

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078271.D
 Acq On : 19 Jun 2023 11:37
 Operator : JC\MD
 Sample : VN0619MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBL01

Quant Time: Jun 19 16:02:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	427697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	782070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	696489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304319	53.366	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.740%
35) Dibromofluoromethane	8.177	113	275844	55.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.560%
50) Toluene-d8	10.570	98	908860	47.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.859	95	283189	47.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%

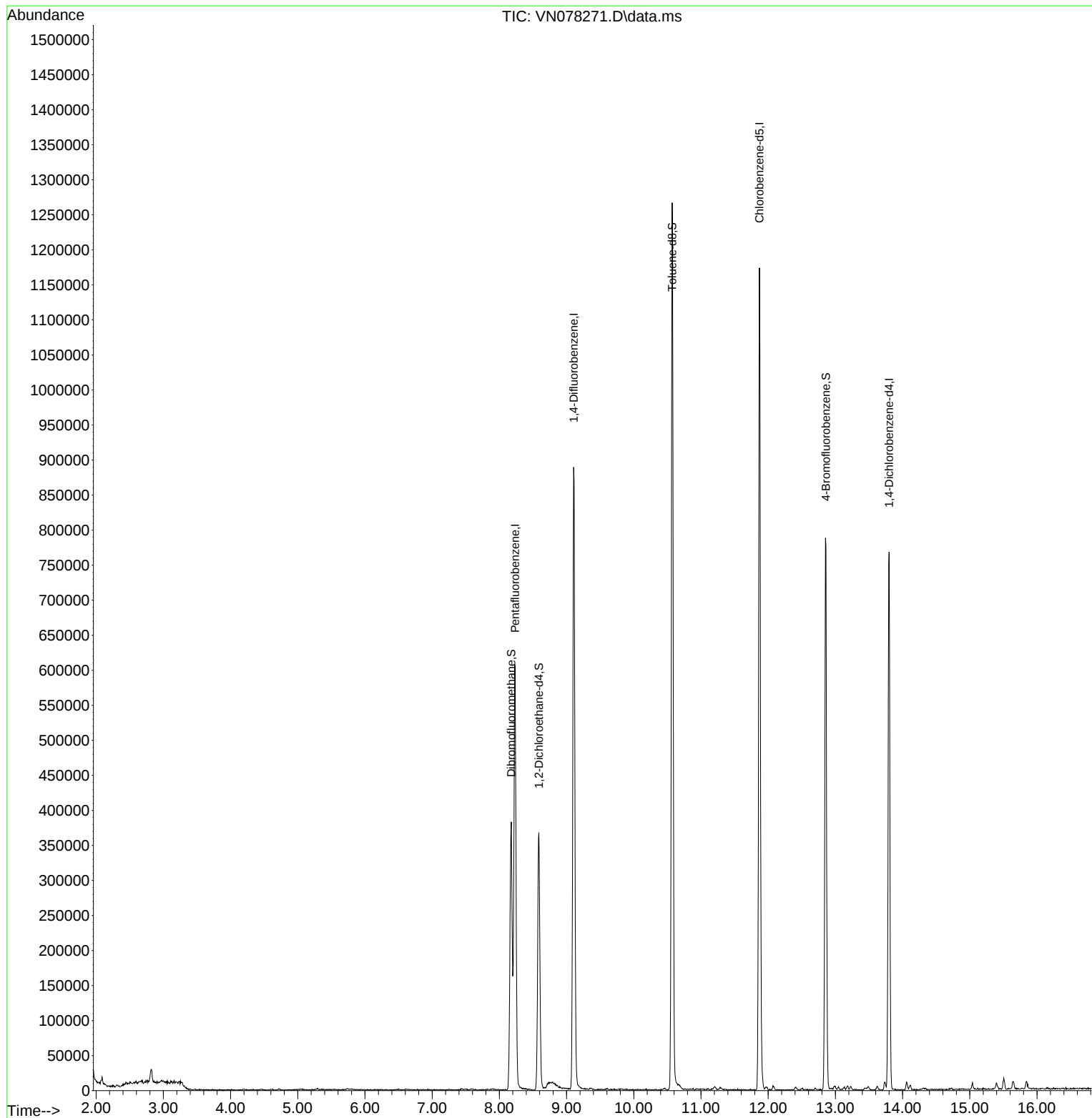
Target Compounds	Qvalue

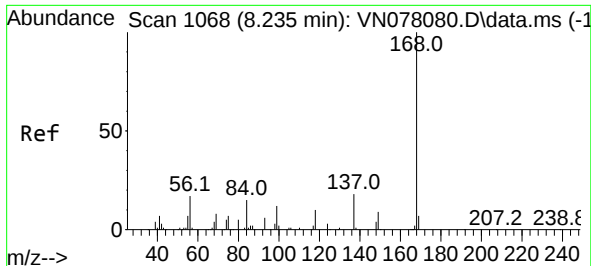
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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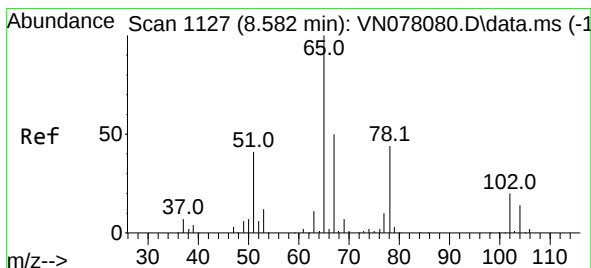
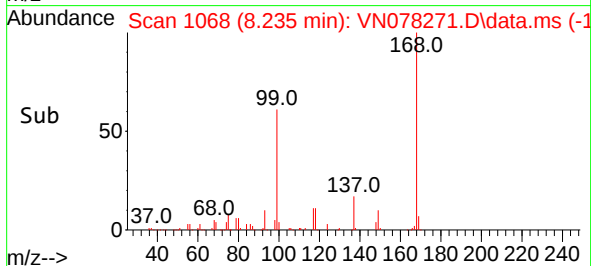
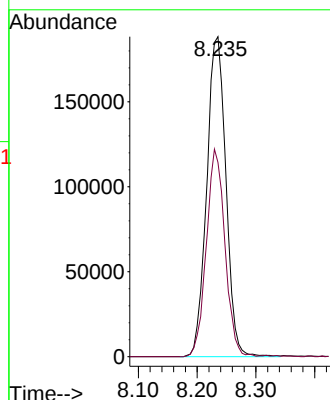
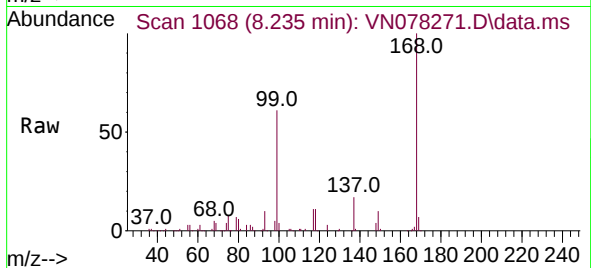




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078271.D
Acq: 19 Jun 2023 11:37

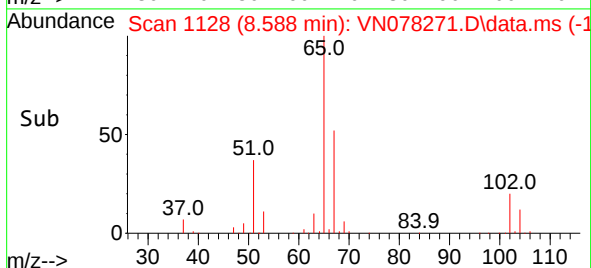
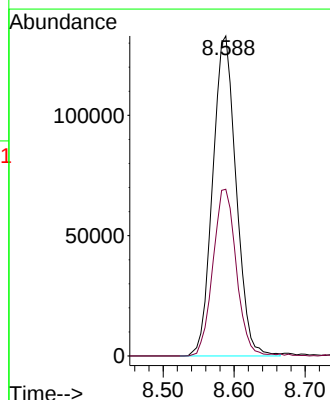
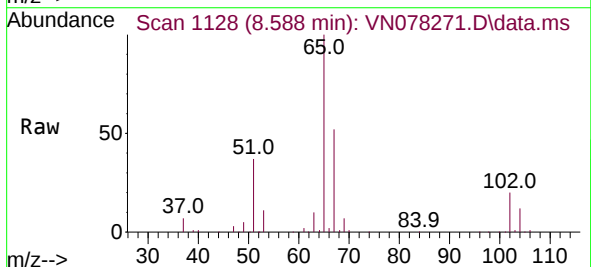
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBL01

