

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080633.D
 Acq On : 03 Jan 2024 12:22
 Operator : JC\MD
 Sample : VN0103WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBL01

Quant Time: Jan 04 01:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	301739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	577993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	600219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177742	45.923	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.840%
35) Dibromofluoromethane	8.165	113	173759	46.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	10.571	98	616038	47.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.847	95	202292	46.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%

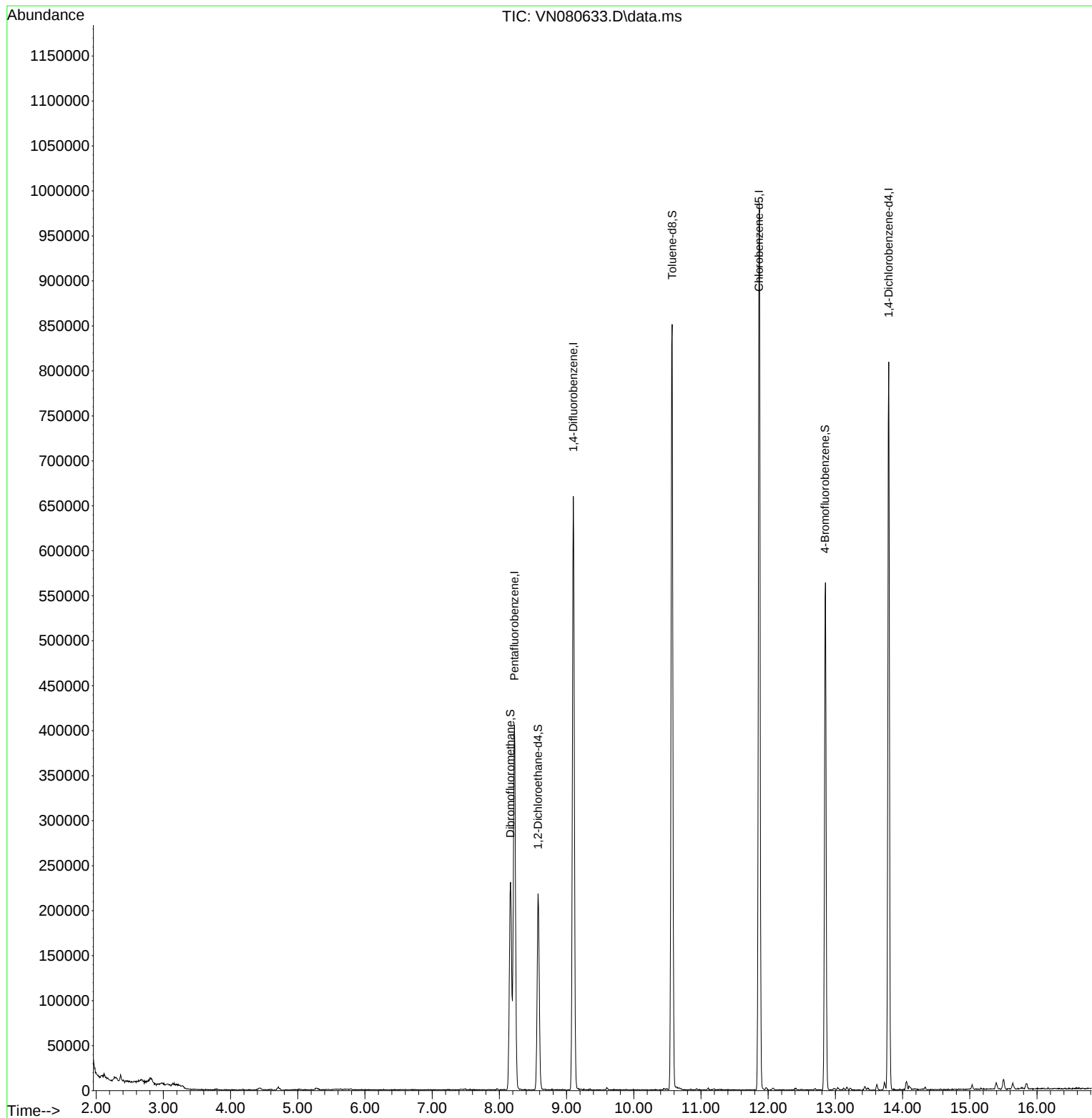
Target Compounds	Qvalue

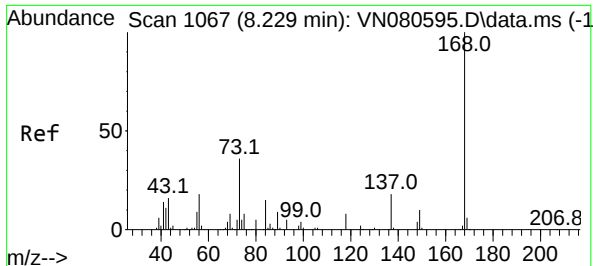
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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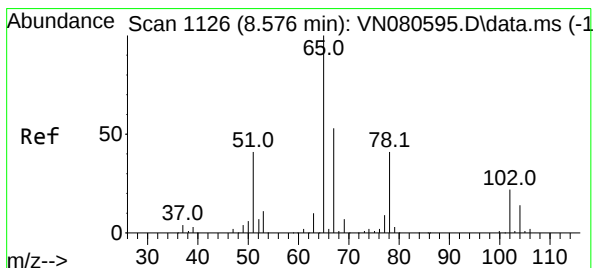
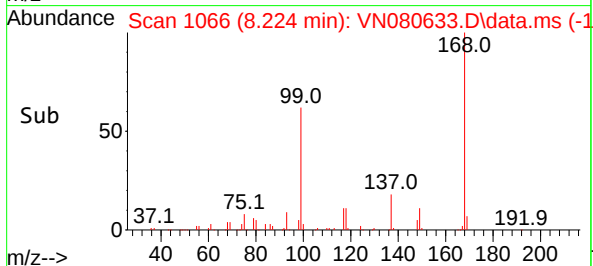
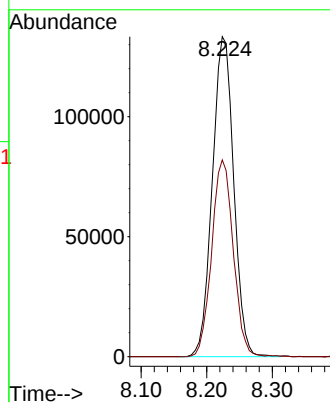
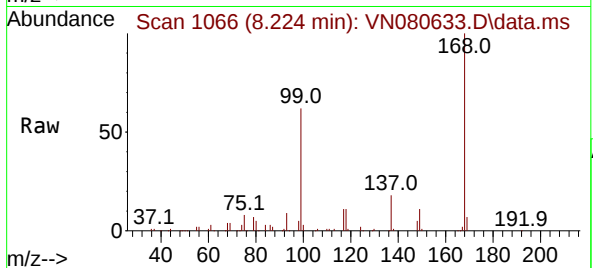




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080633.D
Acq: 03 Jan 2024 12:22

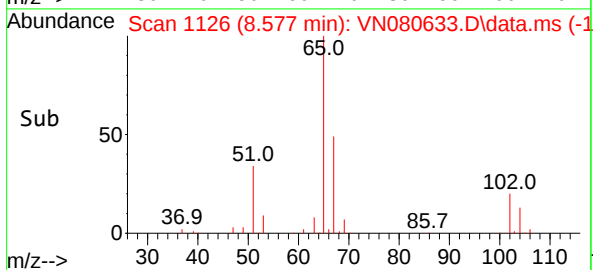
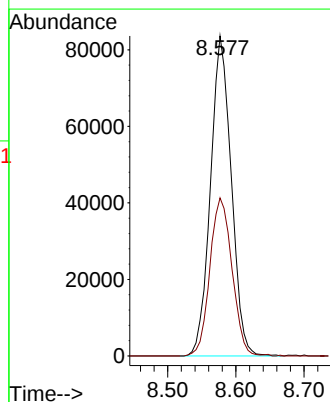
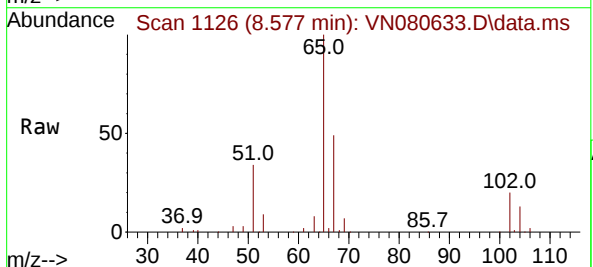
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

