

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077705.D
 Acq On : 17 May 2023 11:37
 Operator : JC\MD
 Sample : VN0517MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517MBL01

Quant Time: May 18 01:37:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	366592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	660207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	574292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	252734	46.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.160%
35) Dibromofluoromethane	8.171	113	210223	48.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.570	98	806094	48.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.858	95	264679	45.225	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%

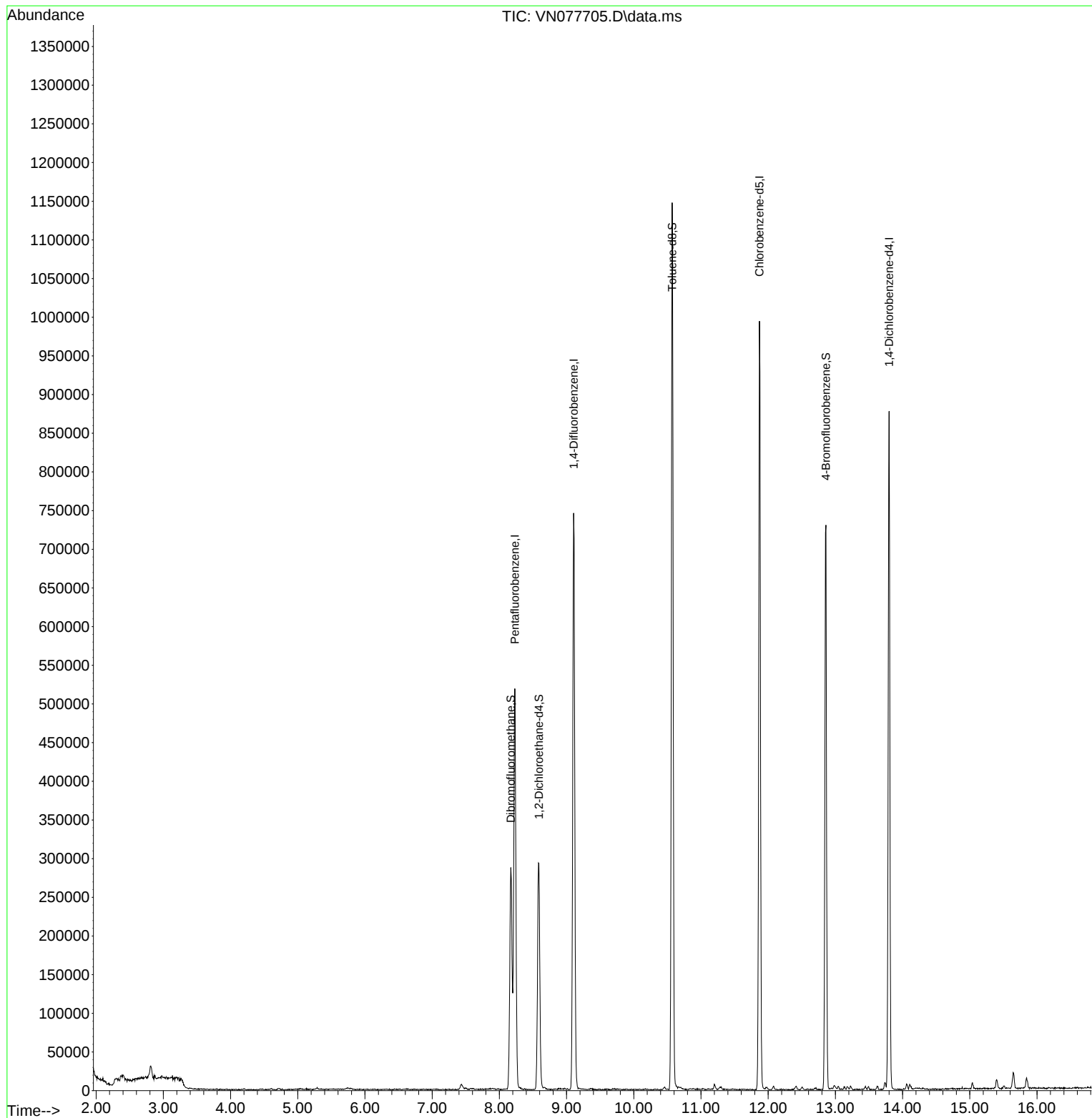
Target Compounds	Qvalue

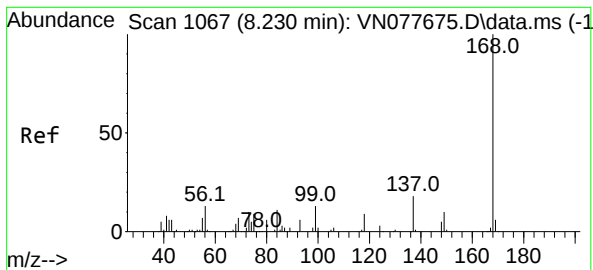
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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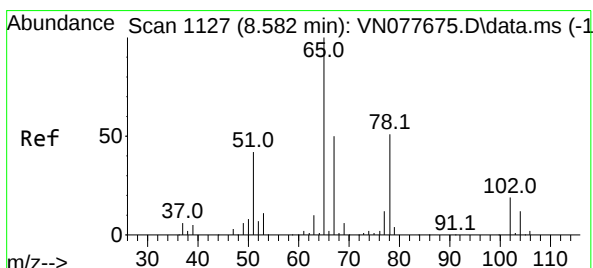
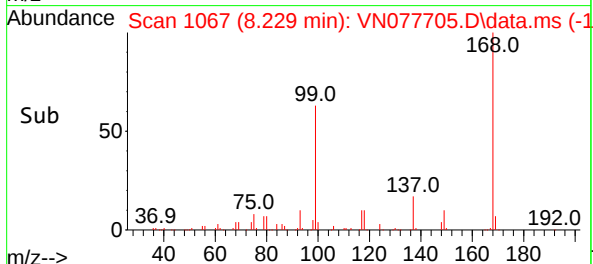
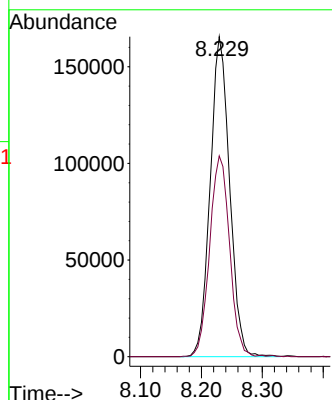
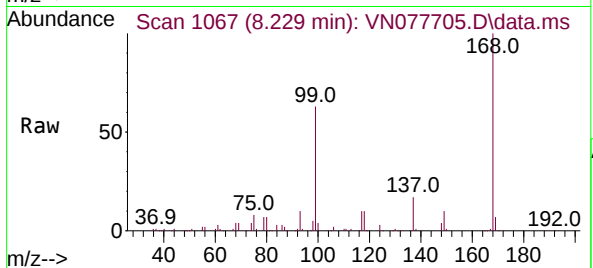




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077705.D
Acq: 17 May 2023 11:37

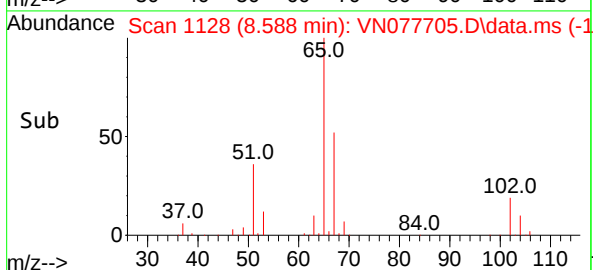
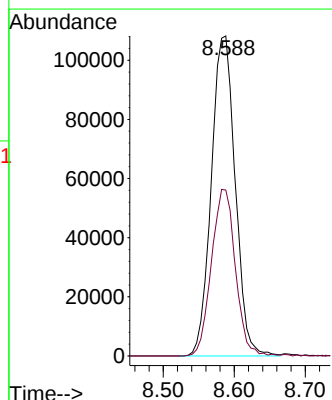
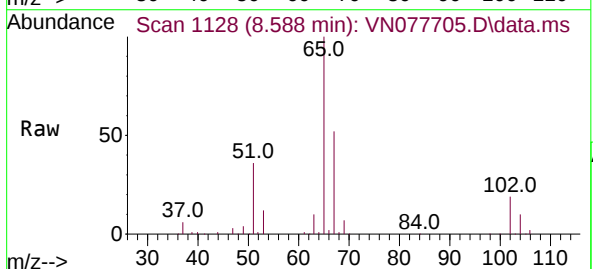
Instrument :
MSVOA_N
ClientSampleId :
VN0517MBL01

