

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078888.D
 Acq On : 15 Aug 2023 13:50
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 16 02:55:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	116700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	216127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	197137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	54969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	93013	51.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.440%
35) Dibromofluoromethane	8.171	113	74294	51.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.140%
50) Toluene-d8	10.571	98	271479	50.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.853	95	77521	43.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.800%

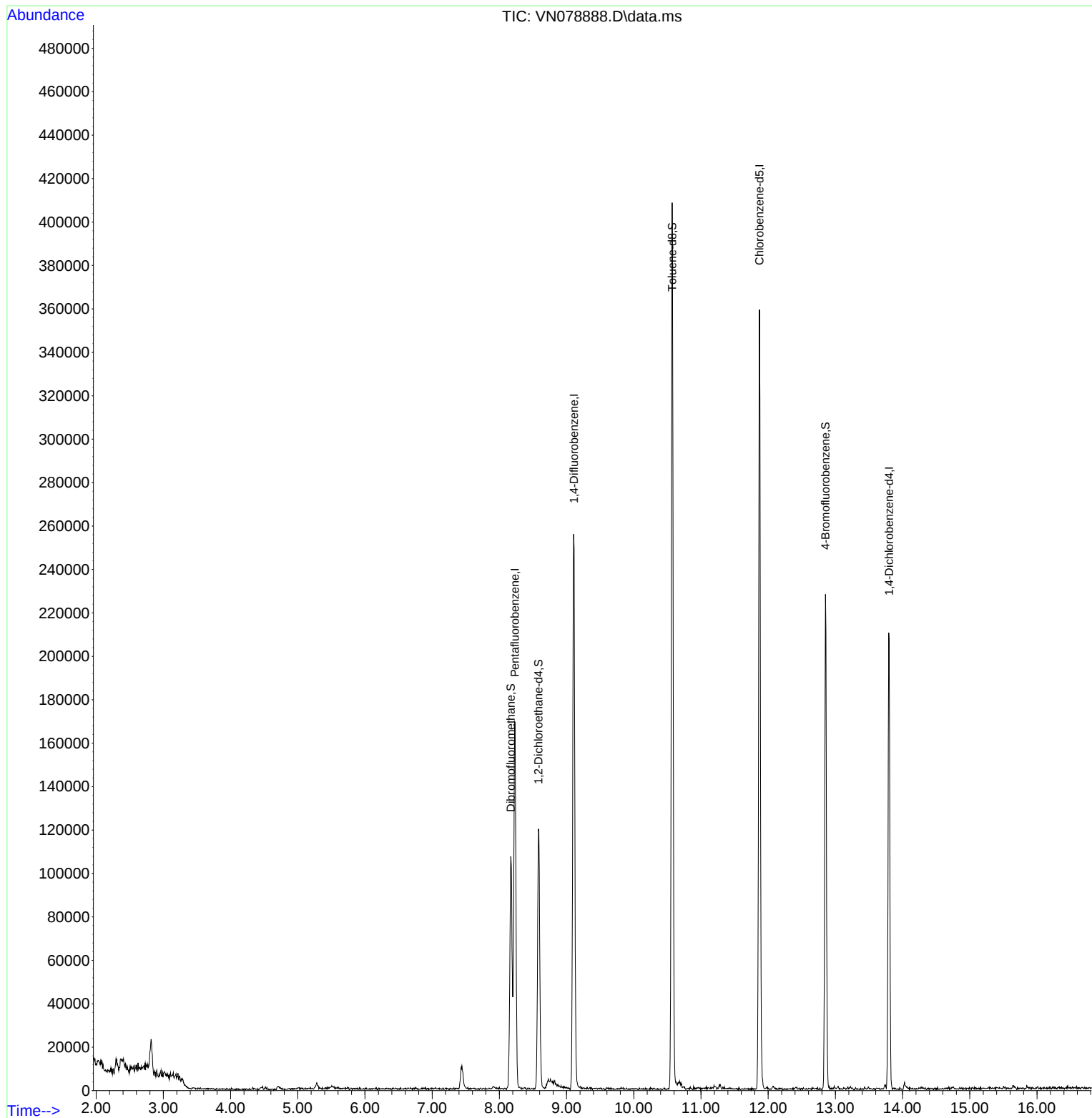
Target Compounds	Qvalue

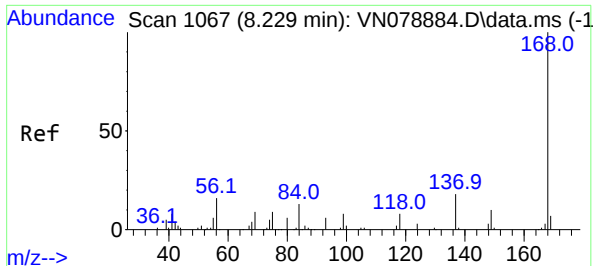
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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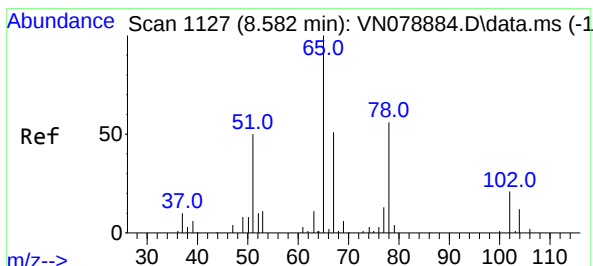
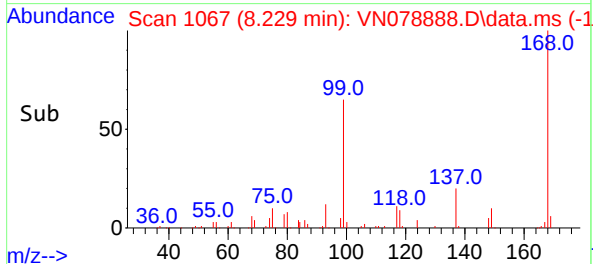
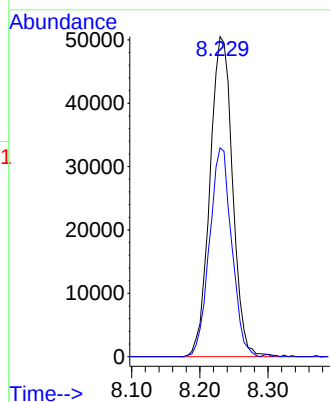
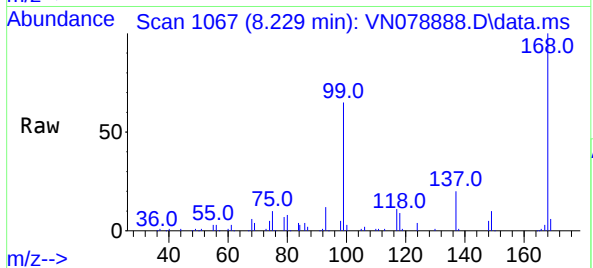




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

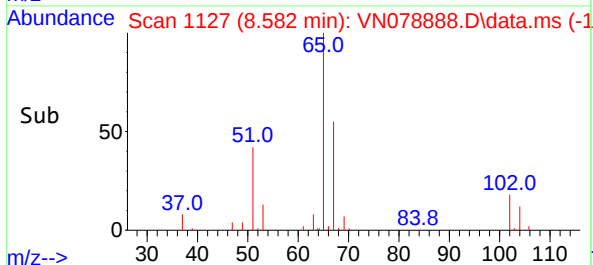
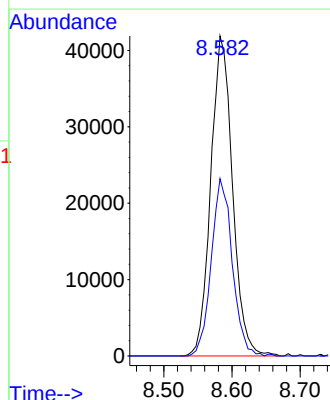
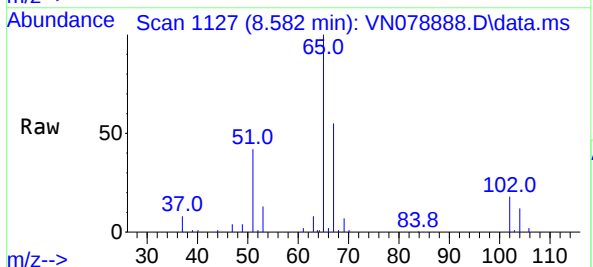
Instrument :
MSVOA_N
ClientSampleId :
IBLK