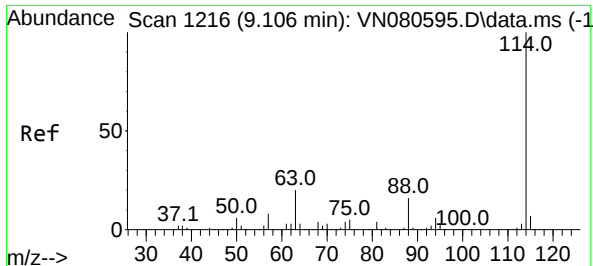
Tgt Ion:168 Resp: 301739
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.923 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080633.D
Acq: 03 Jan 2024 12:22

Tgt Ion: 65 Resp: 177742
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080633.D

Acq: 03 Jan 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBL01

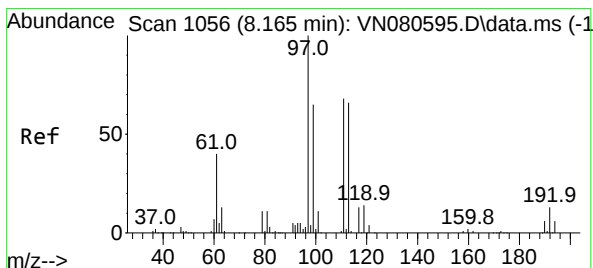
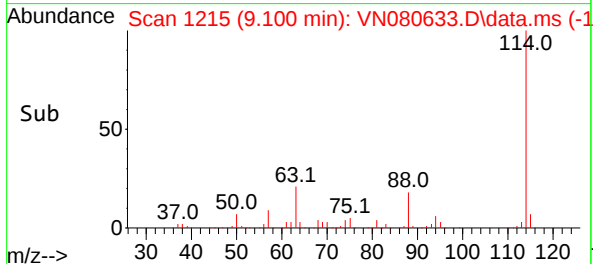
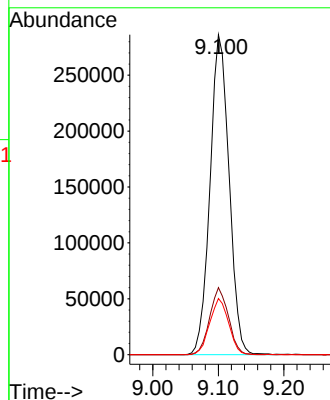
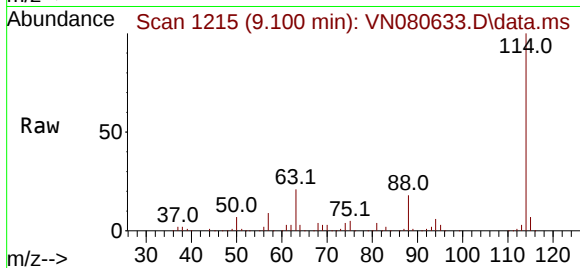
Tgt Ion:114 Resp: 577993

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.482 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080633.D

Acq: 03 Jan 2024 12:22

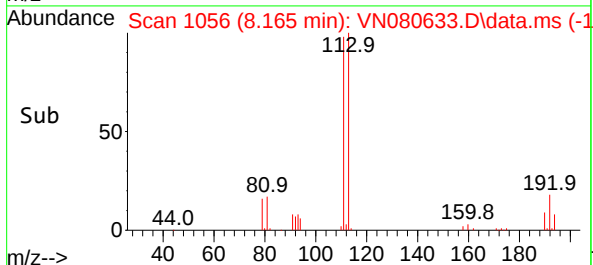
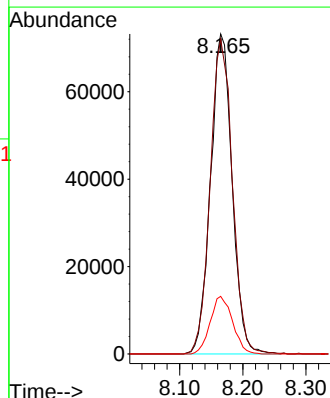
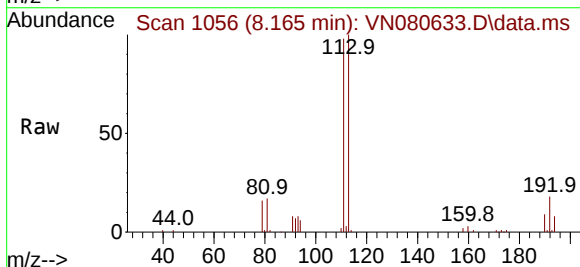
Tgt Ion:113 Resp: 173759