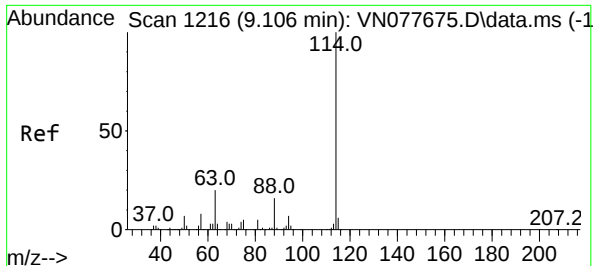
Tgt Ion:168 Resp: 366592
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.076 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077705.D
Acq: 17 May 2023 11:37

Tgt Ion: 65 Resp: 252734
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

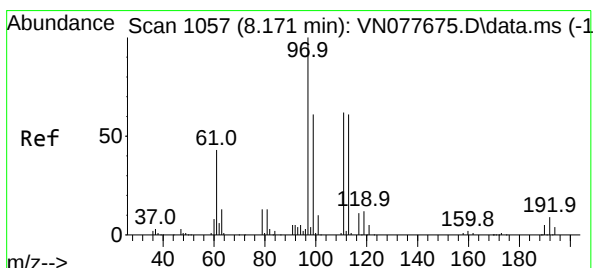
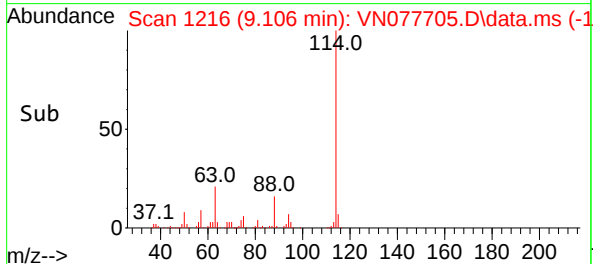
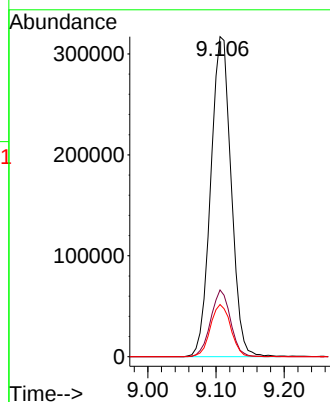
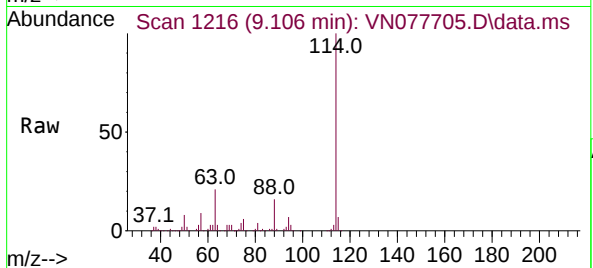




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077705.D
Acq: 17 May 2023 11:37

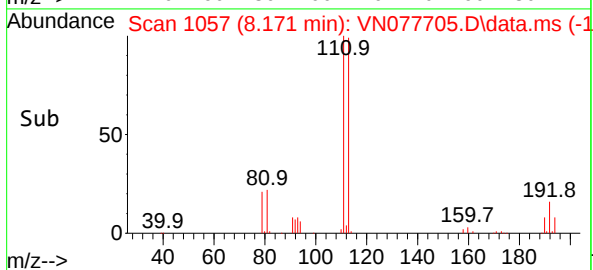
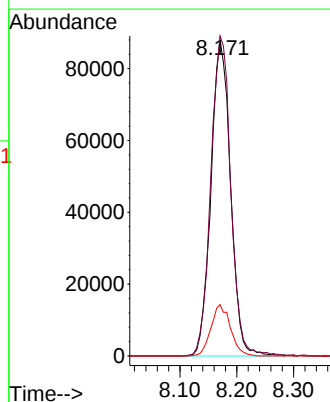
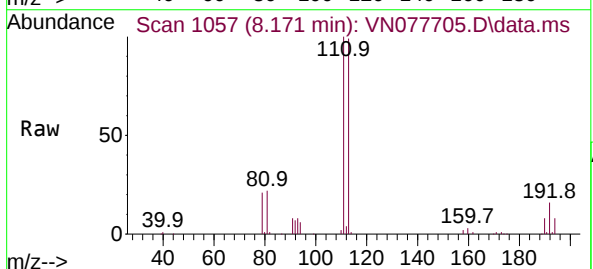
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VN0517MBL01

