

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078405.D
 Acq On : 26 Jun 2023 16:25
 Operator : JC\MD
 Sample : 03376-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-062123

Quant Time: Jun 27 02:18:13 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	8.236	168	430474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	783894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	726329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	300128	52.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.580%
35) Dibromofluoromethane	8.171	113	278993	56.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.580%
50) Toluene-d8	10.577	98	919407	48.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.859	95	300157	50.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%

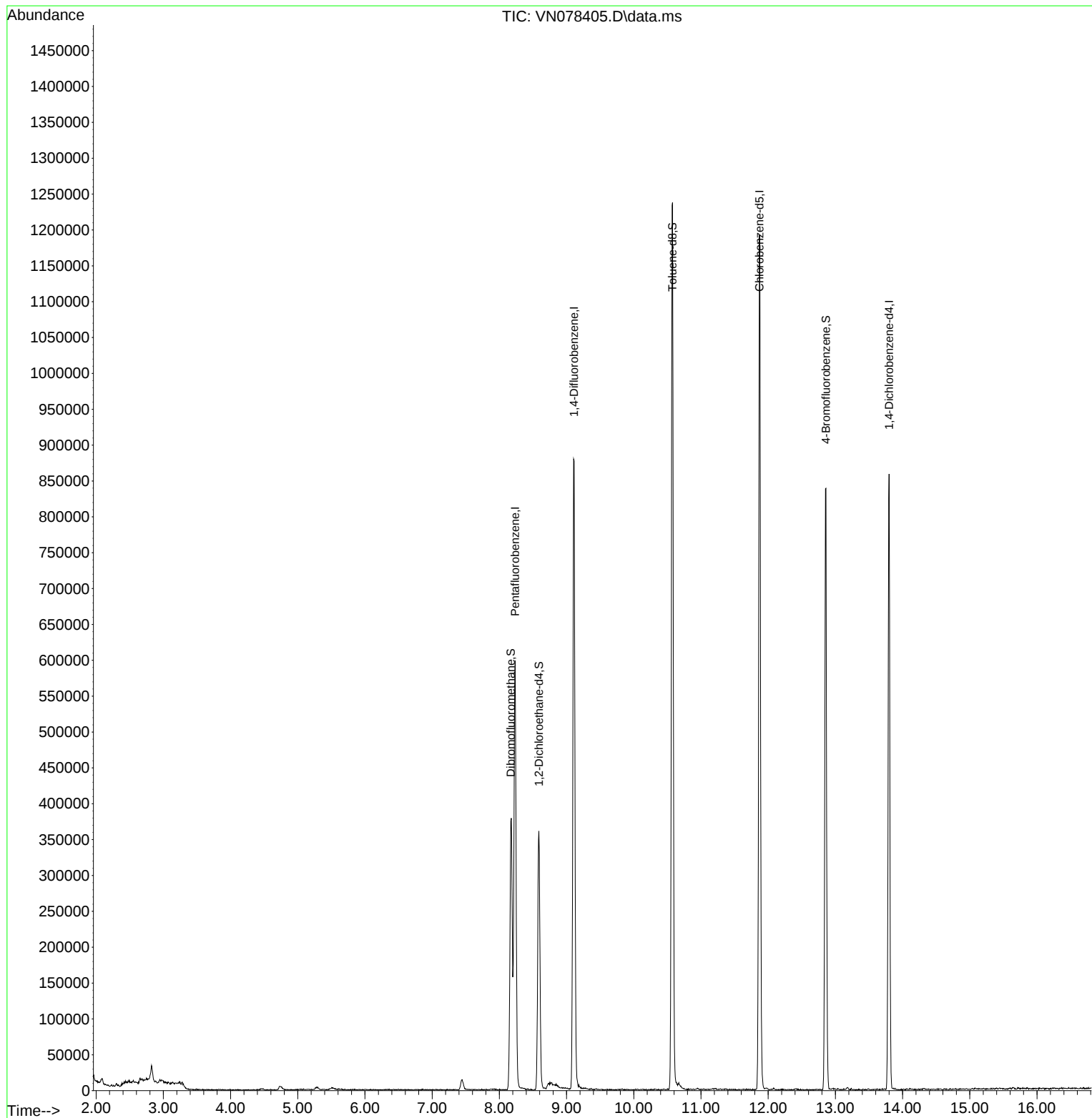
Target Compounds	Qvalue

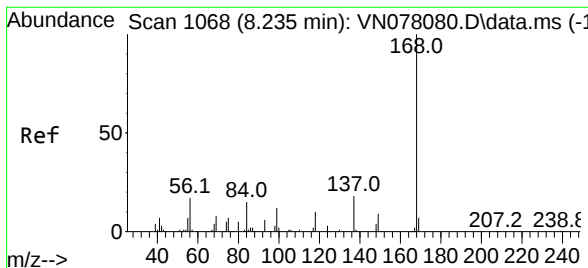
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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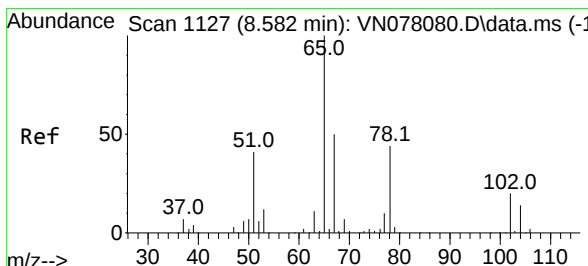
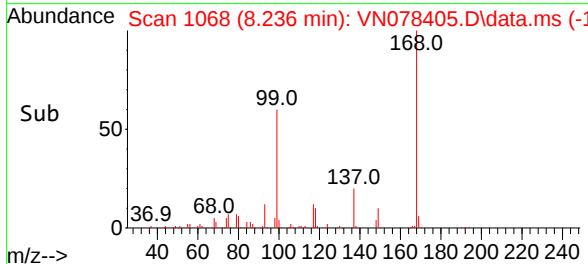
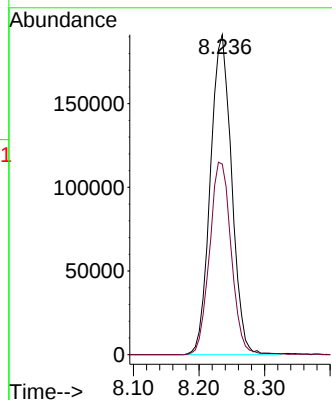
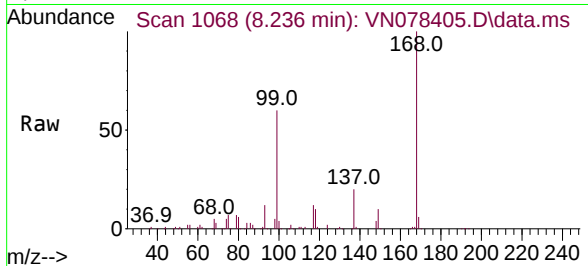




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 110
Delta R.T. 0.001 min
Lab File: VN078405.D
Acq: 26 Jun 2023 16:25

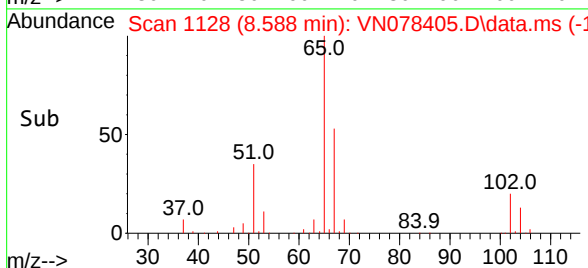
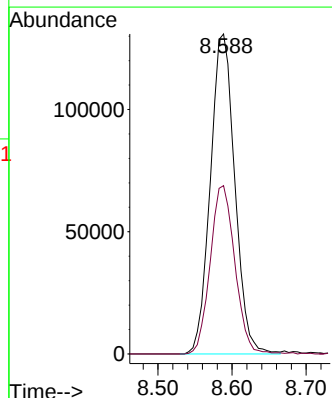
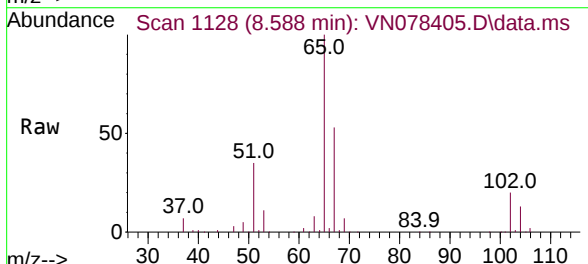
Instrument :
MSVOA_N
ClientSampleId :
TB-062123

