

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078598.D
 Acq On : 20 Jul 2023 17:10
 Operator : JC\MD
 Sample : 03706-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02

Quant Time: Jul 21 06:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	417941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	701439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	266047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276647	49.375	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.760%
35) Dibromofluoromethane	8.177	113	281278	55.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.600%
50) Toluene-d8	10.571	98	894196	46.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.853	95	318942	53.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.780%

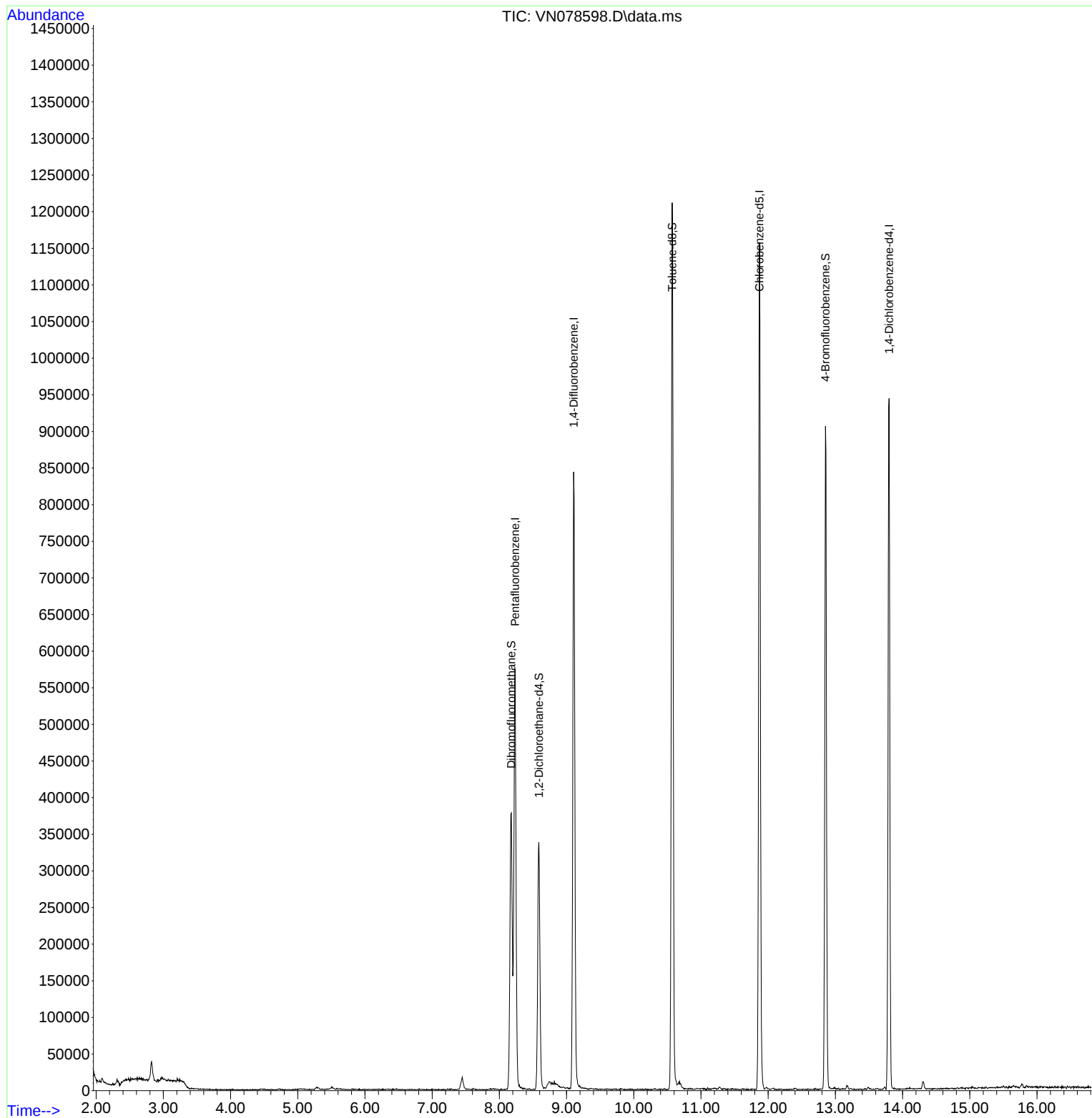
Target Compounds	Qvalue

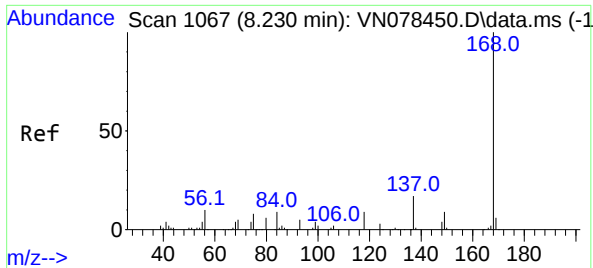
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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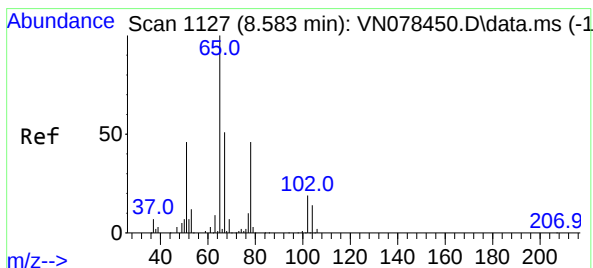
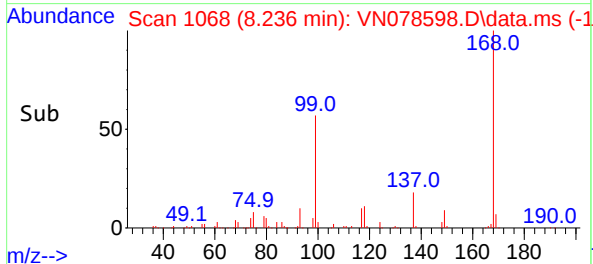
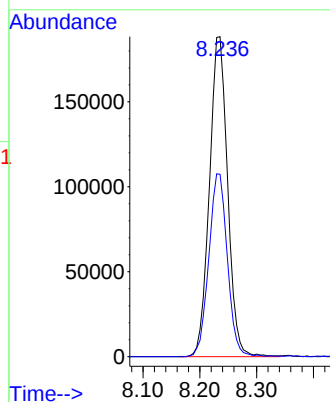
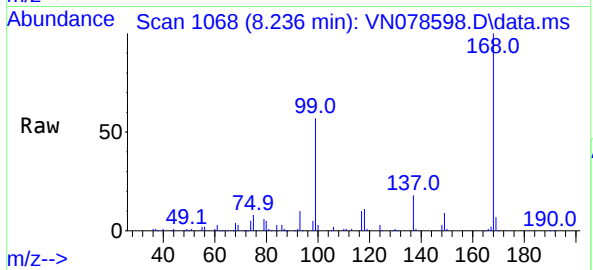




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

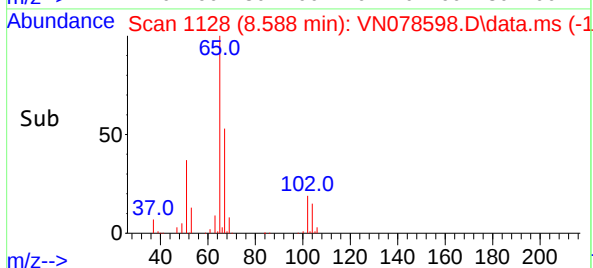
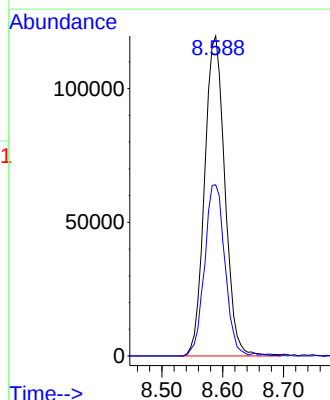
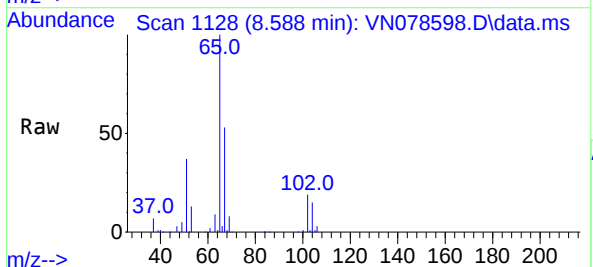
Instrument :
MSVOA_N
ClientSampleId :
FB02