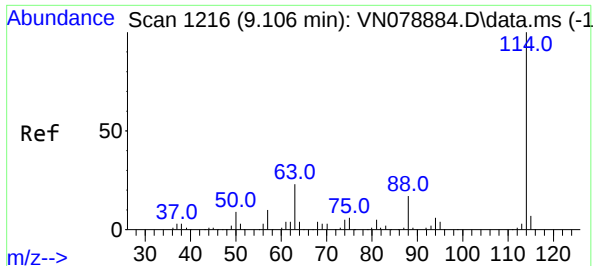
Tgt Ion:168 Resp: 116700
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.220 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 65 Resp: 93013
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

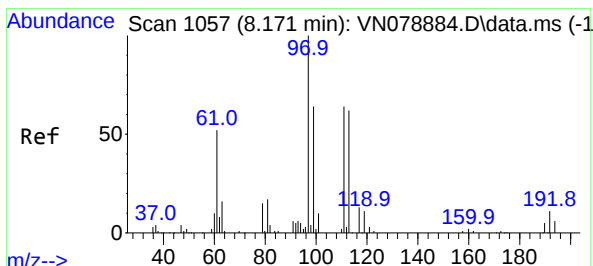
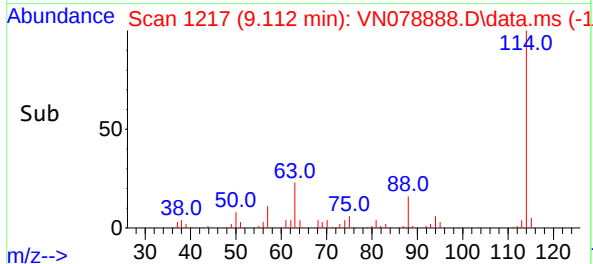
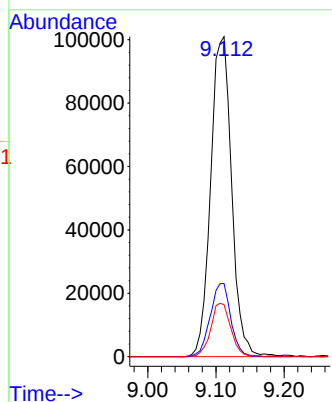
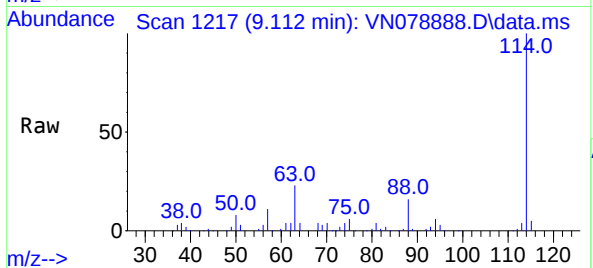




