

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076800.D
 Acq On : 24 Feb 2023 11:17
 Operator : JC\MD
 Sample : VN0224MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBL01

Quant Time: Feb 25 01:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	264012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	468294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	412256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	159821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188370	51.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.340%
35) Dibromofluoromethane	8.172	113	146085	47.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	10.571	98	570280	49.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.854	95	168945	44.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%

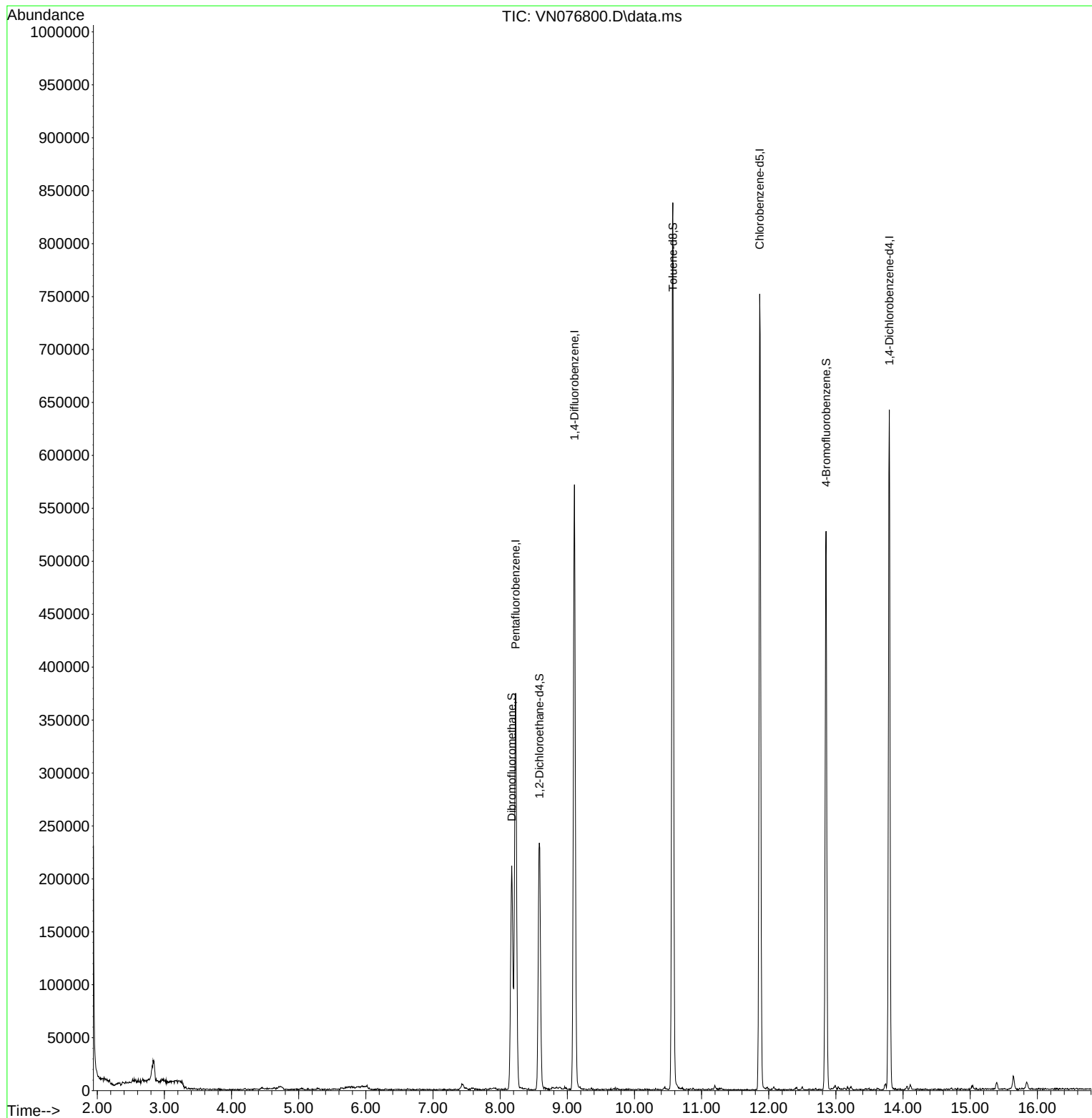
Target Compounds	Qvalue

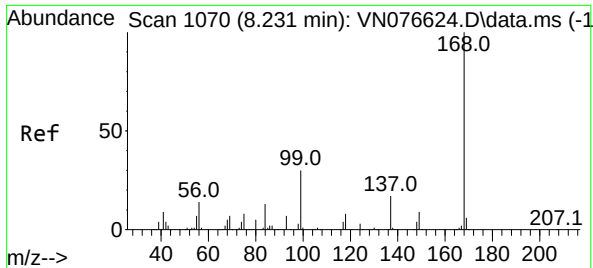
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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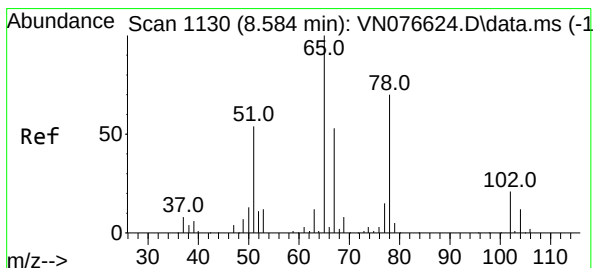
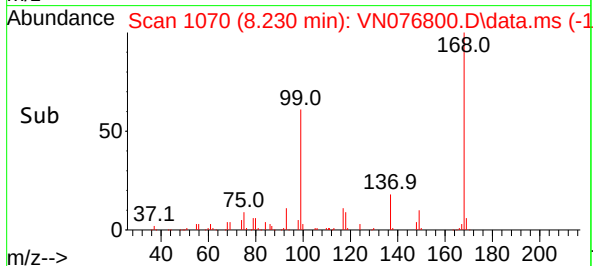
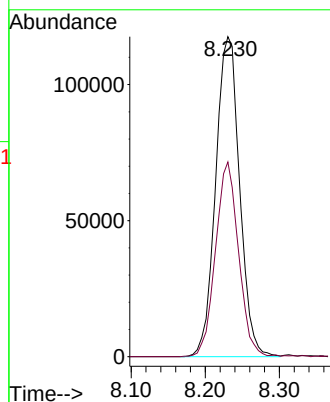
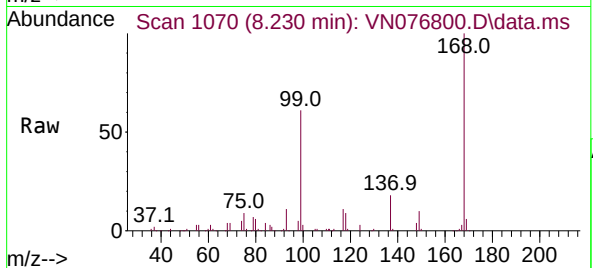




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076800.D
Acq: 24 Feb 2023 11:17

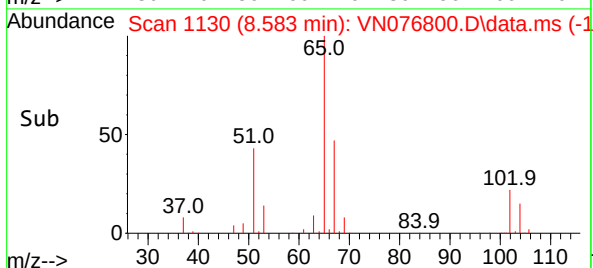
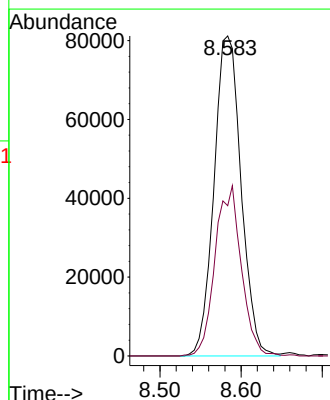
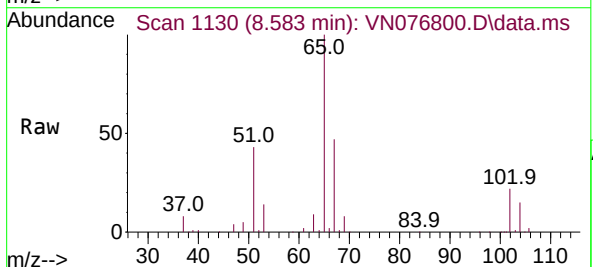
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBL01