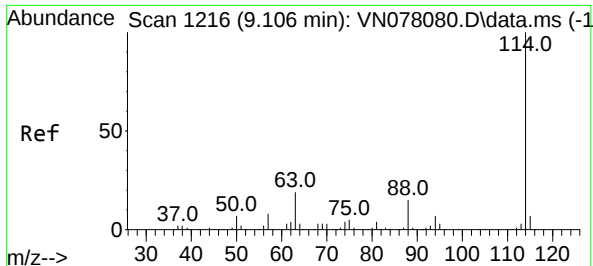
Tgt Ion:168 Resp: 427697
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.366 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078271.D
Acq: 19 Jun 2023 11:37

Tgt Ion: 65 Resp: 304319
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078271.D

Acq: 19 Jun 2023 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBL01

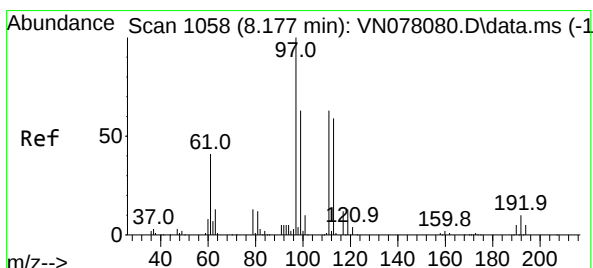
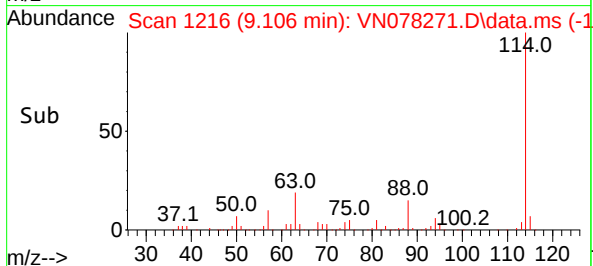
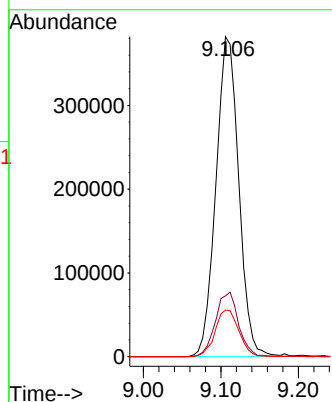
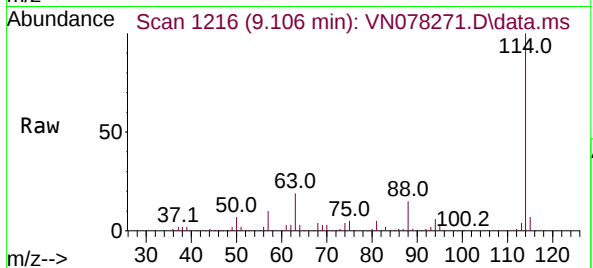
Tgt Ion:114 Resp: 782070

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.783 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078271.D