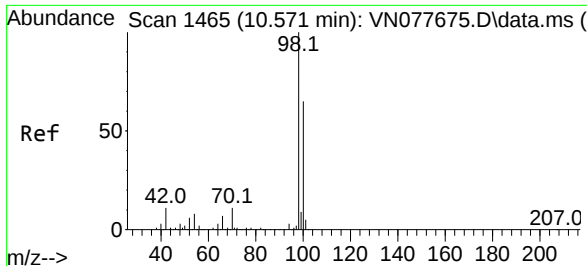
Tgt Ion:114 Resp: 660207
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077705.D
Acq: 17 May 2023 11:37

Tgt Ion:113 Resp: 210223
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 16.2 12.7 19.1

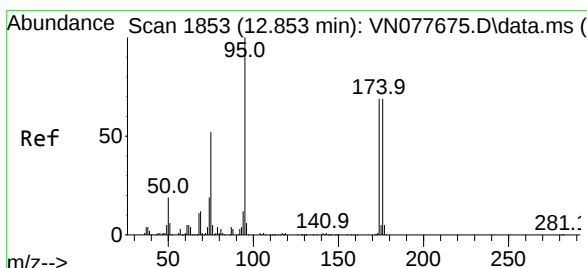
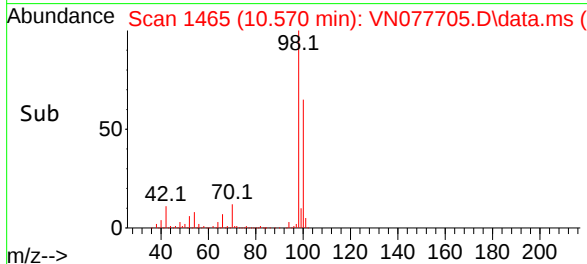
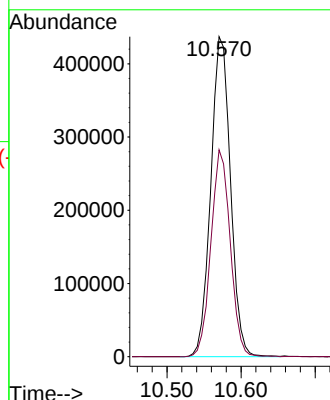
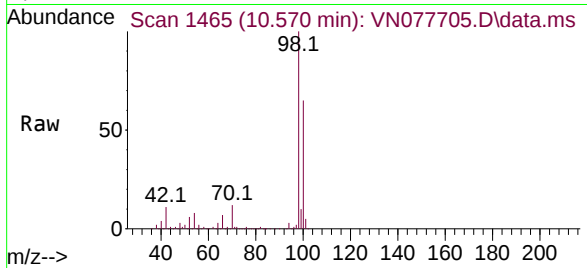




#50
Toluene-d8
Concen: 48.645 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077705.D
Acq: 17 May 2023 11:37