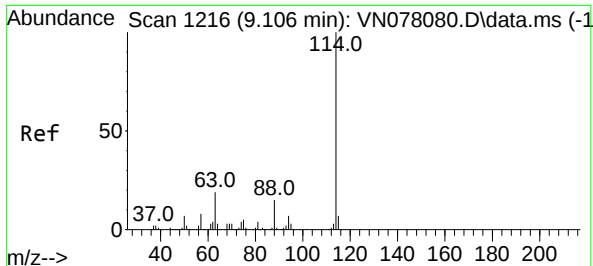
Tgt Ion:168 Resp: 430474
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.291 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078405.D
Acq: 26 Jun 2023 16:25

Tgt Ion: 65 Resp: 300128
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

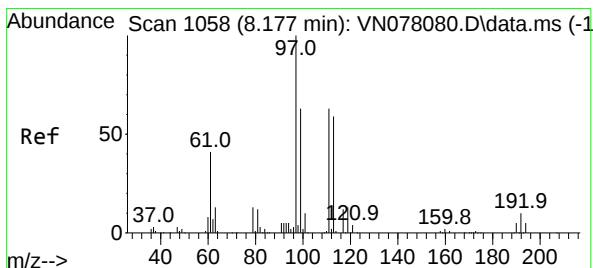
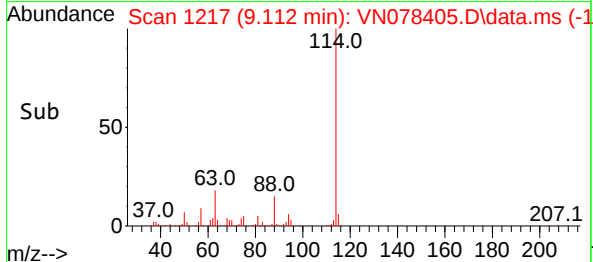
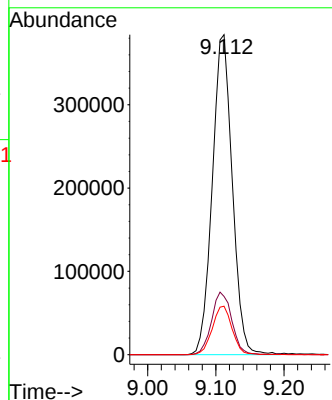
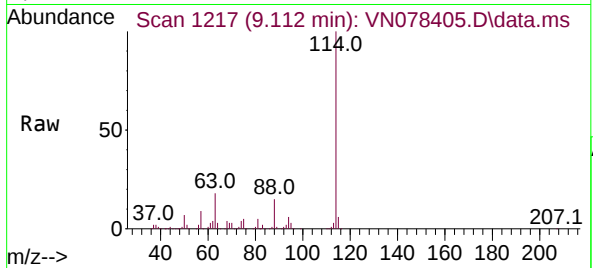




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078405.D
Acq: 26 Jun 2023 16:25

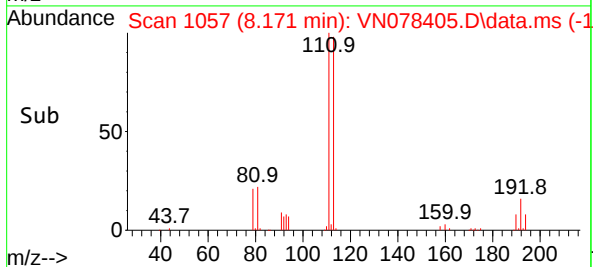
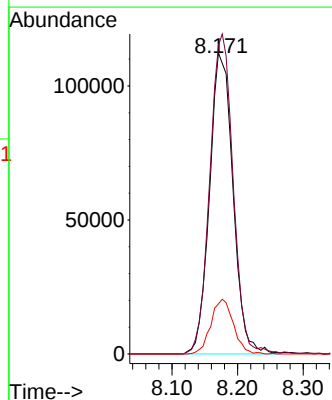
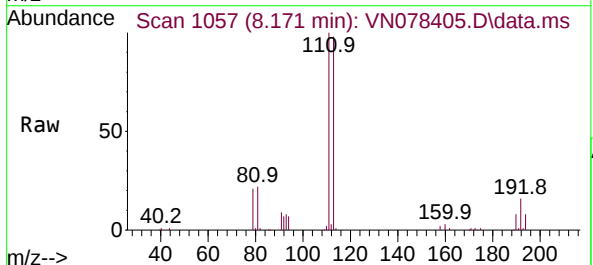
Instrument :
MSVOA_N
ClientSampleId :
TB-062123