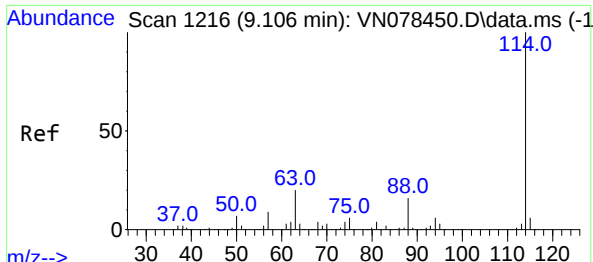
Tgt Ion:168 Resp: 417941
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.375 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

Tgt Ion: 65 Resp: 276647
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6



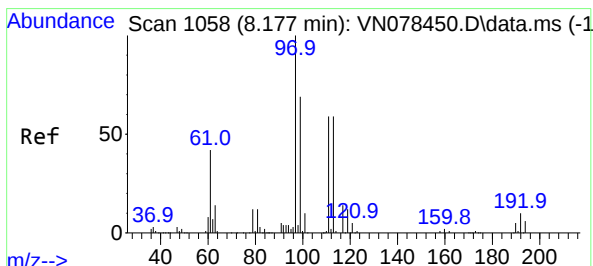
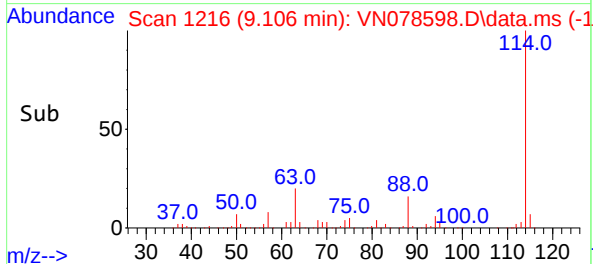
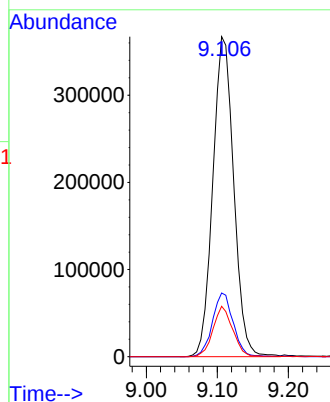
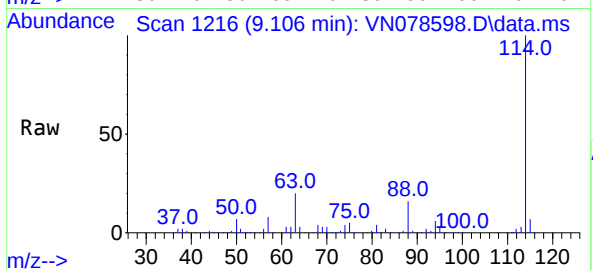


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
FB02

Tgt Ion:114 Resp: 749259

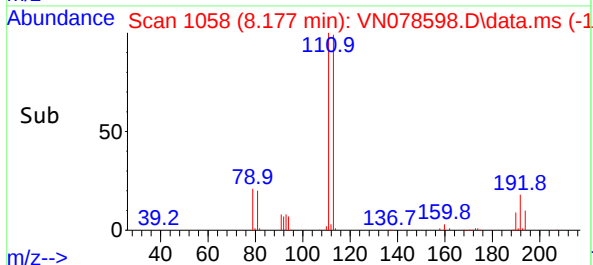
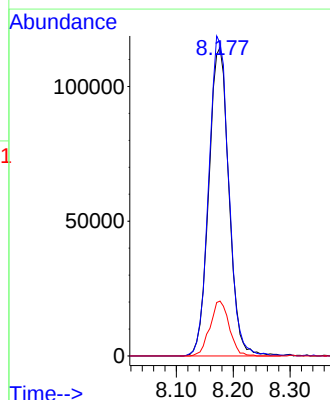
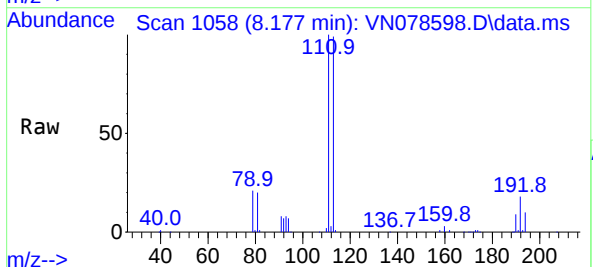
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.4
88	15.8	0.0	30.6