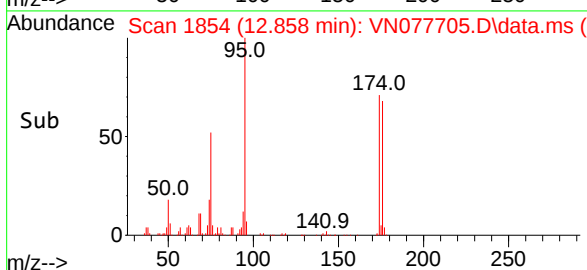
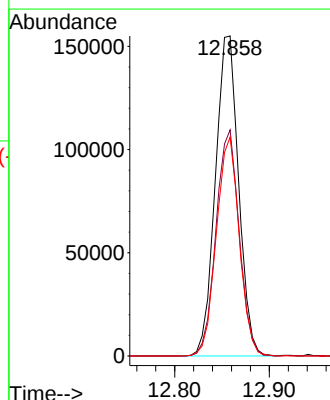
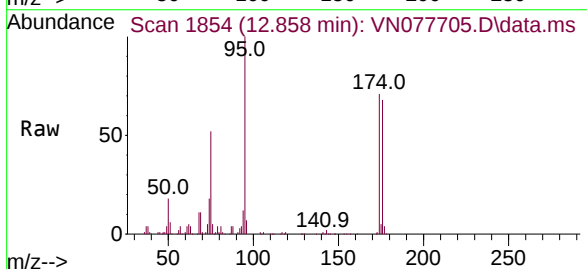
Instrument :
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VN0517MBL01

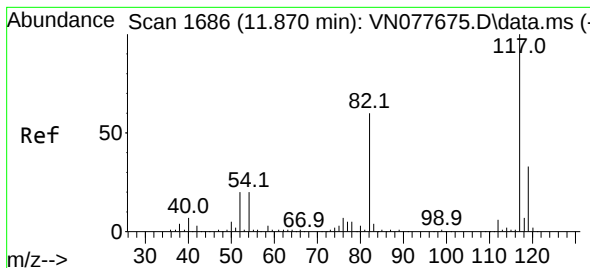
Tgt Ion: 98 Resp: 806094
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.225 ug/l
RT: 12.858 min Scan# 1854
Delta R.T. 0.005 min
Lab File: VN077705.D
Acq: 17 May 2023 11:37

Tgt Ion: 95 Resp: 264679
Ion Ratio Lower Upper
95 100
174 70.3 0.0 143.8
176 67.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077705.D

Acq: 17 May 2023 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0517MBL01

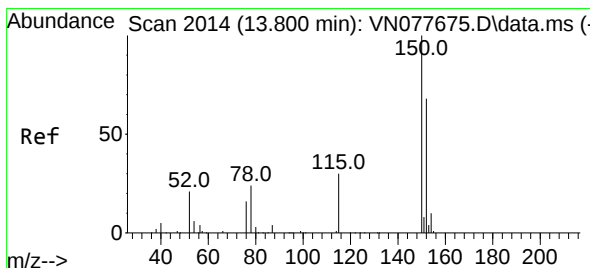
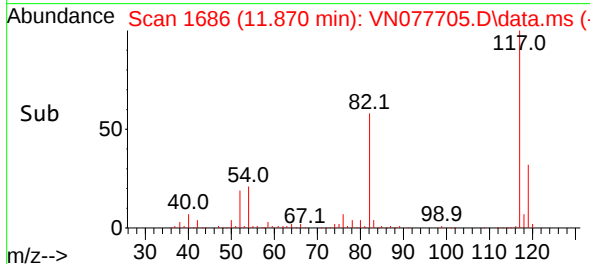
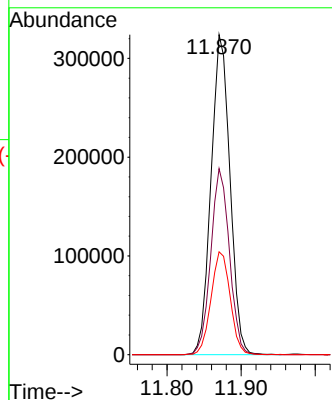
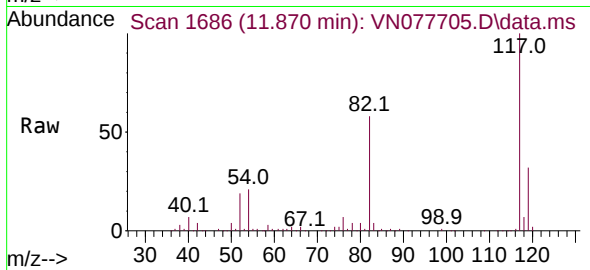
Tgt Ion:117 Resp: 574292

Ion Ratio Lower Upper

117 100

82 58.1 44.0 66.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077705.D

Acq: 17 May 2023 11:37

Tgt Ion:152 Resp: 228173

Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

150 158.2 0.0 355.8