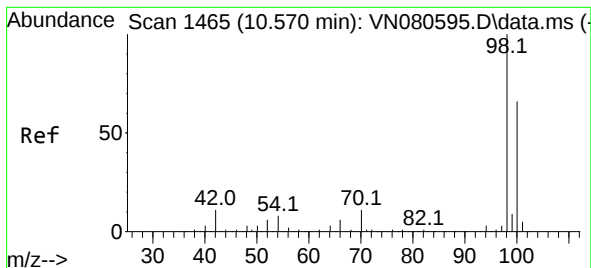
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 18.6 12.7 19.1





#50

Toluene-d8

Concen: 47.199 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080633.D

Acq: 03 Jan 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

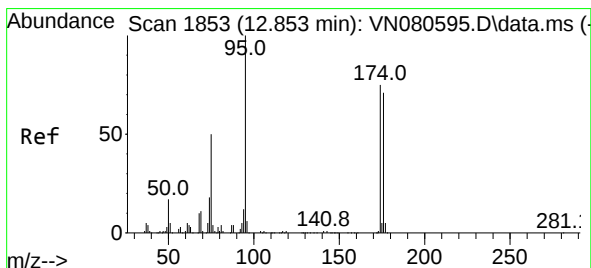
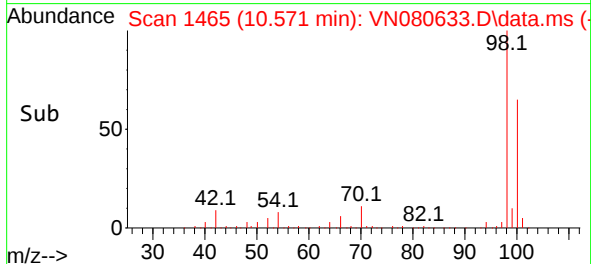
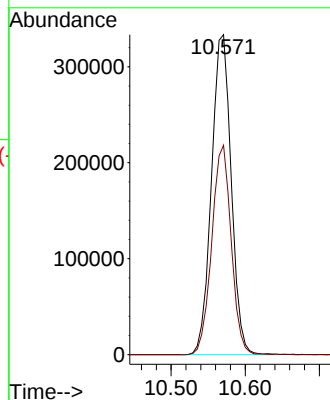
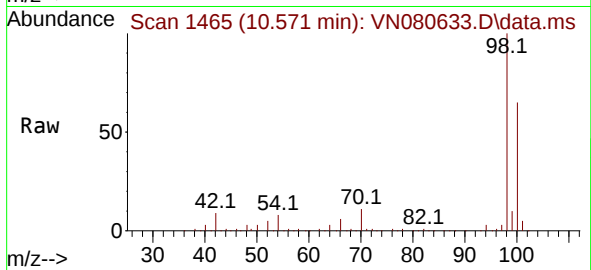
VN0103WBL01

Tgt Ion: 98 Resp: 616038

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.053 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN080633.D

