

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082987.D
 Acq On : 19 Jul 2024 14:34
 Operator : JC\MD
 Sample : P3307-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB189-HYD-20240717

Quant Time: Jul 22 02:40:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

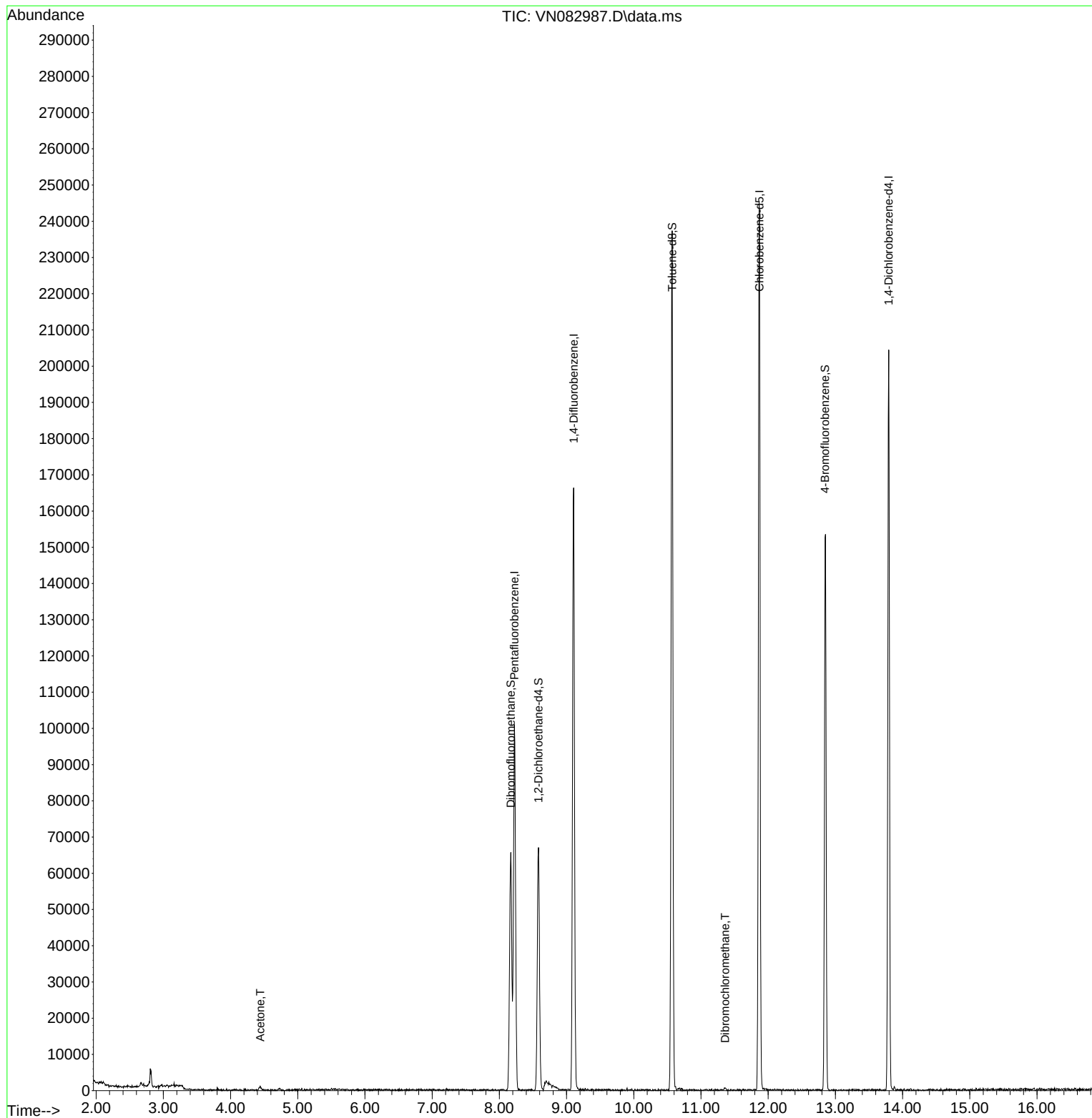
Internal Standards						
1) Pentafluorobenzene	8.224	168	69448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	136472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	137954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	53827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	55757	57.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.540%
35) Dibromofluoromethane	8.171	113	46857	53.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.020%
50) Toluene-d8	10.571	98	160946	49.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.847	95	48563	41.799	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	83.600%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	1409	4.111	ug/l	98
60) Dibromochloromethane	11.359	129	482	0.444	ug/l	76