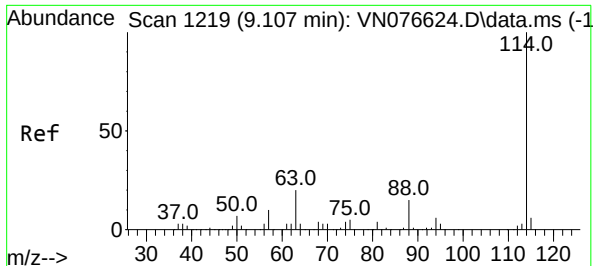
Tgt Ion:168 Resp: 264012
Ion Ratio Lower Upper
168 100
99 60.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.670 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076800.D
Acq: 24 Feb 2023 11:17

Tgt Ion: 65 Resp: 188370
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076800.D

Acq: 24 Feb 2023 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBL01

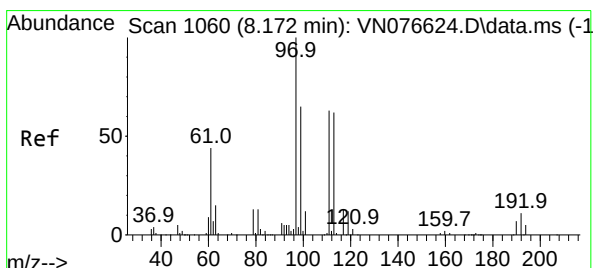
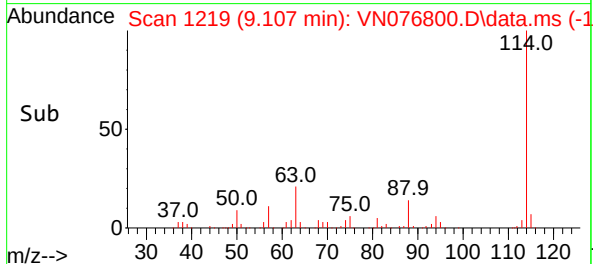
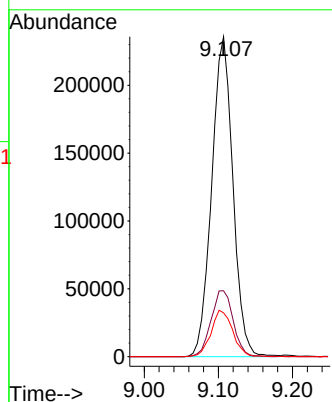
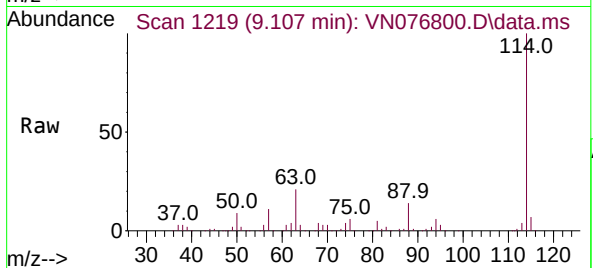
Tgt Ion:114 Resp: 468294

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 13.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.635 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076800.D

Acq: 24 Feb 2023 11:17

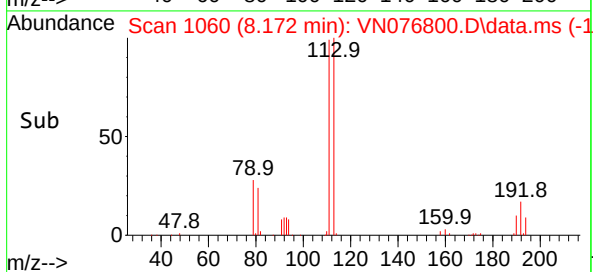
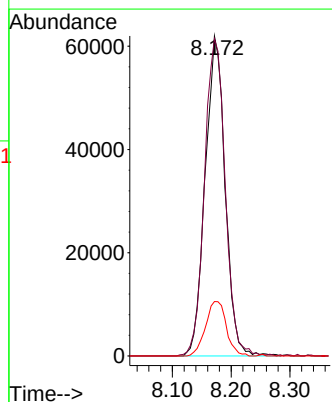
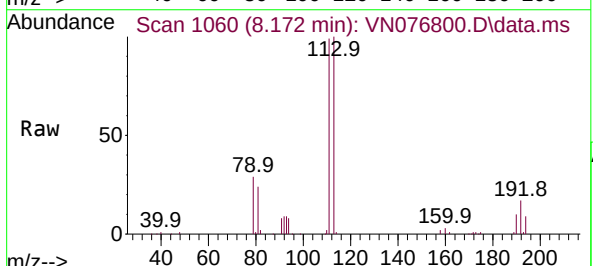
Tgt Ion:113 Resp: 146085