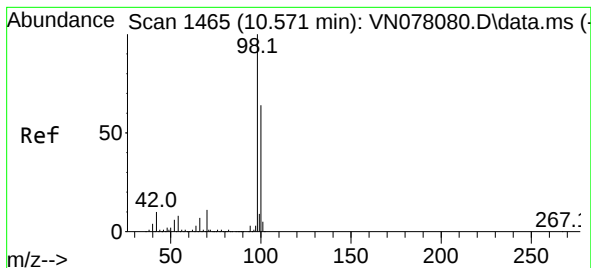
Tgt Ion:114 Resp: 783894
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.289 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078405.D
Acq: 26 Jun 2023 16:25

Tgt Ion:113 Resp: 278993
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.4 12.7 19.1





#50

Toluene-d8

Concen: 48.117 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN078405.D

Acq: 26 Jun 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

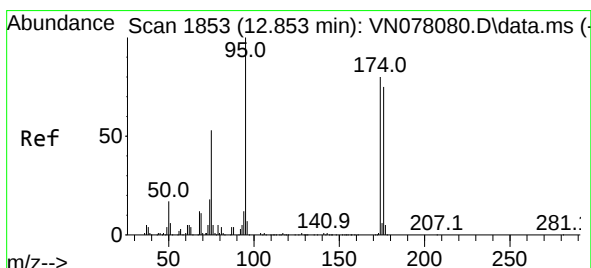
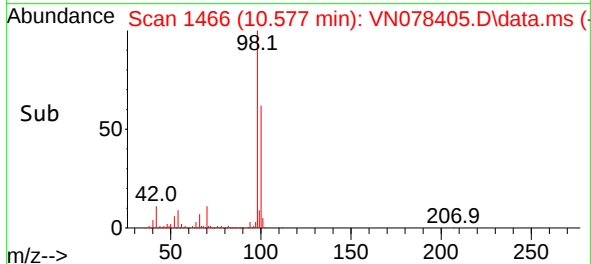
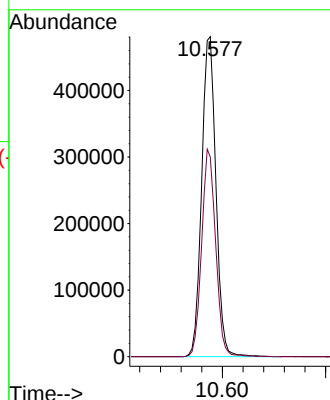
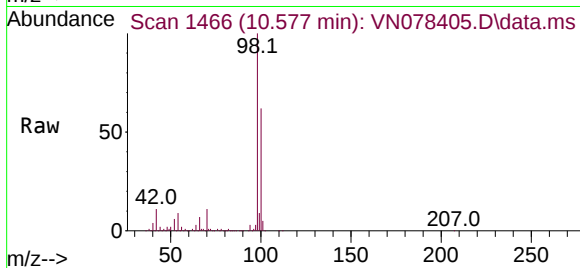
TB-062123

Tgt Ion: 98 Resp: 919407

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.531 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN078405.D

