

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078442.D
 Acq On : 28 Jun 2023 15:30
 Operator : JC\MD
 Sample : 03310-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-TB-20230609RE

Quant Time: Jun 29 05:21:52 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	439821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	813966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	729391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	302159	51.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.060%
35) Dibromofluoromethane	8.177	113	292780	56.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.780%
50) Toluene-d8	10.576	98	936630	47.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.853	95	312206	50.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.240%

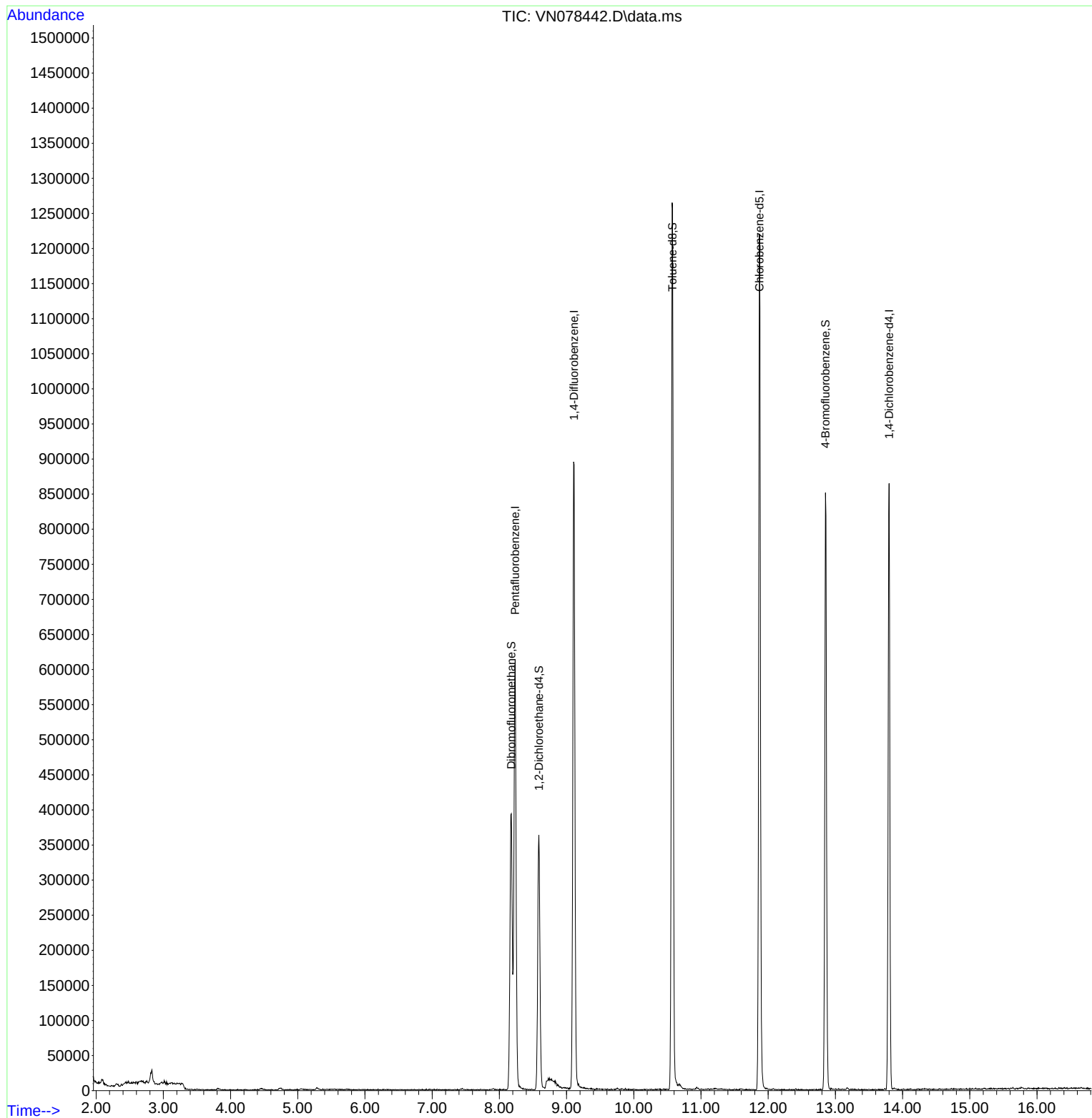
Target Compounds	Qvalue

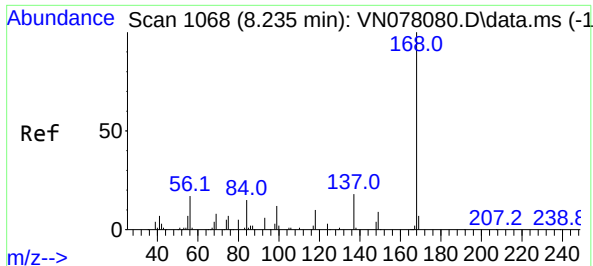
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.000 min

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MSVOA_N

ClientSampleId :

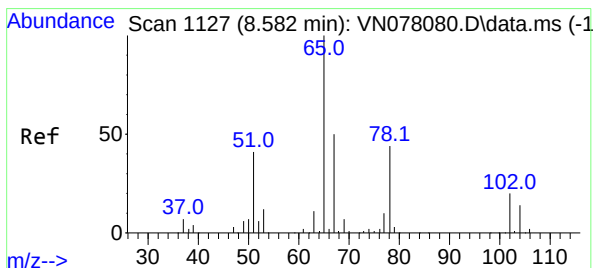
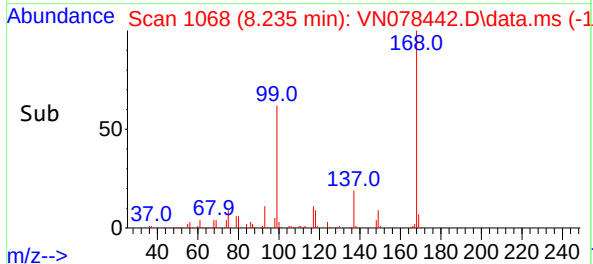
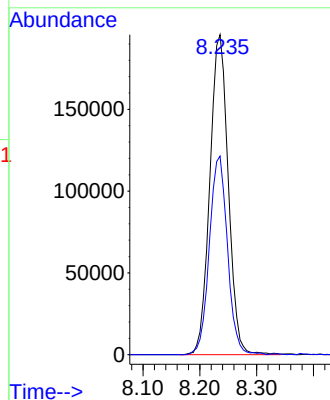
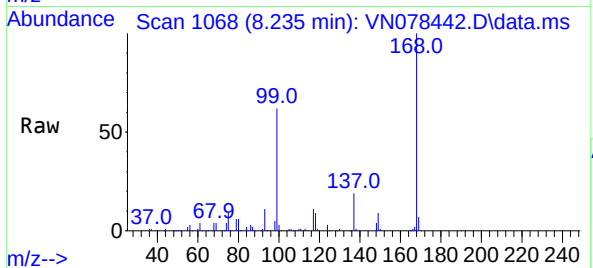
BP-VPB-RW5-TB-20230609RE

Tgt Ion:168 Resp: 439821

Ion Ratio Lower Upper

168 100

99 62.0 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 51.526 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078442.D

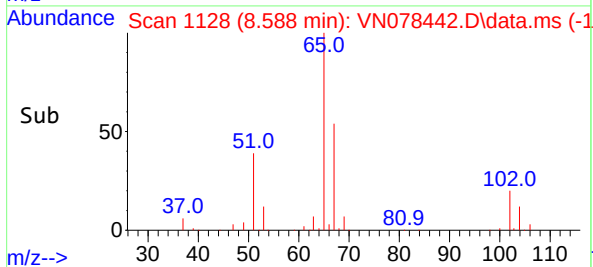
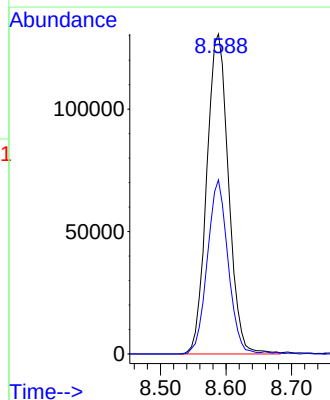
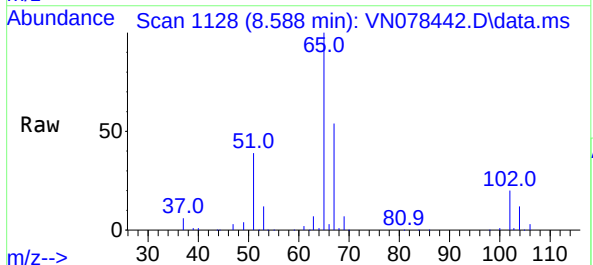
Acq: 28 Jun 2023 15:30