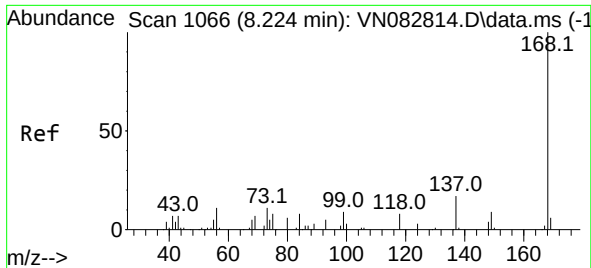
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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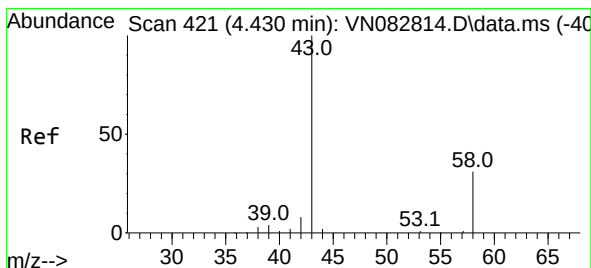
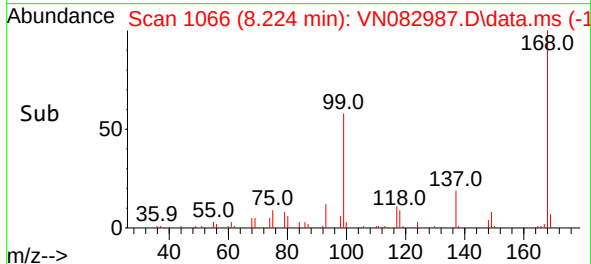
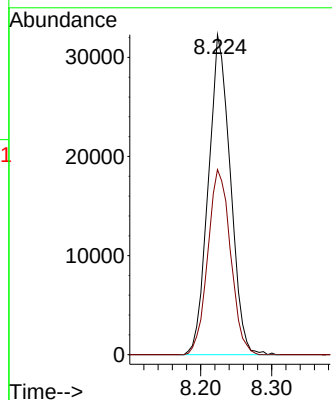
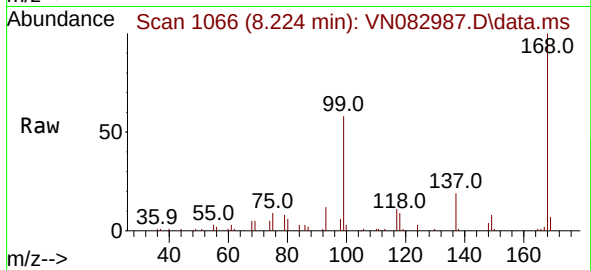




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082987.D
Acq: 19 Jul 2024 14:34