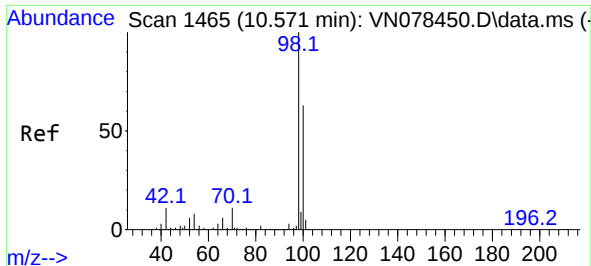


#35
Dibromofluoromethane
Concen: 55.302 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

Tgt Ion:113 Resp: 281278

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	17.0	12.7	19.1

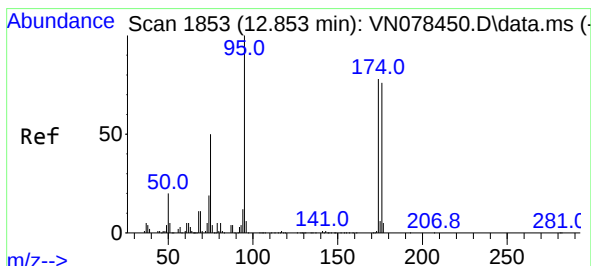
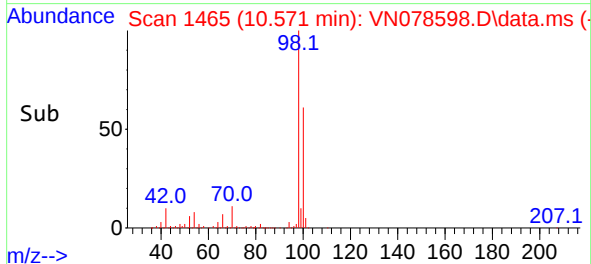
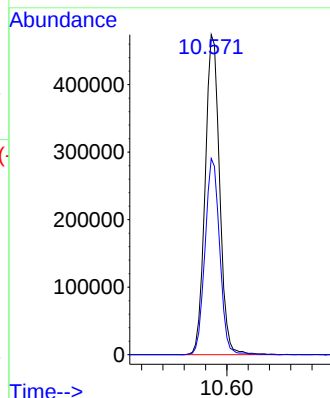
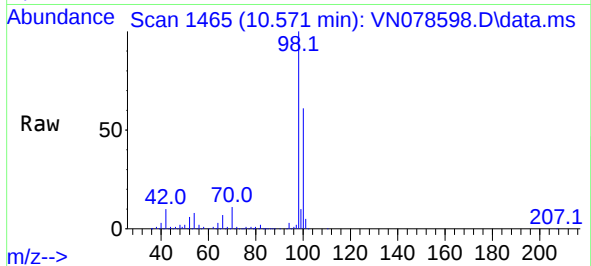




#50
Toluene-d8
Concen: 46.538 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