Acq: 26 Jun 2023 16:25

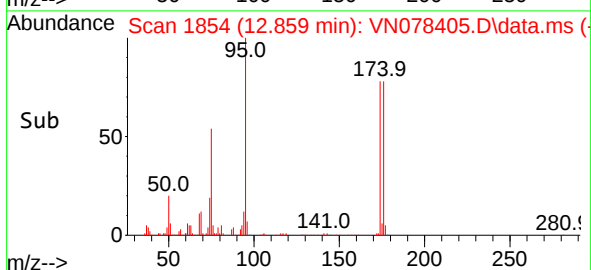
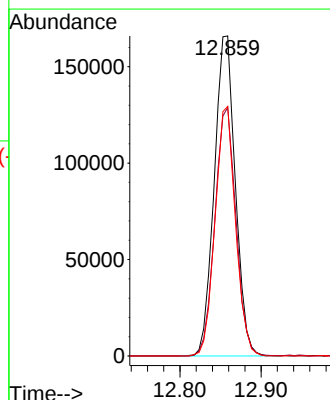
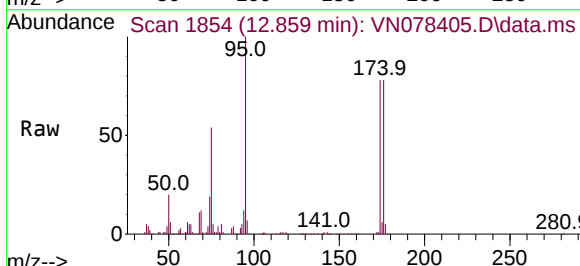
Tgt Ion: 95 Resp: 300157

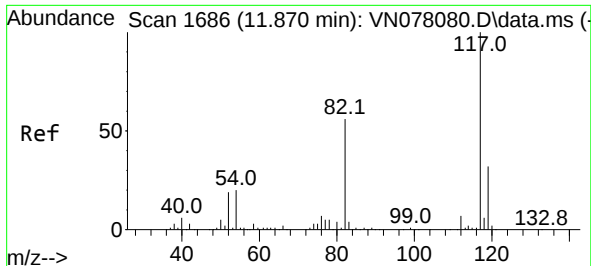
Ion Ratio Lower Upper

95 100

174 77.5 0.0 143.8

176 75.4 0.0 135.8

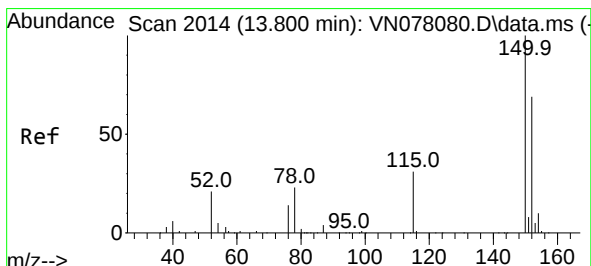
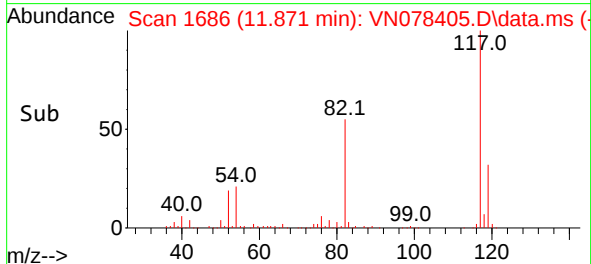
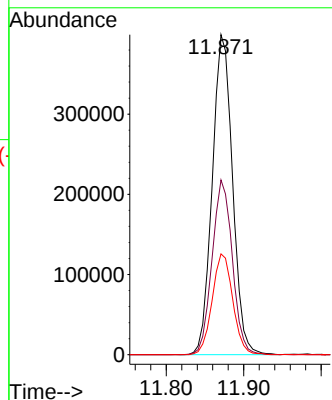
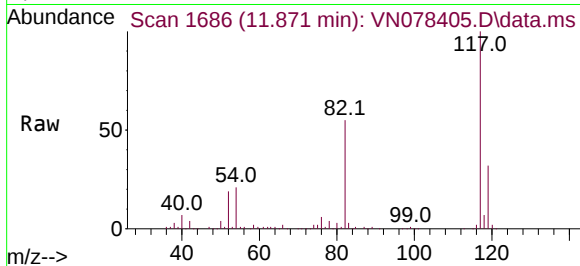




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078405.D
Acq: 26 Jun 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
TB-062123

Tgt Ion:117 Resp: 726329
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.5 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: VN078405.D
Acq: 26 Jun 2023 16:25

Tgt Ion:152 Resp: 238996
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 157.5 0.0 355.8