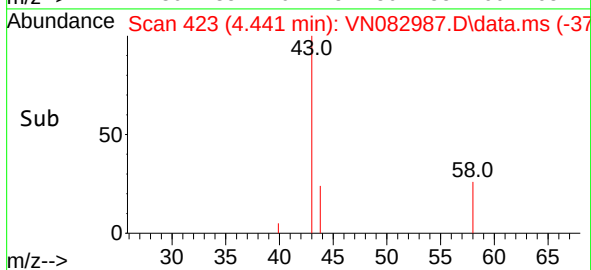
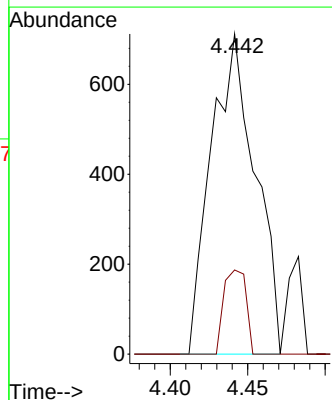
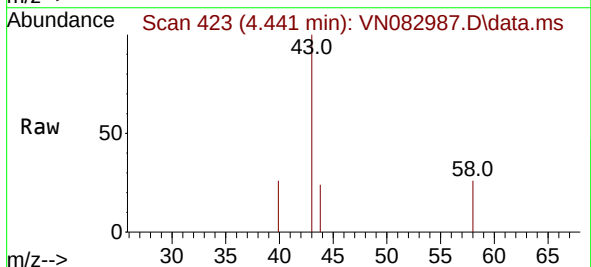
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240717

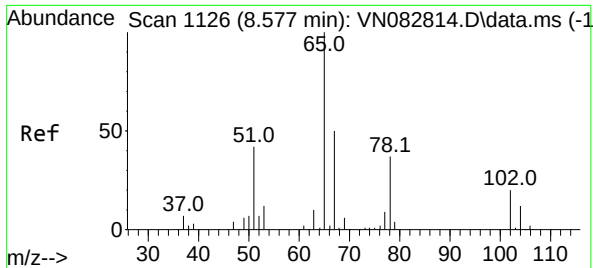
Tgt Ion:168 Resp: 69448
Ion Ratio Lower Upper
168 100
99 57.8 48.2 72.4



#16
Acetone
Concen: 4.111 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN082987.D
Acq: 19 Jul 2024 14:34

Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
58 26.3 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 57.274 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082987.D

Acq: 19 Jul 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

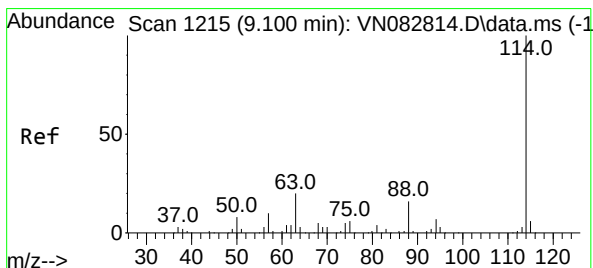
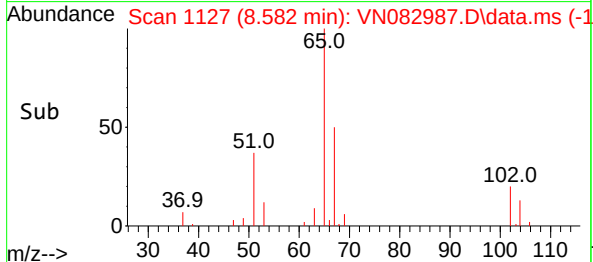
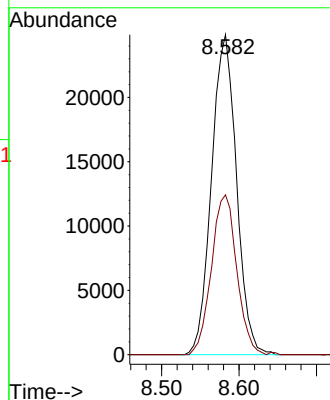
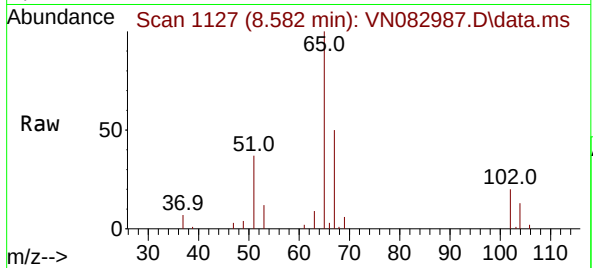
VPB189-HYD-20240717