Acq: 19 Jun 2023 11:37

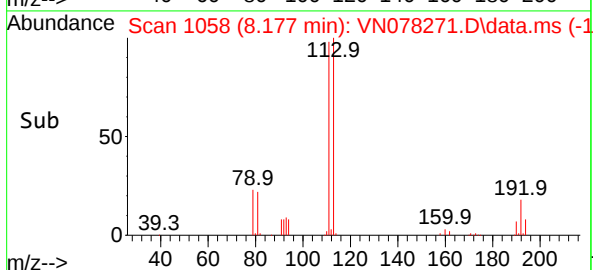
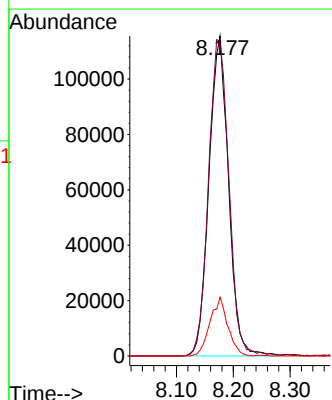
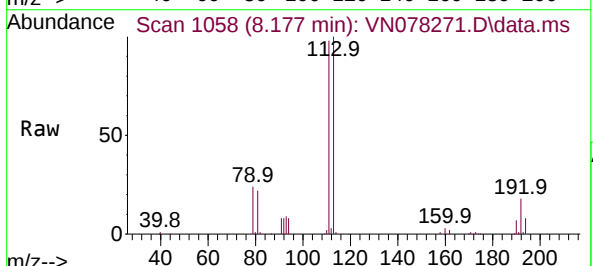
Tgt Ion:113 Resp: 275844

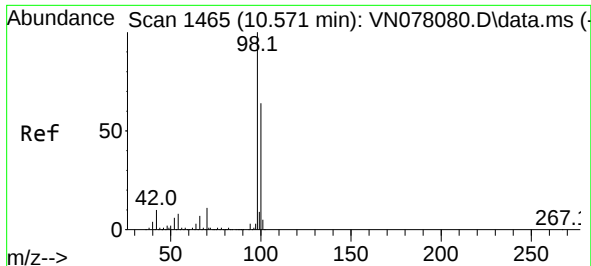
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.7 12.7 19.1

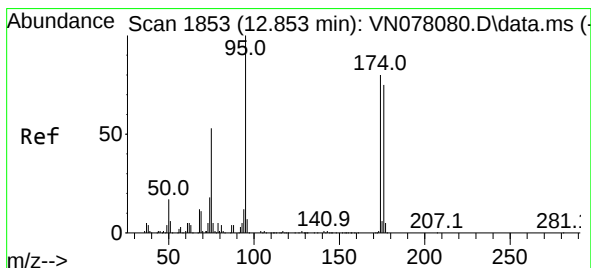
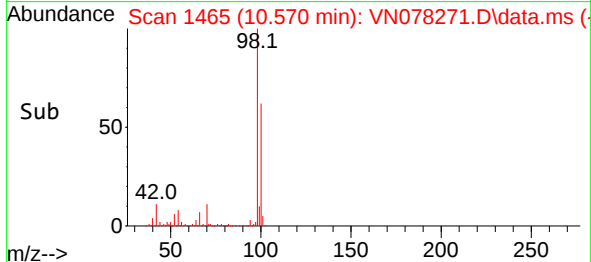
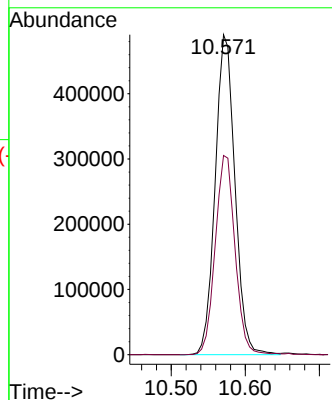
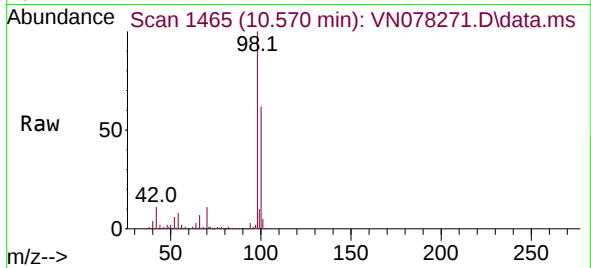




#50
Toluene-d8
Concen: 47.676 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078271.D
Acq: 19 Jun 2023 11:37

