

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078143.D
 Acq On : 09 Jun 2023 14:11
 Operator : JC\MD
 Sample : 03123-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-718-720

Quant Time: Jun 09 23:07:56 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	8.230	168	416697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	768570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	675607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	294463	53.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.000%
35) Dibromofluoromethane	8.177	113	256801	52.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.680%
50) Toluene-d8	10.571	98	923214	49.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.853	95	281861	48.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.800%

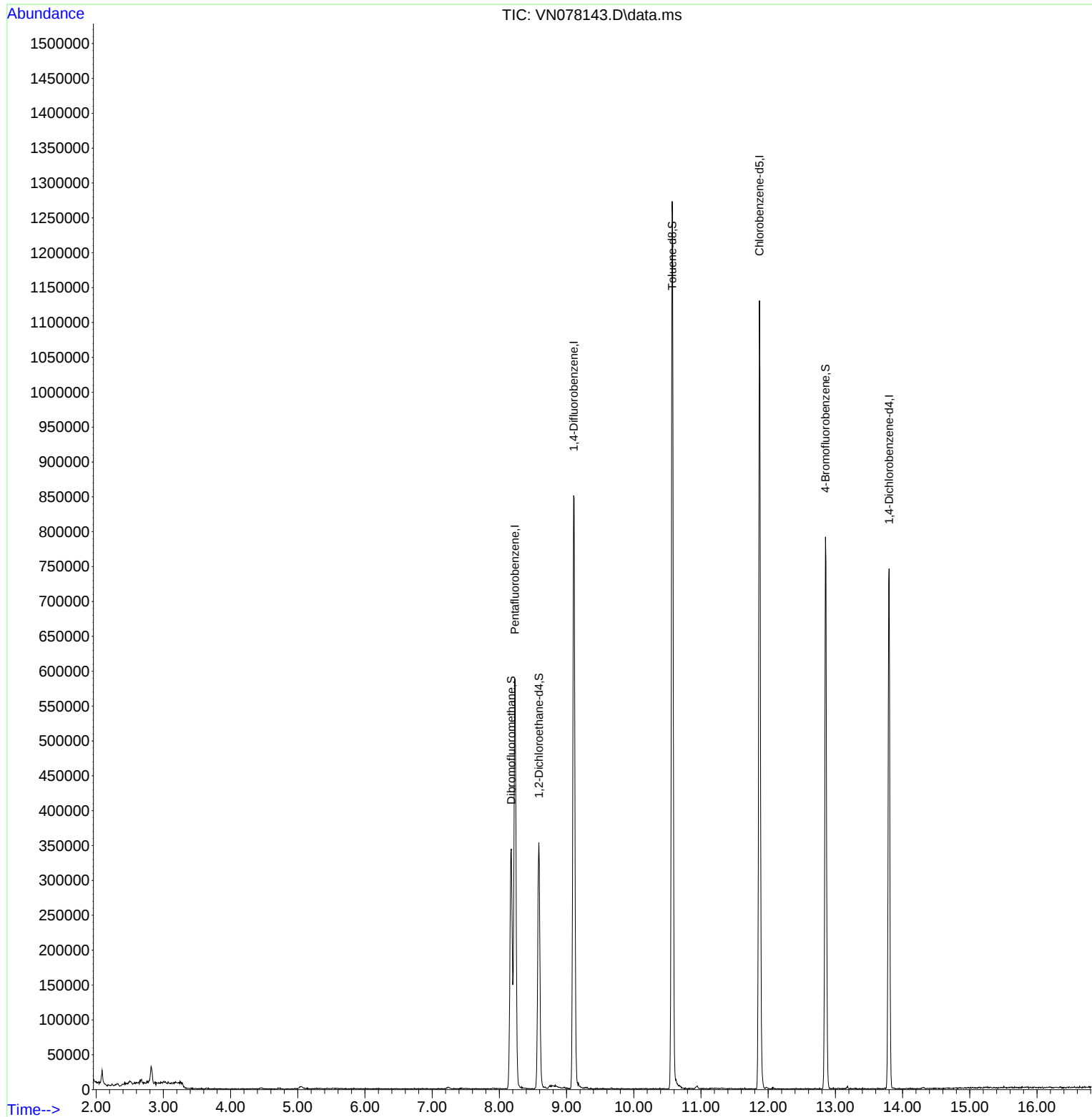
Target Compounds	Qvalue

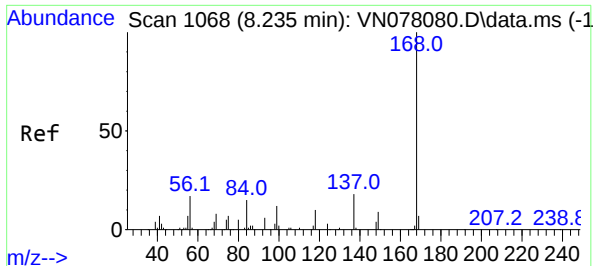
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.005 min

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Instrument :

MSVOA_N

ClientSampleId :

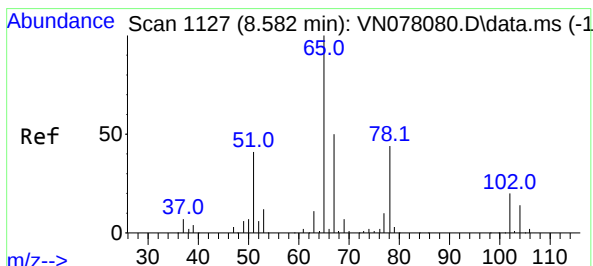
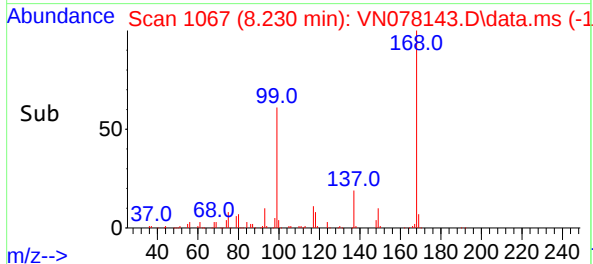
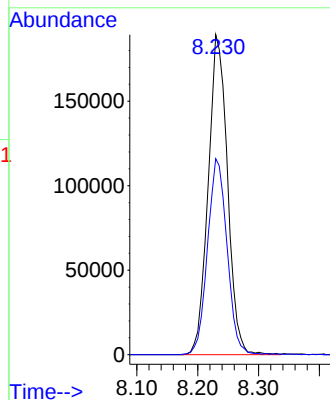
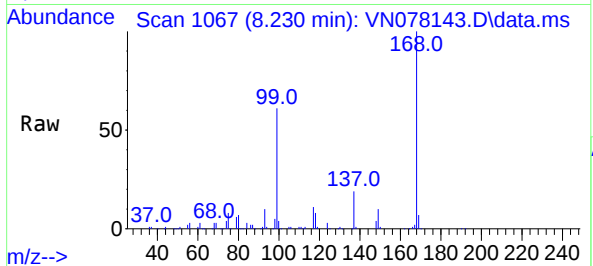
BP-VPB-RW11-GW-718-720

Tgt Ion:168 Resp: 416697

Ion Ratio Lower Upper

168 100

99 61.3 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 53.001 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078143.D

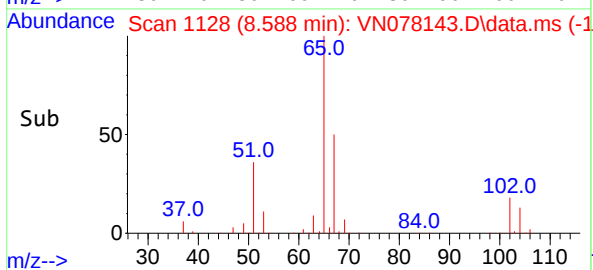
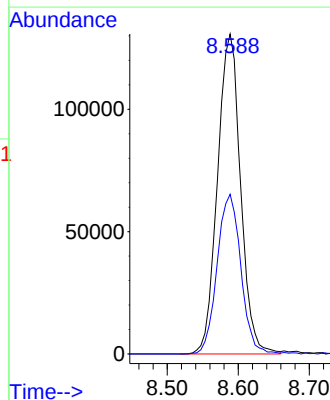
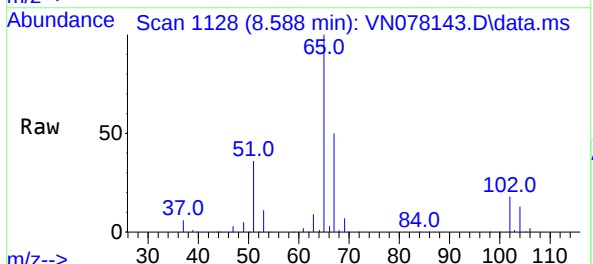
Acq: 09 Jun 2023 14:11