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

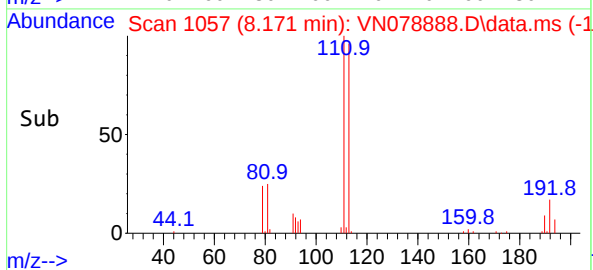
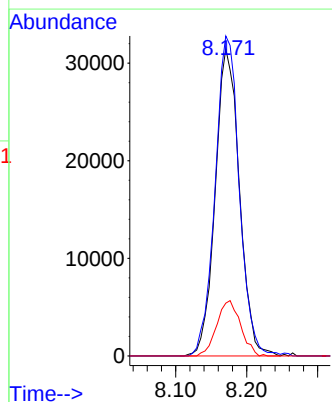
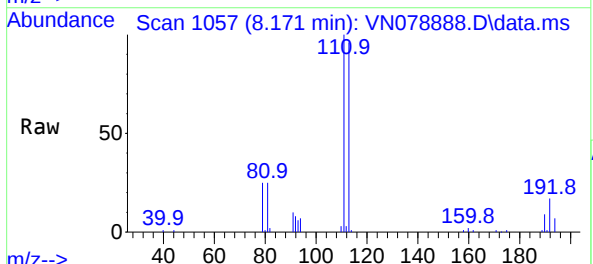
Instrument :
MSVOA_N
ClientSampleId :
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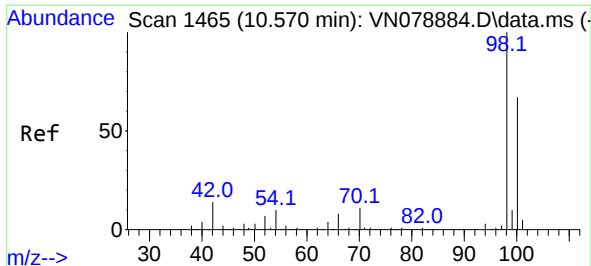
Tgt Ion:114 Resp: 216127
Ion Ratio Lower Upper
114 100
63 22.9 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.066 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

Tgt Ion:113 Resp: 74294
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 17.8 12.7 19.1

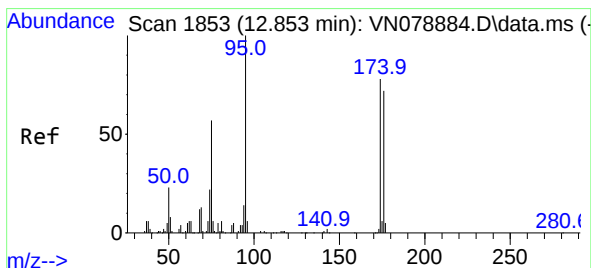
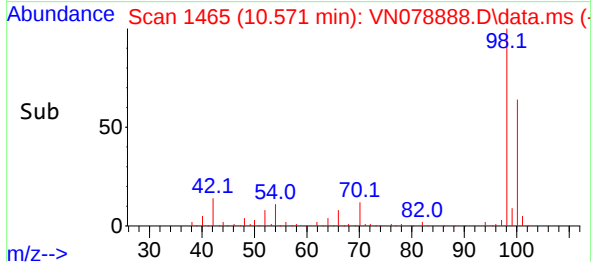
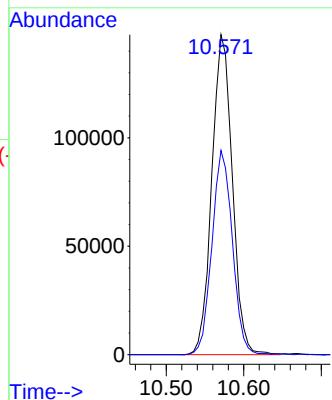
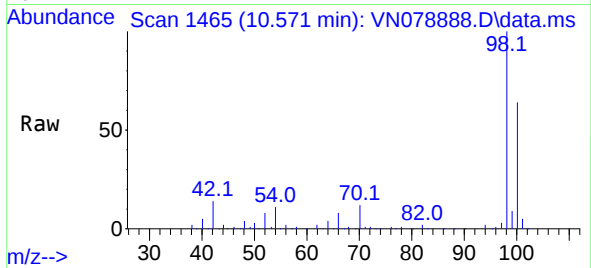




#50
Toluene-d8
Concen: 50.255 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

