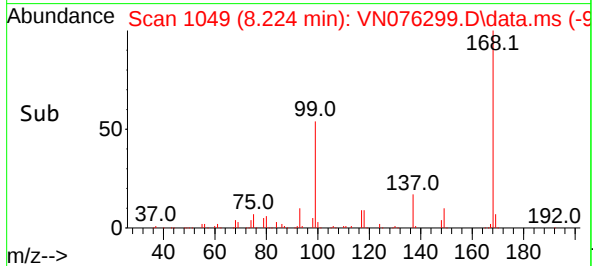
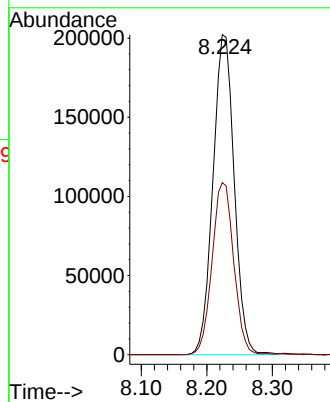
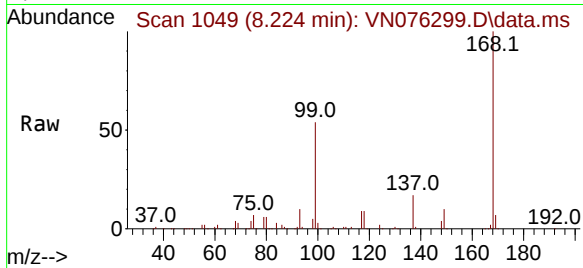




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076299.D
Acq: 18 Jan 2023 17:06

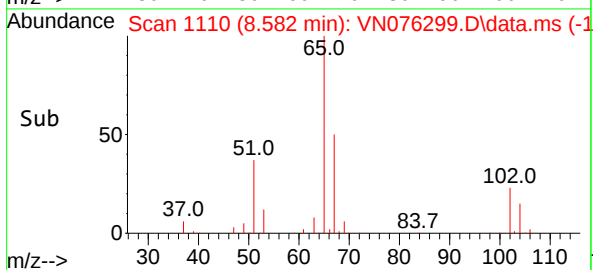
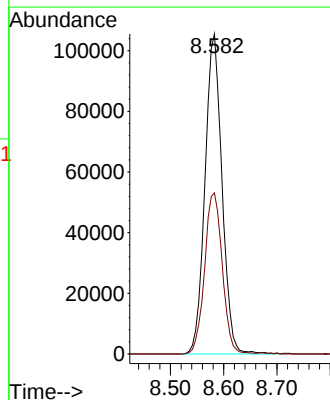
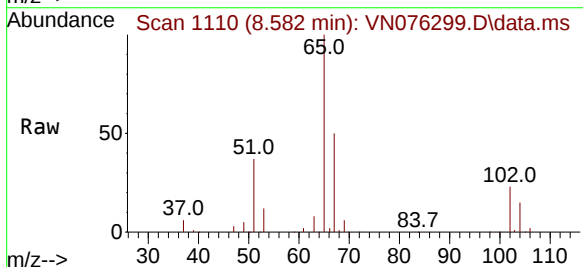
Instrument :
MSVOA_N
ClientSampleId :
PE-3

Tgt Ion:168 Resp: 455502
Ion Ratio Lower Upper
168 100
99 53.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.030 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076299.D
Acq: 18 Jan 2023 17:06

Tgt Ion: 65 Resp: 234762
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076299.D

Acq: 18 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

PE-3

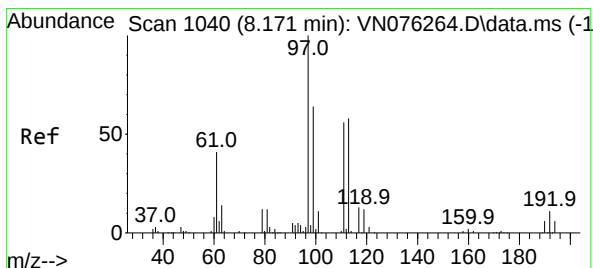
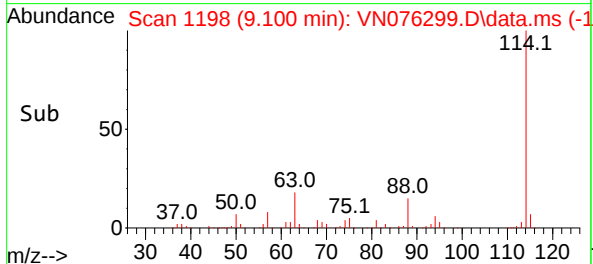
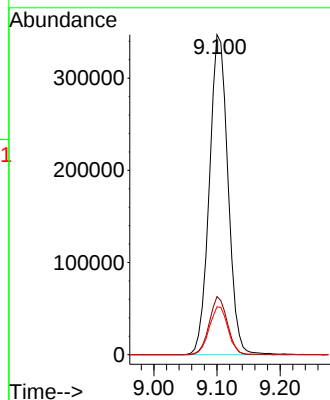
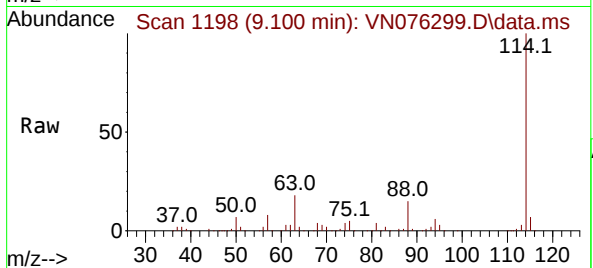
Tgt Ion:114 Resp: 710846