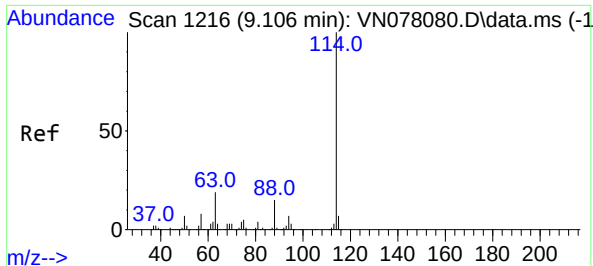
Tgt Ion: 65 Resp: 302159

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6

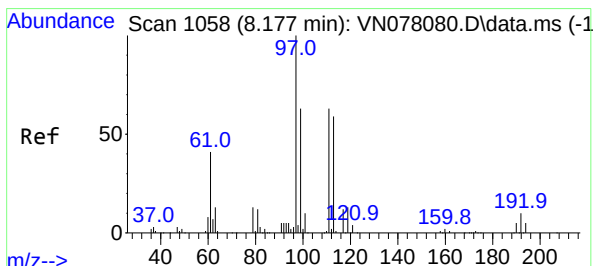
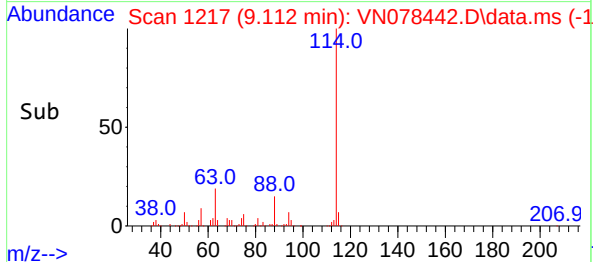
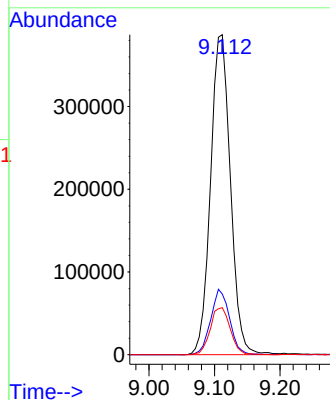
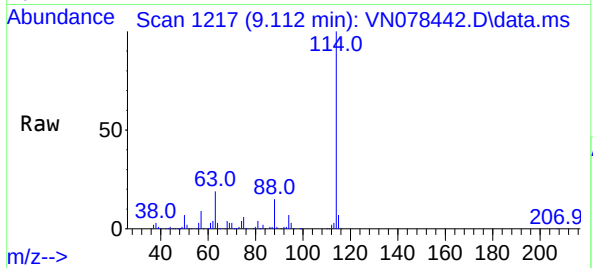




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078442.D
Acq: 28 Jun 2023 15:30