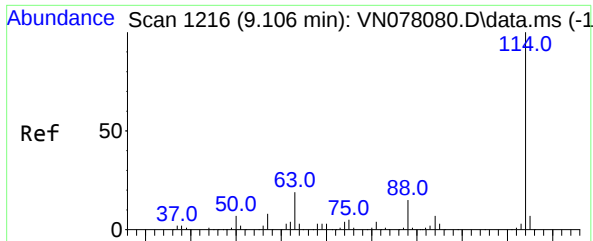
Tgt Ion: 65 Resp: 294463

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



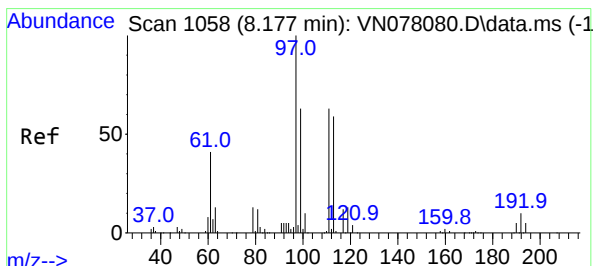
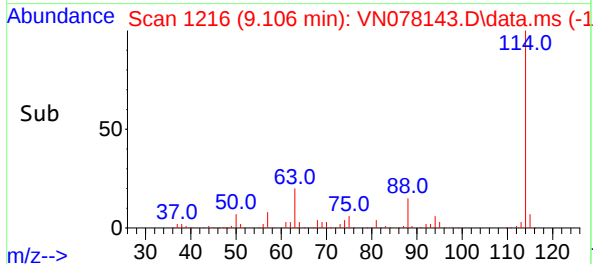
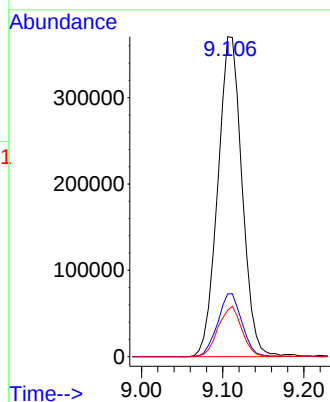
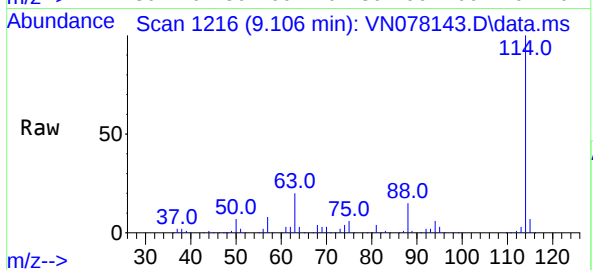


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078143.D
Acq: 09 Jun 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-718-720

Tgt Ion:114 Resp: 768570

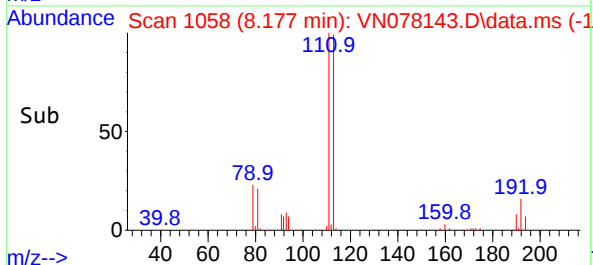
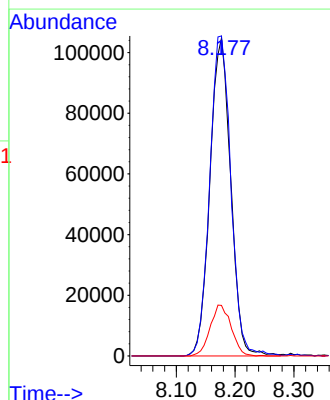
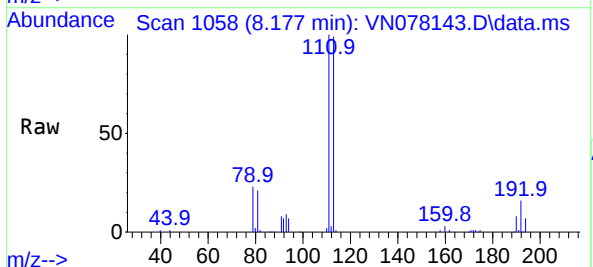
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	36.4
88	14.6	0.0	30.6