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.046 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076299.D

Acq: 18 Jan 2023 17:06

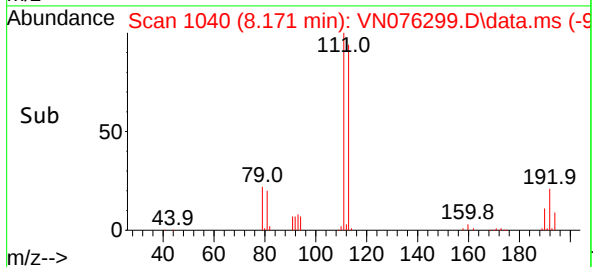
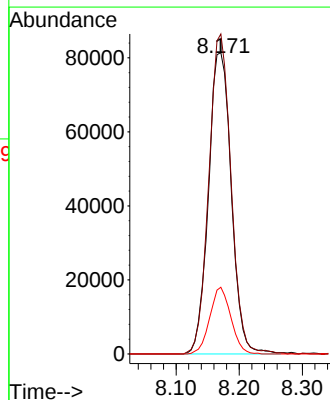
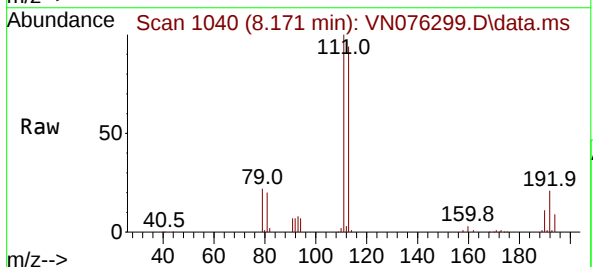
Tgt Ion:113 Resp: 204748

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 20.4 15.6 23.4

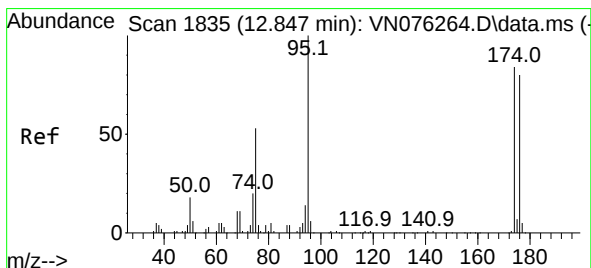
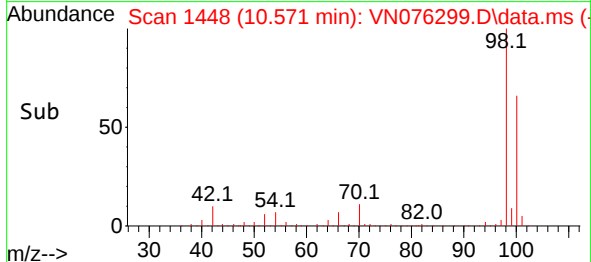
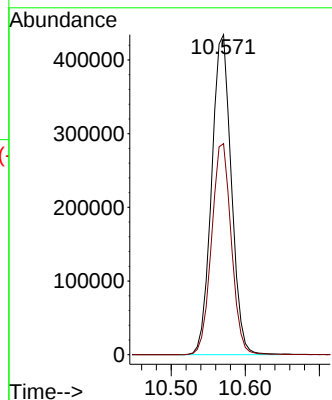
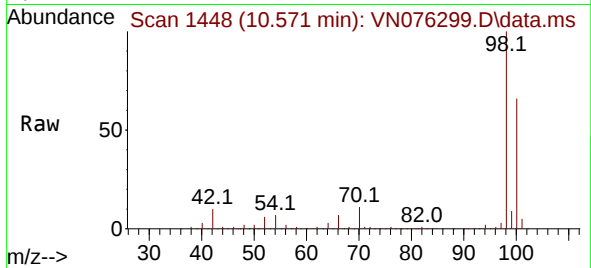




#50
Toluene-d8
Concen: 48.748 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076299.D
Acq: 18 Jan 2023 17:06

