

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080606.D
 Acq On : 29 Dec 2023 10:47
 Operator : JC\MD
 Sample : VN1229WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBL02

Quant Time: Dec 29 23:38:17 2023
 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	317367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	803739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	309991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189564	46.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.140%
35) Dibromofluoromethane	8.171	113	175228	43.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.760%
50) Toluene-d8	10.571	98	639073	45.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.853	95	279246	59.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.040%

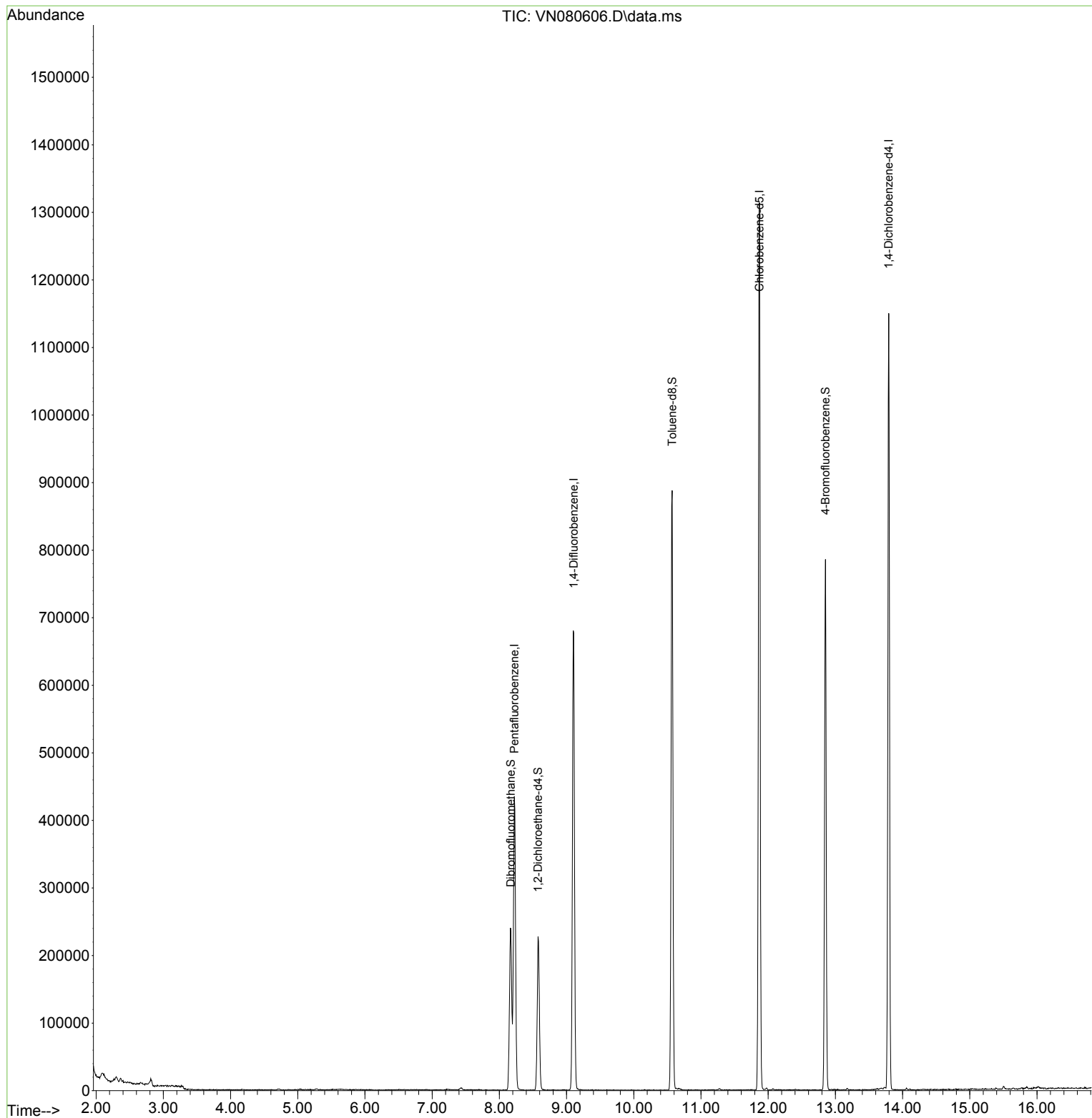
Target Compounds	Qvalue

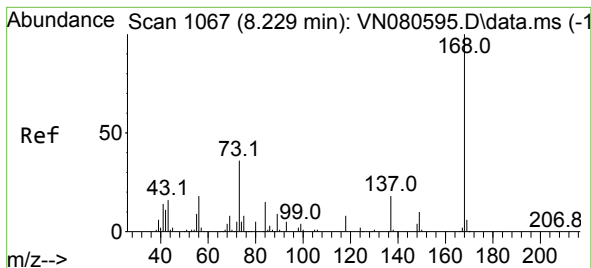
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN080606.D

Acq: 29 Dec 2023 10:47

Instrument :

MSVOA_N

ClientSampleId :

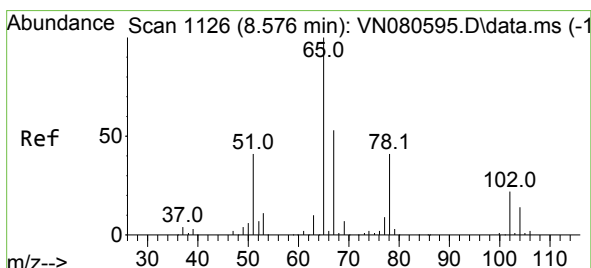
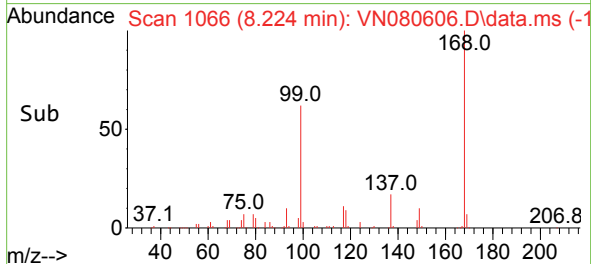
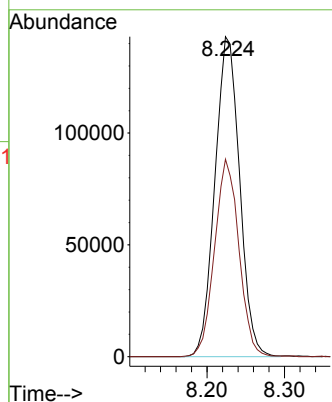
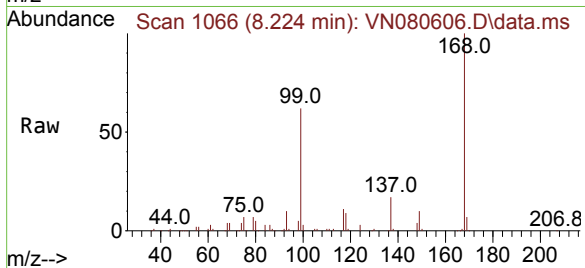
VN1229WBL02

Tgt Ion:168 Resp: 317367

Ion Ratio Lower Upper

168 100

99 61.7 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 46.565 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080606.D

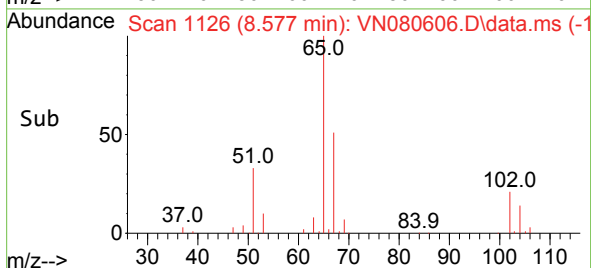
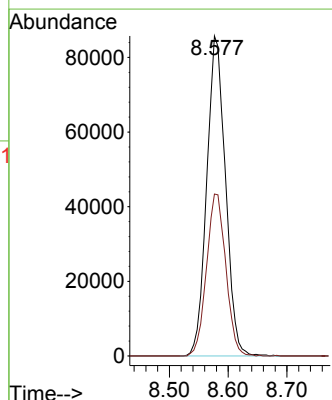
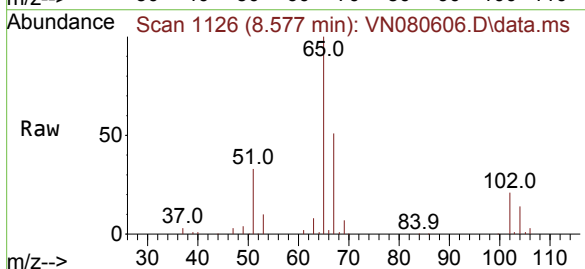
Acq: 29 Dec 2023 10:47