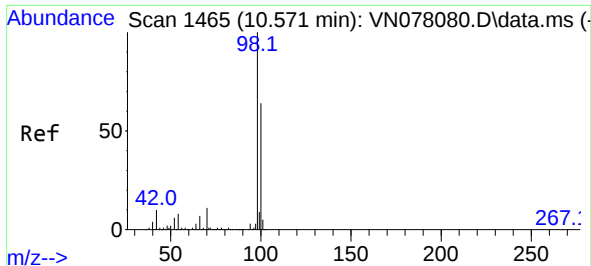


#35
Dibromofluoromethane
Concen: 52.844 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078143.D
Acq: 09 Jun 2023 14:11

Tgt Ion:113 Resp: 256801

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	16.2	12.7	19.1

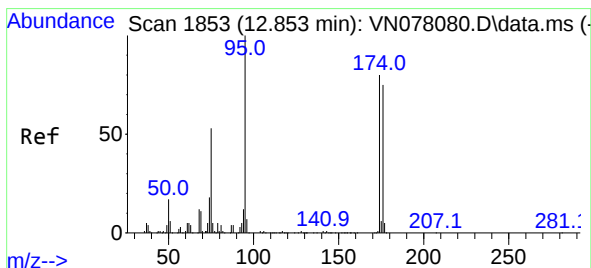
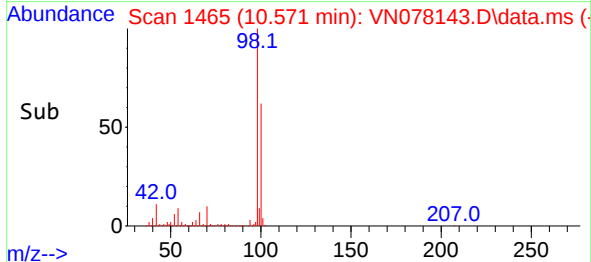
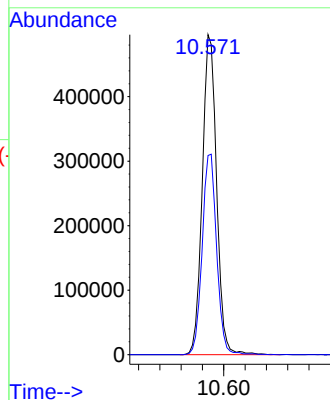
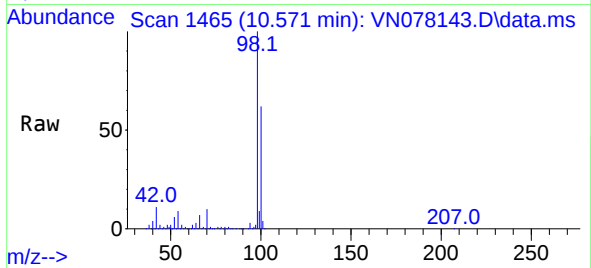




#50
Toluene-d8
Concen: 49.280 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078143.D
Acq: 09 Jun 2023 14:11