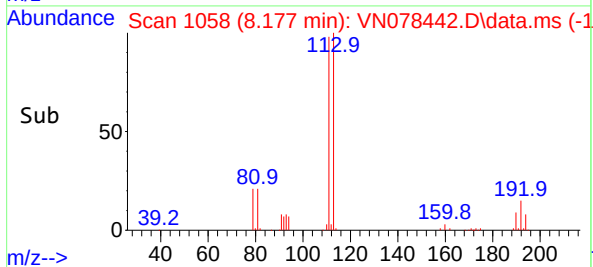
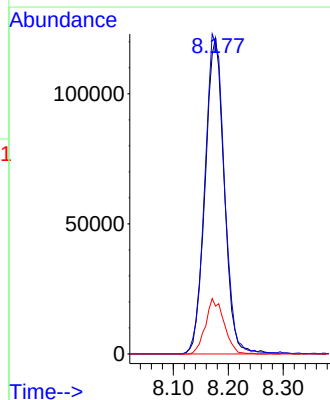
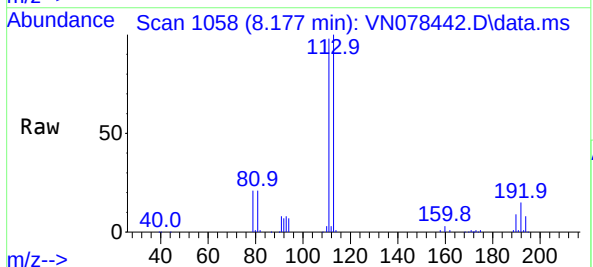
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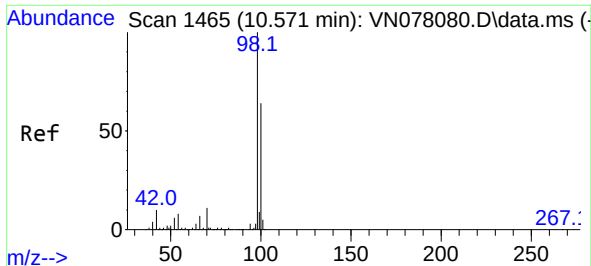
Tgt Ion:114 Resp: 813966
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.888 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078442.D
Acq: 28 Jun 2023 15:30

Tgt Ion:113 Resp: 292780
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.1 12.7 19.1

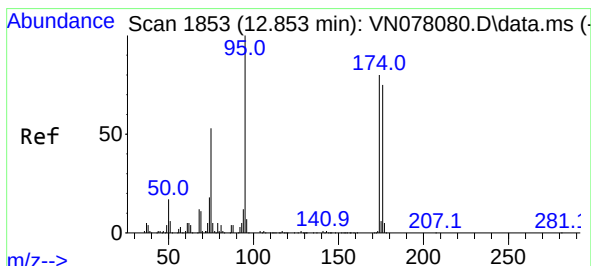
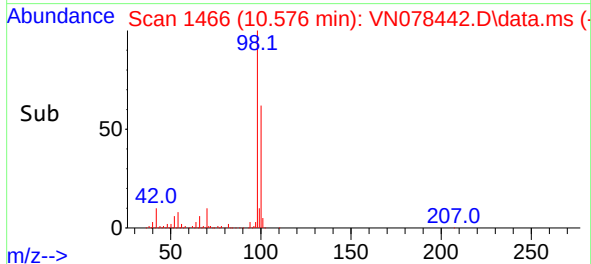
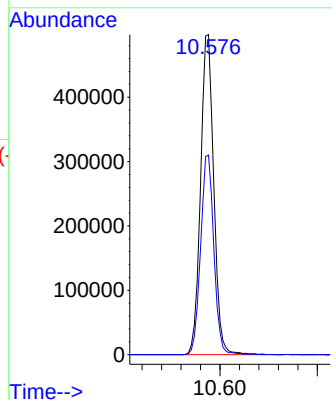
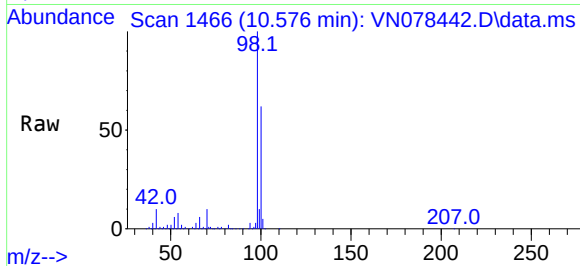




#50
Toluene-d8
Concen: 47.208 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078442.D
Acq: 28 Jun 2023 15:30