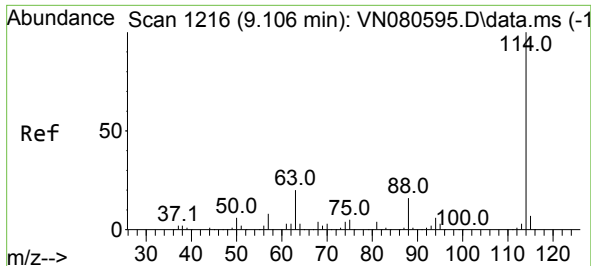
Tgt Ion: 65 Resp: 189564

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6

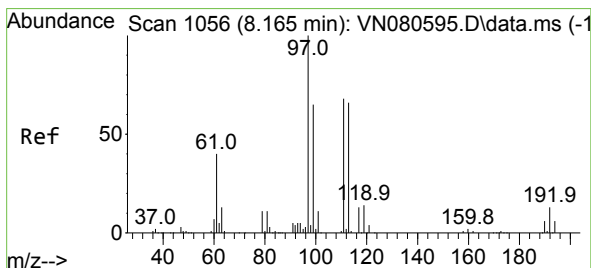
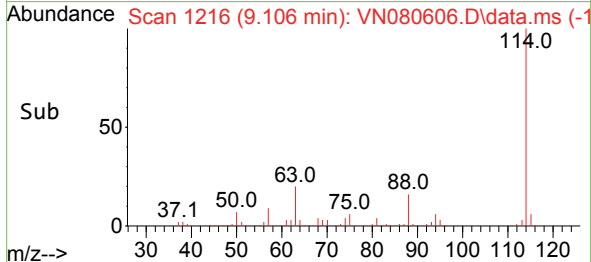
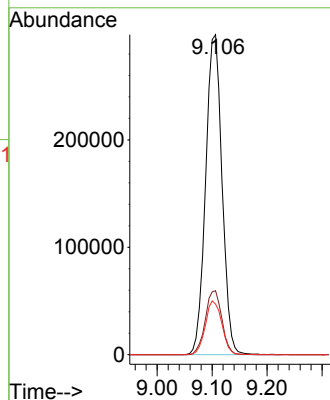
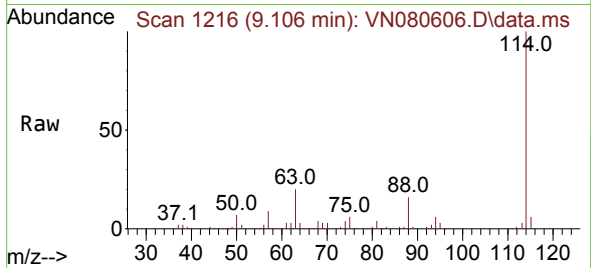




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN080606.D
 Acq: 29 Dec 2023 10:47

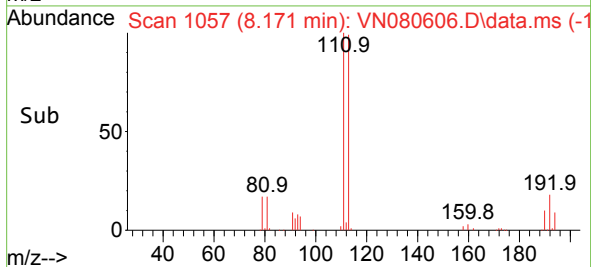
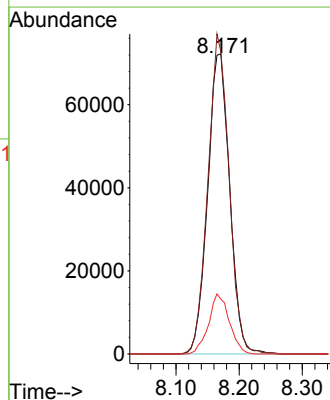
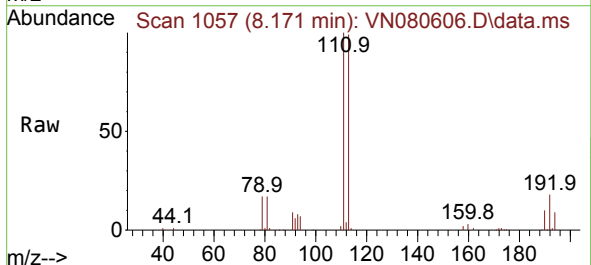
Instrument :
 MSVOA_N
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 VN1229WBL02