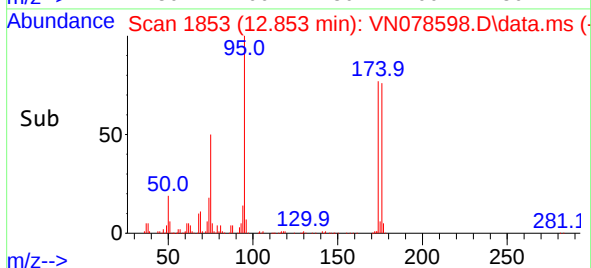
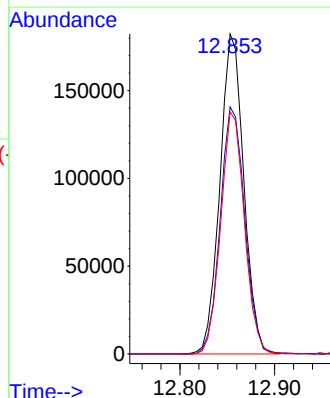
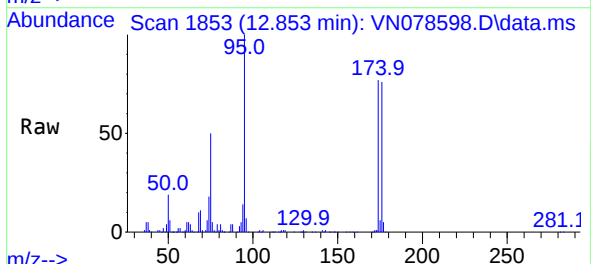
Instrument :
MSVOA_N
ClientSampleId :
FB02

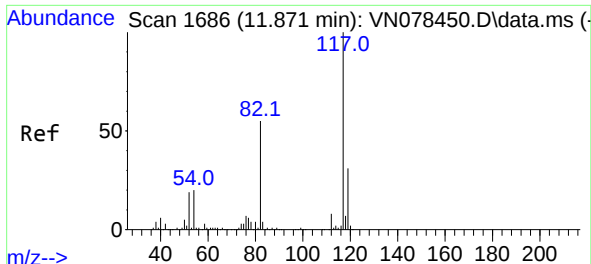
Tgt Ion: 98 Resp: 894196
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

Tgt Ion: 95 Resp: 318942
Ion Ratio Lower Upper
95 100
174 79.5 0.0 143.8
176 75.0 0.0 135.8

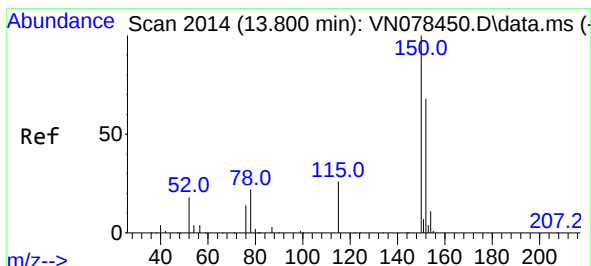
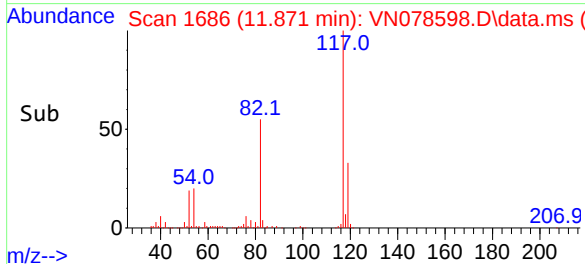
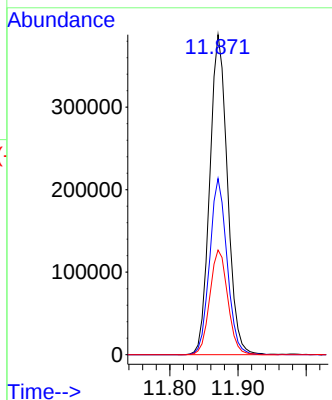
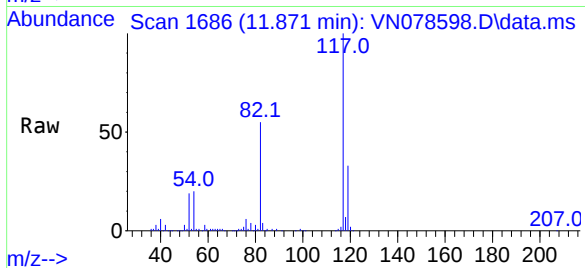




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078598.D
Acq: 20 Jul 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
FB02

Tgt Ion:117 Resp: 701439
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.7 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: VN078598.D
Acq: 20 Jul 2023 17:10

Tgt Ion:152 Resp: 266047
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 157.7 0.0 355.8