Acq: 03 Jan 2024 12:22

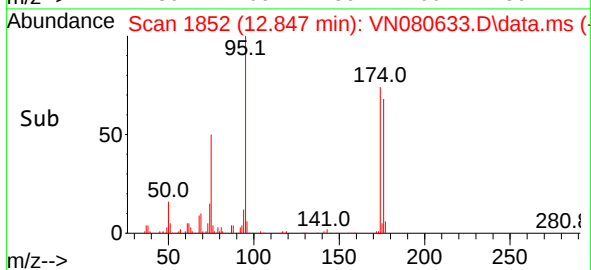
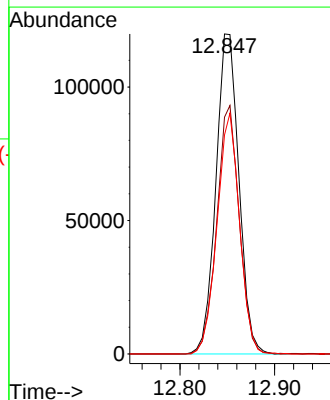
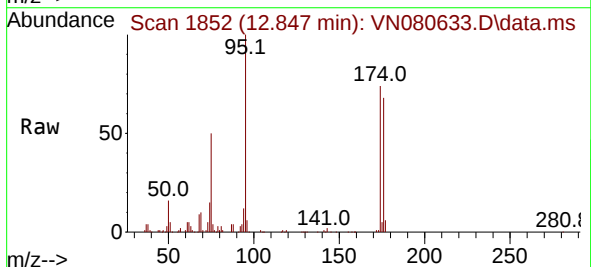
Tgt Ion: 95 Resp: 202292

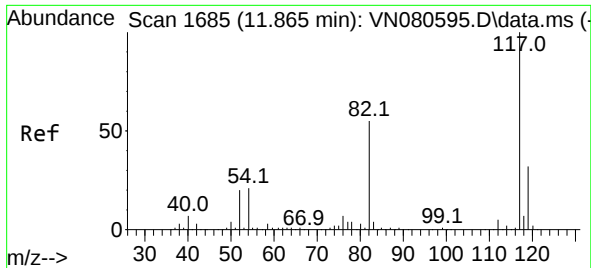
Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.8

176 73.5 0.0 135.8

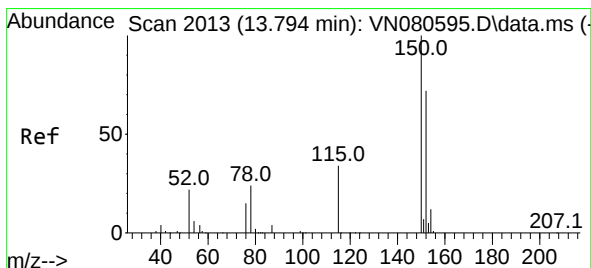
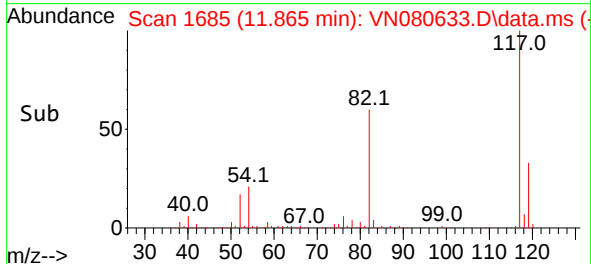
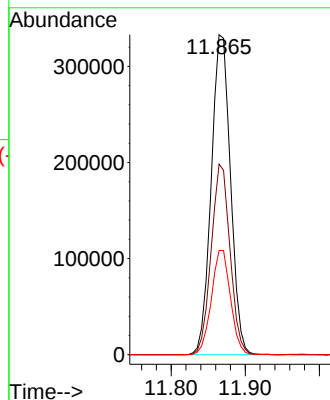
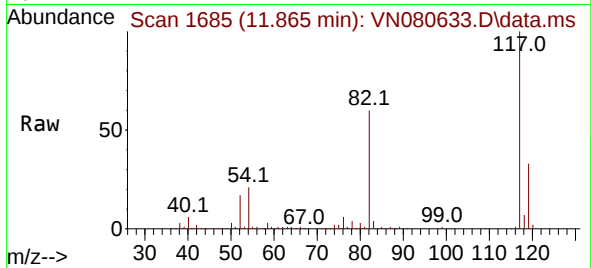




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080633.D
Acq: 03 Jan 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

Tgt Ion:117 Resp: 600219
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080633.D
Acq: 03 Jan 2024 12:22

Tgt Ion:152 Resp: 219383
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 158.1 0.0 355.8