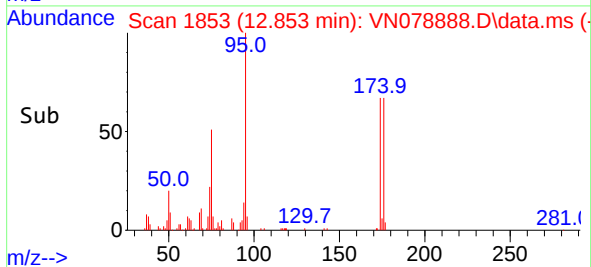
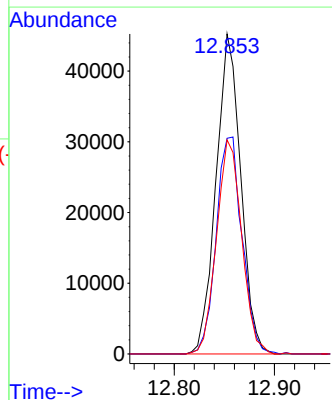
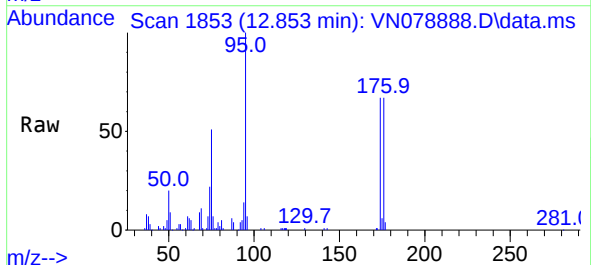
Instrument :
MSVOA_N
ClientSampleId :
IBLK

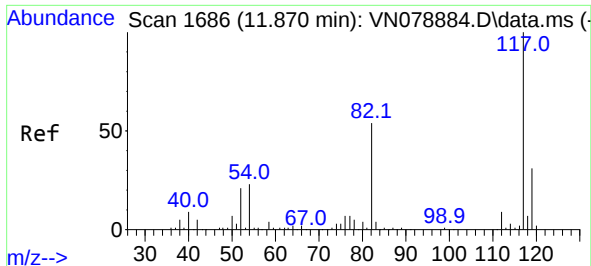
Tgt Ion: 98 Resp: 271479
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 95 Resp: 77521
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.0 0.0 135.8

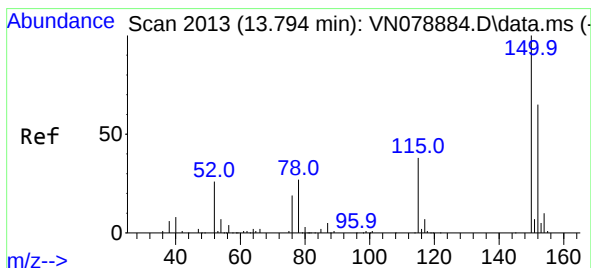
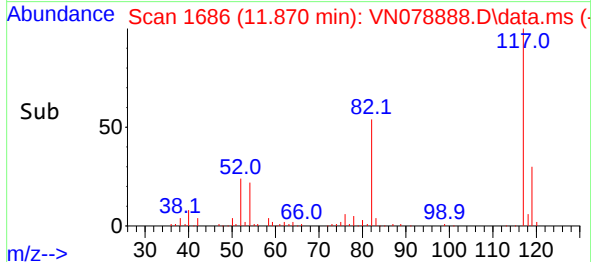
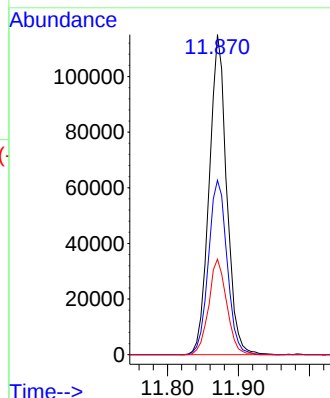
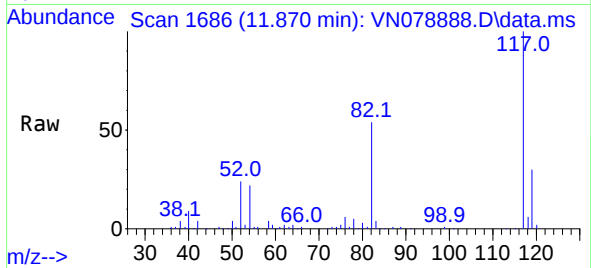




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 197137
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 29.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN078888.D
Acq: 15 Aug 2023 13:50

Tgt Ion:152 Resp: 54969
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 153.8 0.0 355.8