Tgt Ion: 65 Resp: 55757

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082987.D

Acq: 19 Jul 2024 14:34

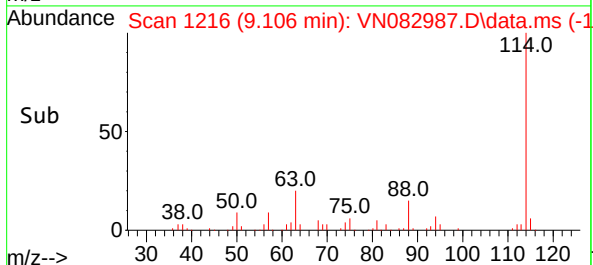
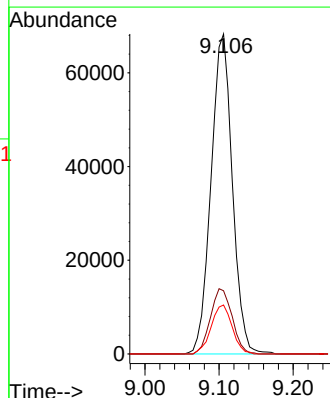
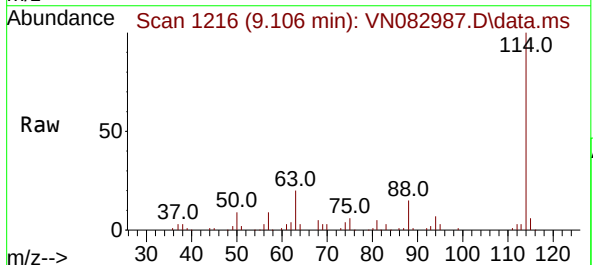
Tgt Ion: 114 Resp: 136472

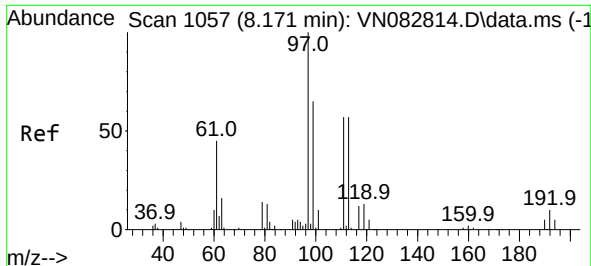
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

88 15.3 0.0 31.4

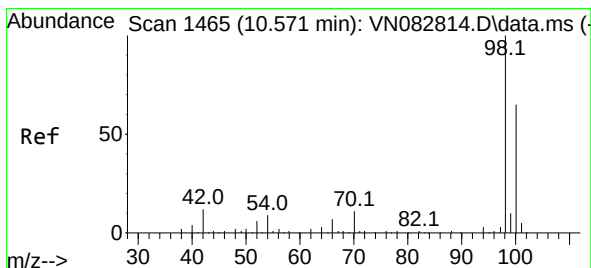
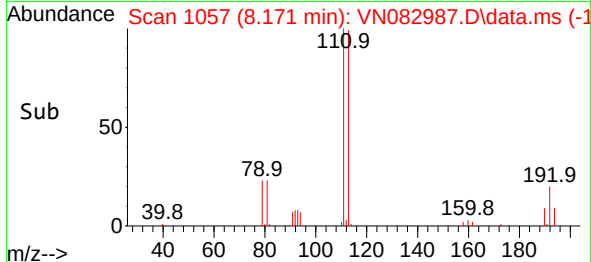
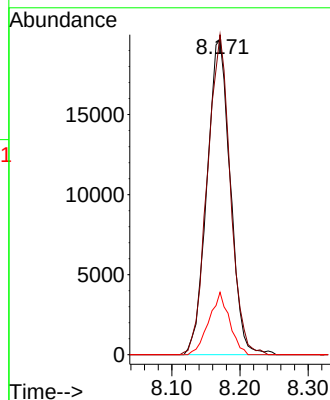
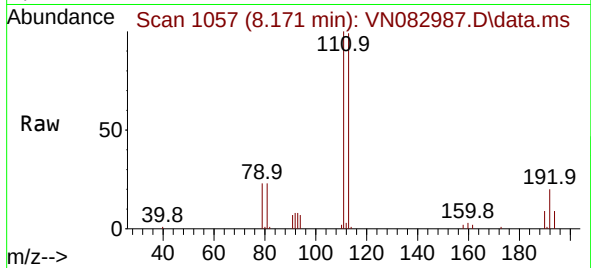