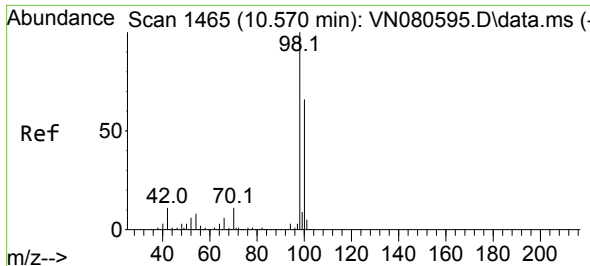
Tgt Ion:114 Resp: 617379
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.4
 88 15.8 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 43.885 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN080606.D
 Acq: 29 Dec 2023 10:47

Tgt Ion:113 Resp: 175228
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 123.8
 192 18.8 12.7 19.1

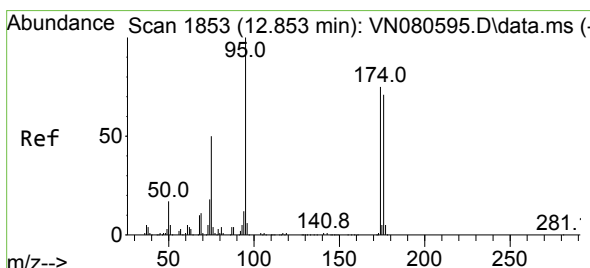
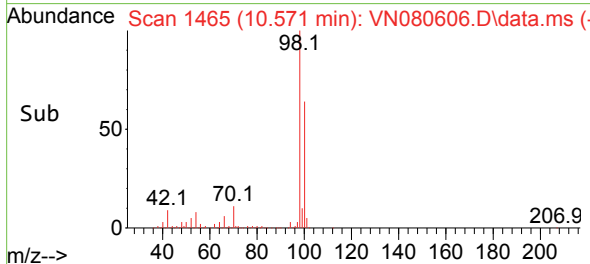
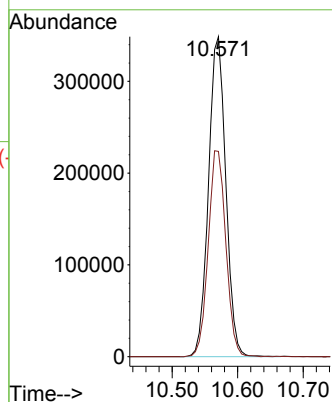
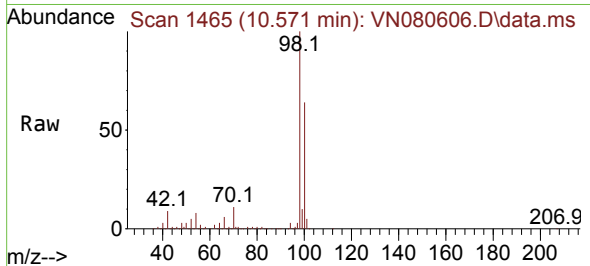




#50
Toluene-d8
Concen: 45.840 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080606.D
Acq: 29 Dec 2023 10:47