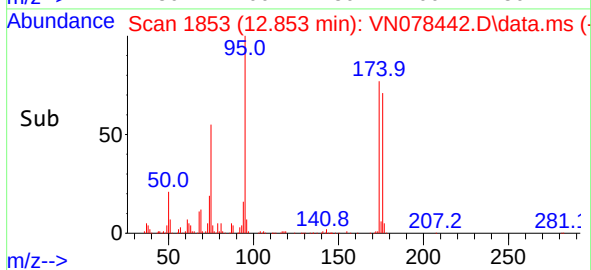
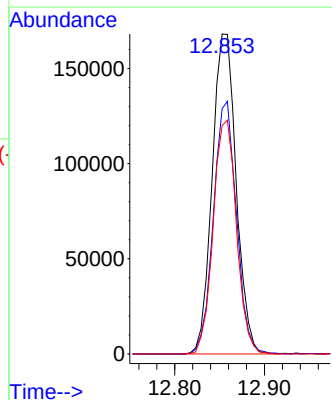
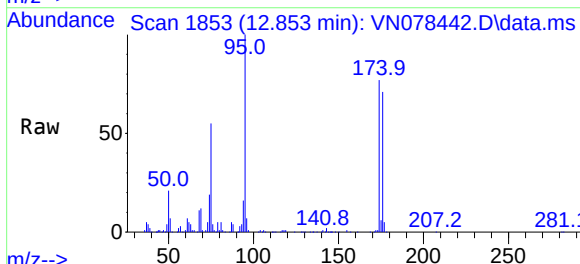
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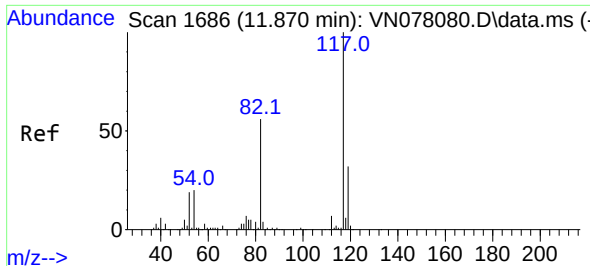
Tgt Ion: 98 Resp: 936630
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.617 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078442.D
Acq: 28 Jun 2023 15:30

Tgt Ion: 95 Resp: 312206
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 70.7 0.0 135.8

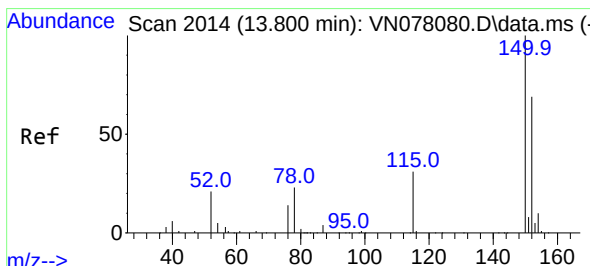
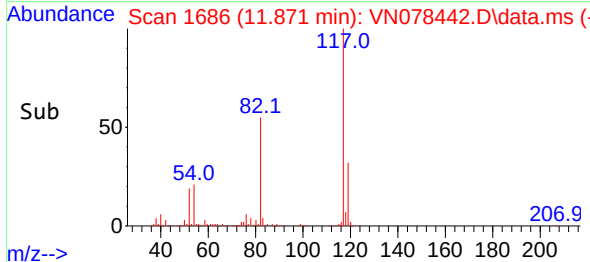
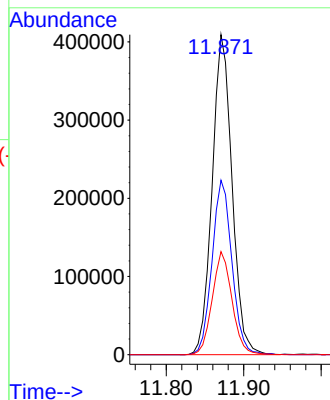
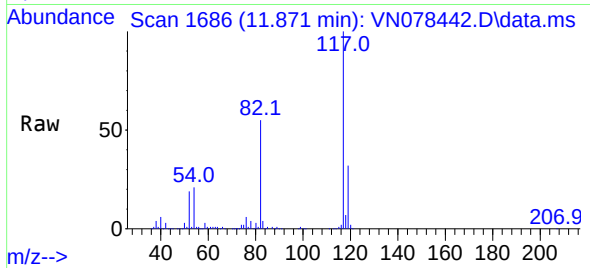




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078442.D
Acq: 28 Jun 2023 15:30

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20230609RE

Tgt Ion:	117	Resp:	729391
Ion	Ratio	Lower	Upper
117	100		
82	54.5	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: VN078442.D
Acq: 28 Jun 2023 15:30

Tgt Ion:	152	Resp:	238732
Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.3	96.8
150	157.1	0.0	355.8