#35
Dibromofluoromethane
Concen: 53.508 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082987.D
Acq: 19 Jul 2024 14:34

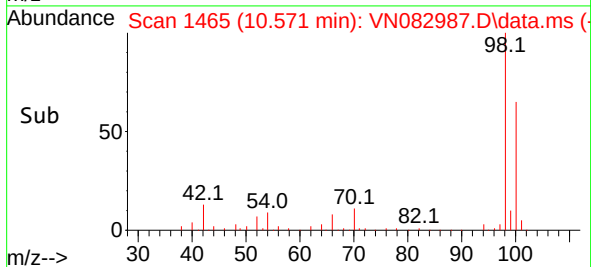
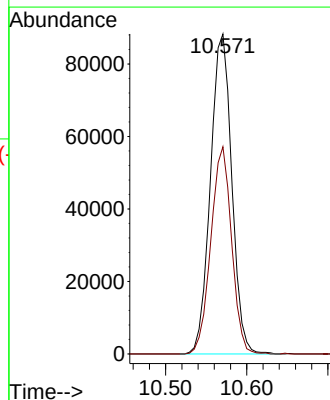
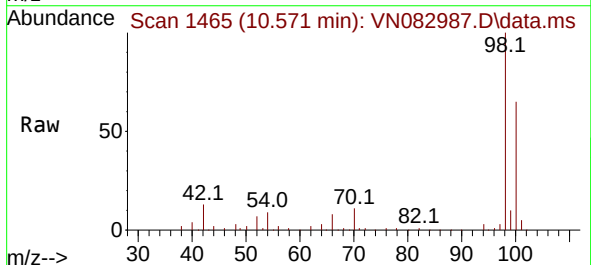
Instrument :
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ClientSampleId :
VPB189-HYD-20240717

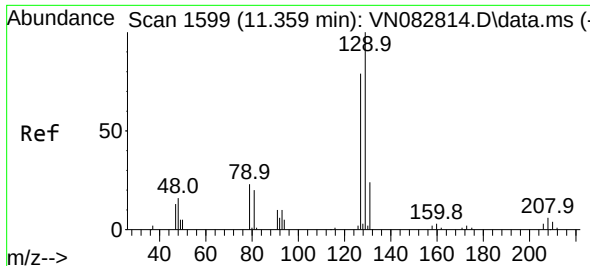
Tgt Ion:113 Resp: 46857
Ion Ratio Lower Upper
113 100
111 100.0 82.4 123.6
192 17.5 14.9 22.3



#50
Toluene-d8
Concen: 49.761 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082987.D
Acq: 19 Jul 2024 14:34