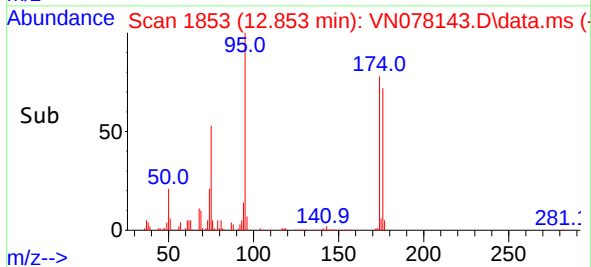
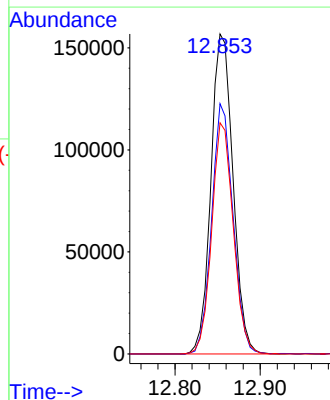
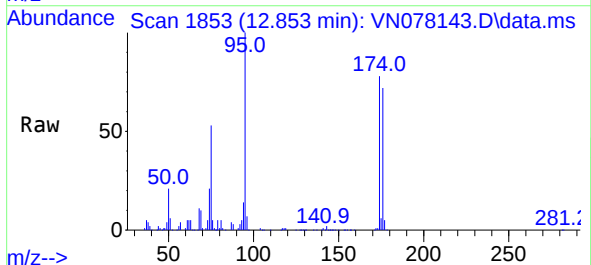
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-718-720

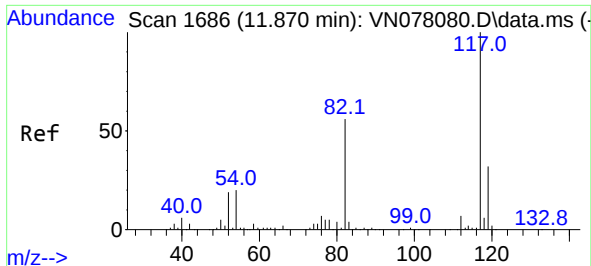
Tgt Ion: 98 Resp: 923214
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.397 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078143.D
Acq: 09 Jun 2023 14:11

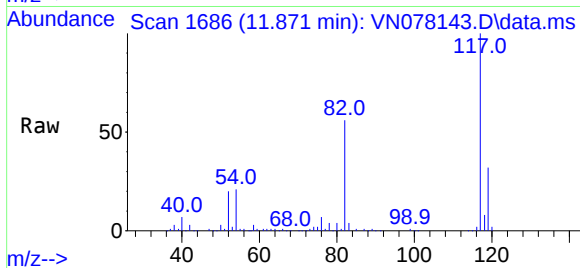
Tgt Ion: 95 Resp: 281861
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 70.7 0.0 135.8



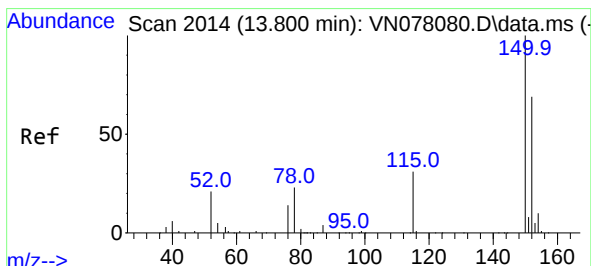
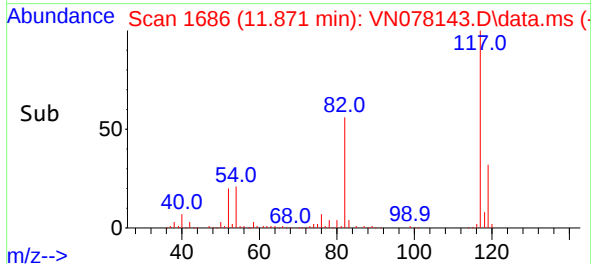
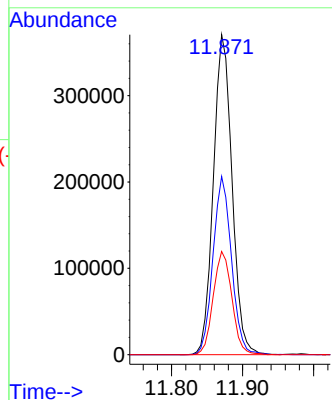


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078143.D
Acq: 09 Jun 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-718-720



Tgt Ion:117 Resp: 675607
Ion Ratio Lower Upper
117 100
82 55.7 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: VN078143.D
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Tgt Ion:152 Resp: 204448
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 155.4 0.0 355.8