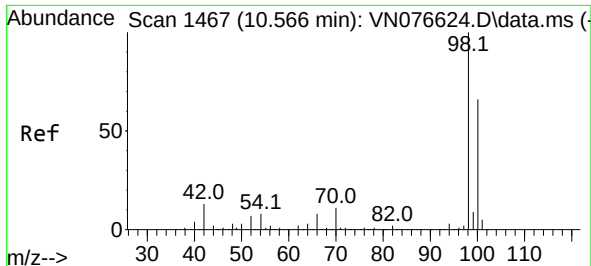
Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 17.7 15.6 23.4

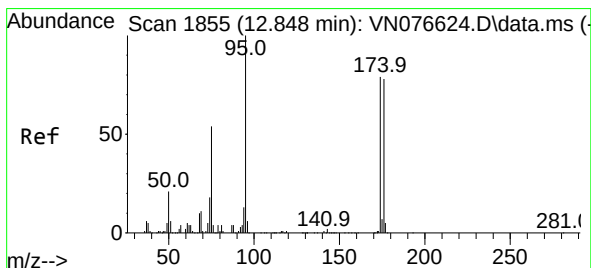
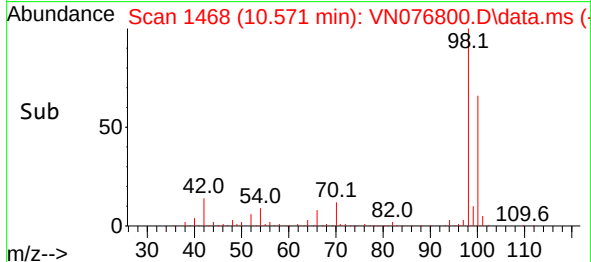
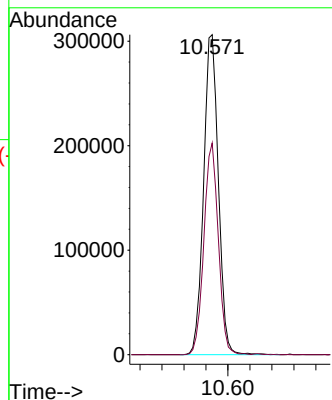
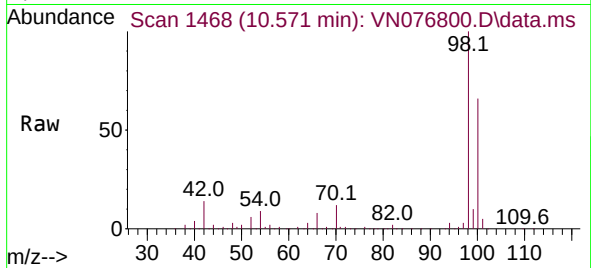




#50
Toluene-d8
Concen: 49.793 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076800.D
Acq: 24 Feb 2023 11:17