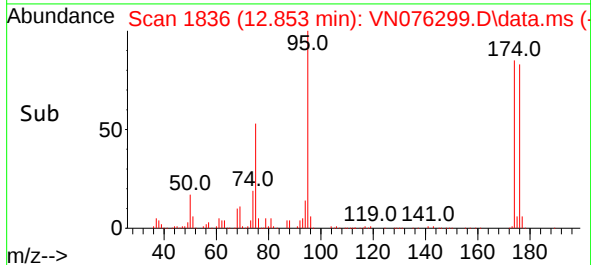
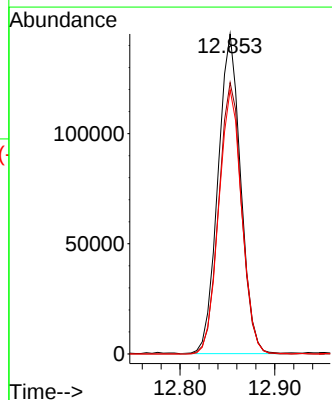
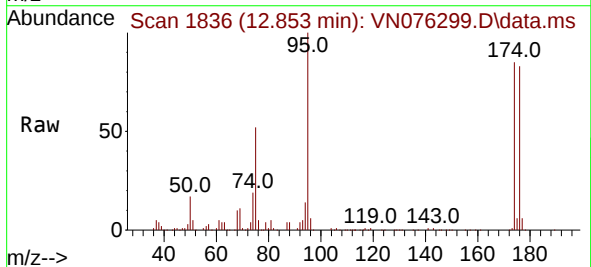
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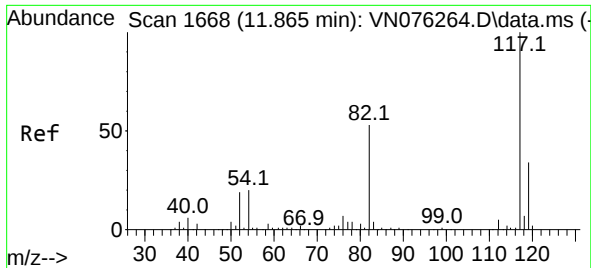
Tgt Ion: 98 Resp: 800537
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.164 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076299.D
Acq: 18 Jan 2023 17:06

Tgt Ion: 95 Resp: 242127
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.6
176 83.3 0.0 167.8

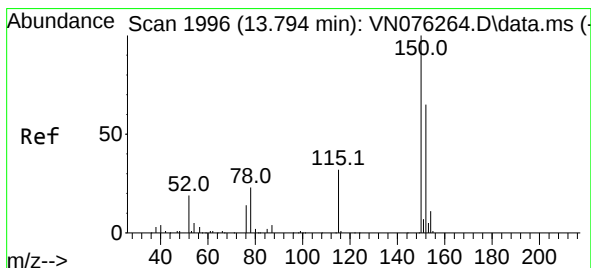
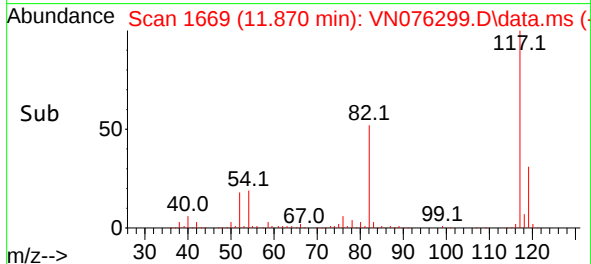
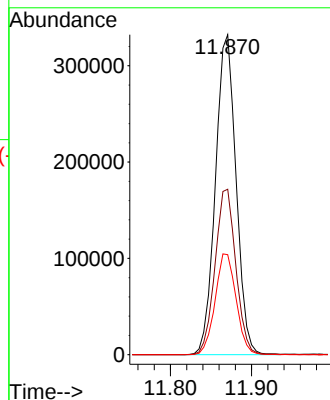
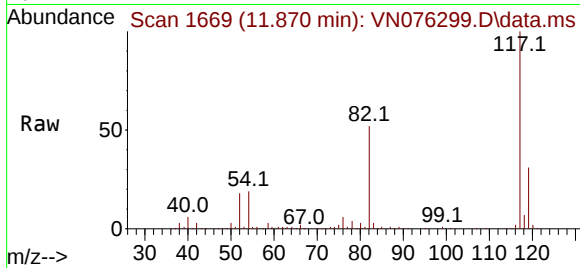




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076299.D
Acq: 18 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
PE-3

Tgt Ion:117 Resp: 586981
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 31.2 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: VN076299.D
Acq: 18 Jan 2023 17:06

Tgt Ion:152 Resp: 248801
Ion Ratio Lower Upper
152 100
115 57.6 29.6 88.9
150 156.1 0.0 351.4