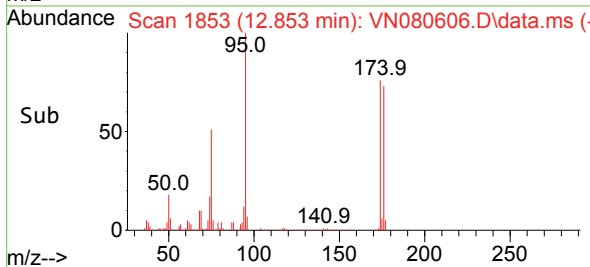
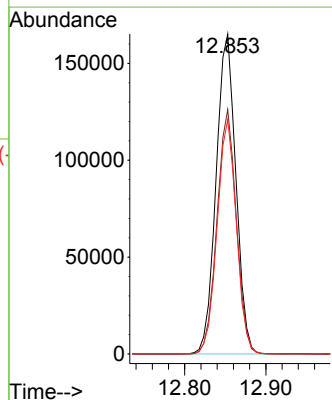
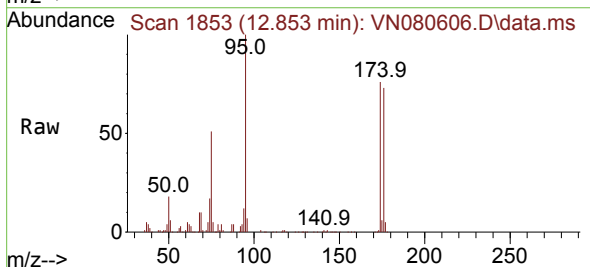
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL02

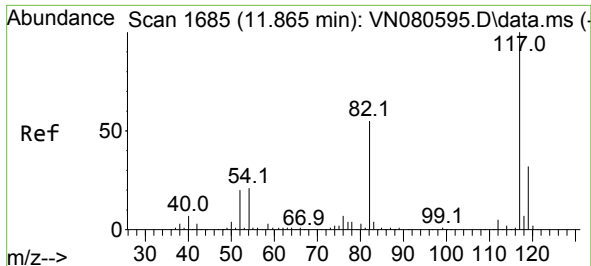
Tgt Ion: 98 Resp: 639073
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080606.D
Acq: 29 Dec 2023 10:47

Tgt Ion: 95 Resp: 279246
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.1 0.0 135.8

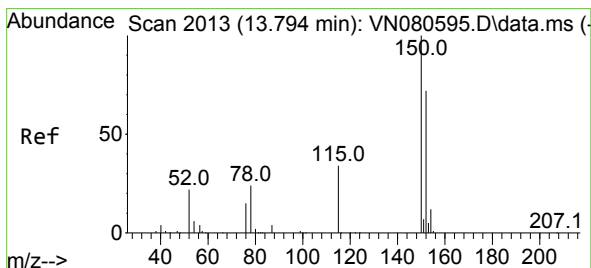
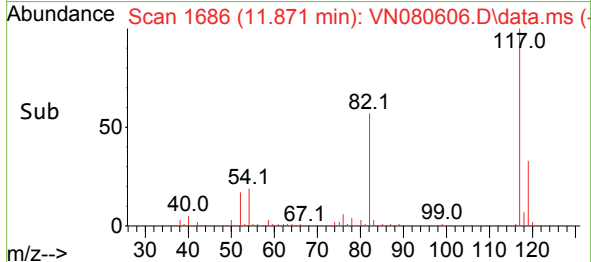
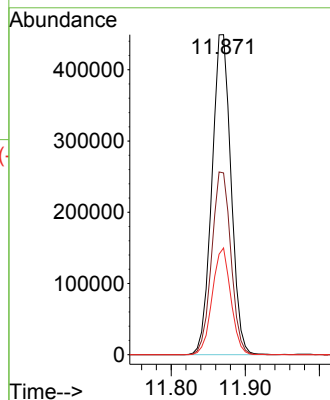
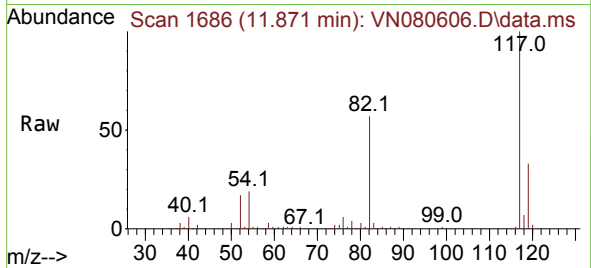




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080606.D
Acq: 29 Dec 2023 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL02

Tgt Ion:117 Resp: 803739
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 33.3 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: VN080606.D
Acq: 29 Dec 2023 10:47

Tgt Ion:152 Resp: 309991
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 158.9 0.0 355.8