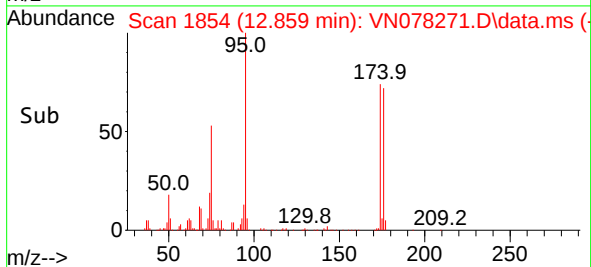
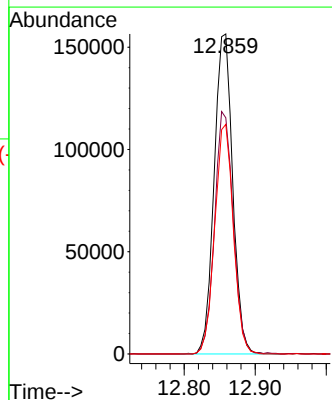
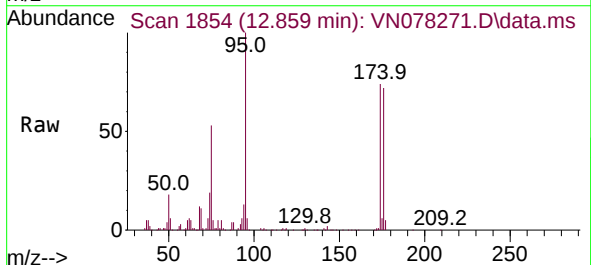
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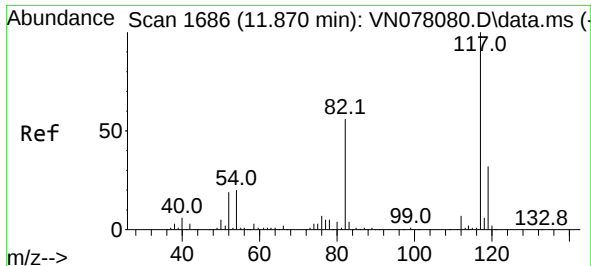
Tgt Ion: 98 Resp: 908860
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.785 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078271.D
Acq: 19 Jun 2023 11:37

Tgt Ion: 95 Resp: 283189
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.0 0.0 135.8

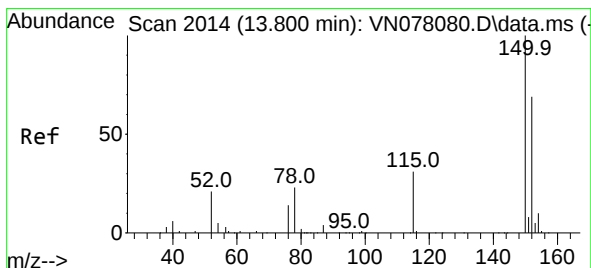
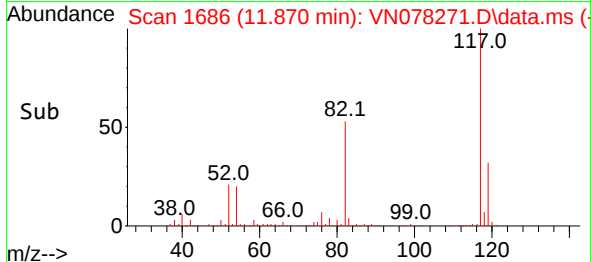
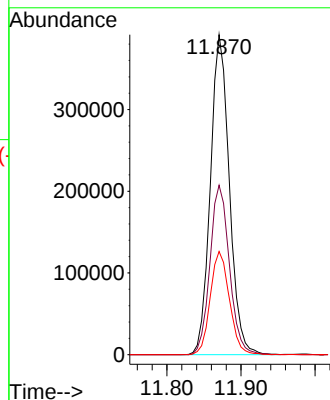
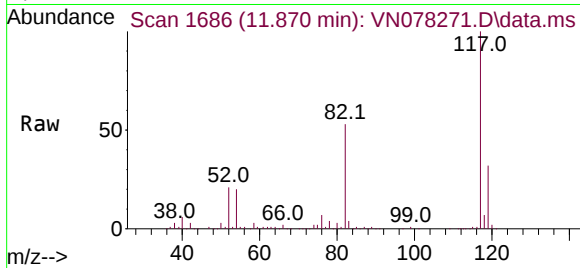




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078271.D
Acq: 19 Jun 2023 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBL01

Tgt Ion:117 Resp: 696489
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.2 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: VN078271.D
Acq: 19 Jun 2023 11:37

Tgt Ion:152 Resp: 217128
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 154.3 0.0 355.8