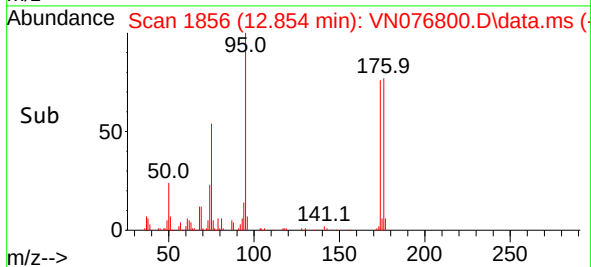
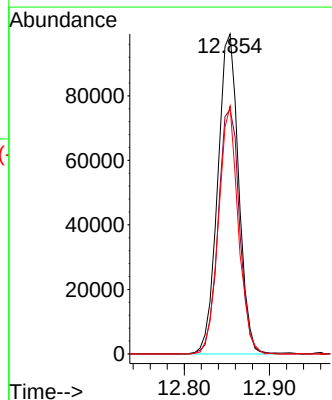
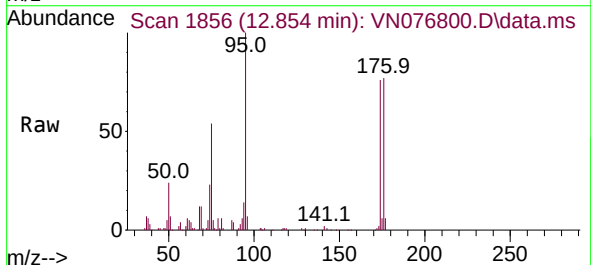
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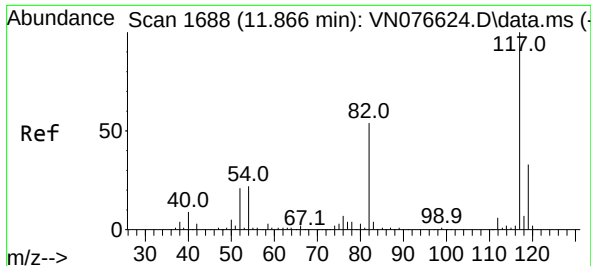
Tgt Ion: 98 Resp: 570280
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.538 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076800.D
Acq: 24 Feb 2023 11:17

Tgt Ion: 95 Resp: 168945
Ion Ratio Lower Upper
95 100
174 77.8 0.0 169.2
176 73.3 0.0 163.4

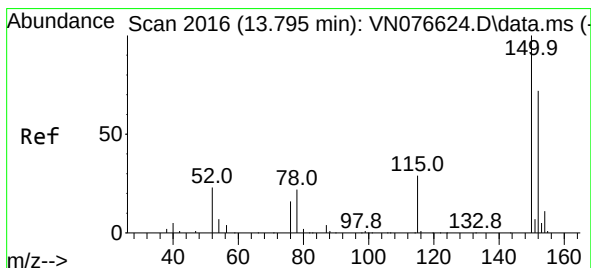
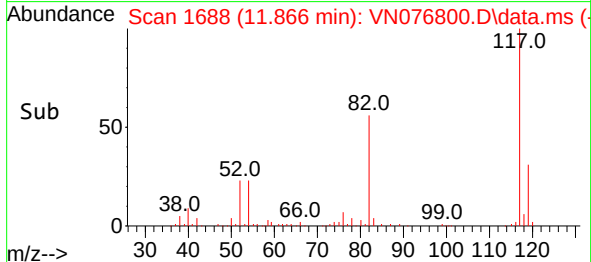
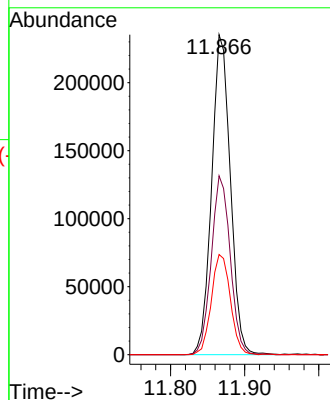
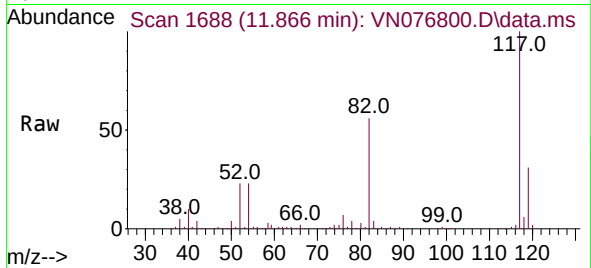




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076800.D
Acq: 24 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBL01

Tgt Ion:117 Resp: 412256
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.2
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076800.D
Acq: 24 Feb 2023 11:17

Tgt Ion:152 Resp: 159821
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 159.2 0.0 349.8