Tgt Ion: 98 Resp: 160946
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3

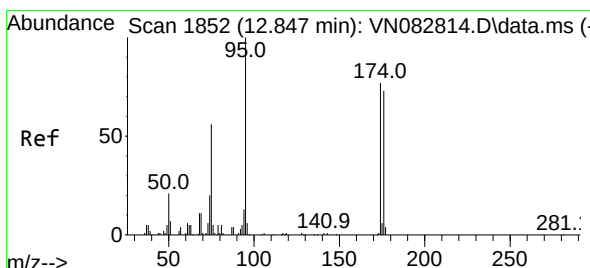
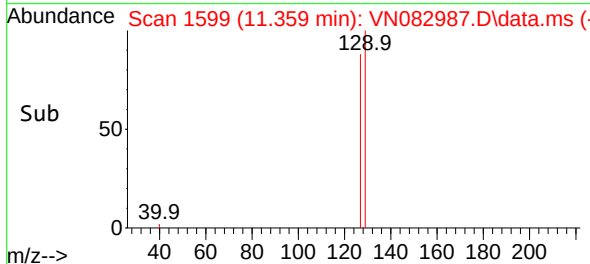
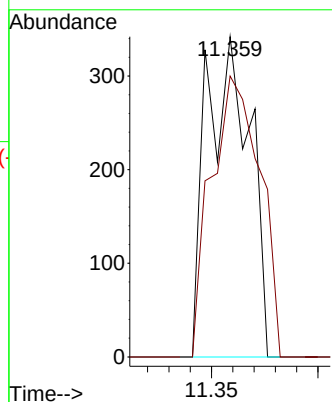
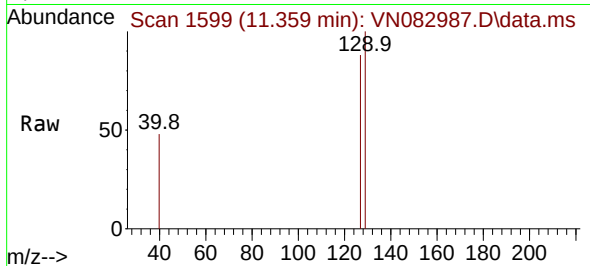




#60
Dibromochloromethane
Concen: 0.444 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082987.D
Acq: 19 Jul 2024 14:34

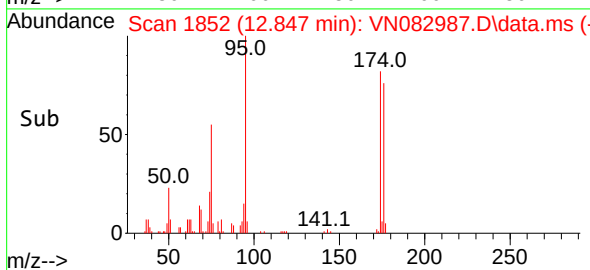
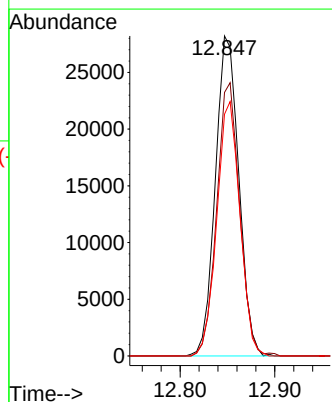
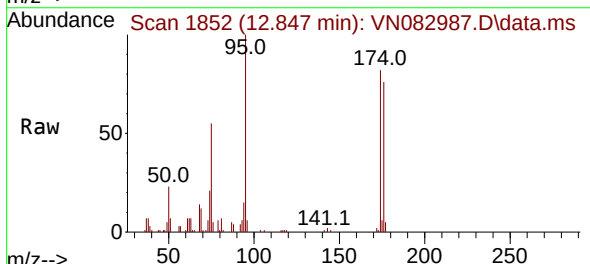
Instrument :
MSVOA_N
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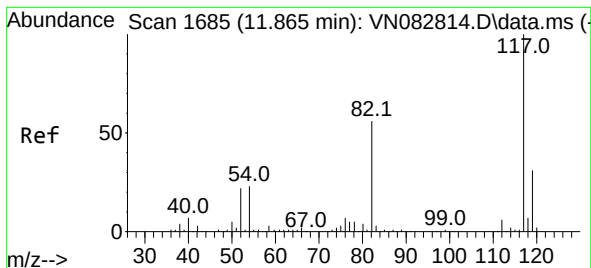
Tgt Ion:129 Resp: 482
Ion Ratio Lower Upper
129 100
127 99.0 39.2 117.6



#62
4-Bromofluorobenzene
Concen: 41.799 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082987.D
Acq: 19 Jul 2024 14:34

Tgt Ion: 95 Resp: 48563
Ion Ratio Lower Upper
95 100
174 83.5 0.0 159.2
176 78.4 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082987.D

Acq: 19 Jul 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240717

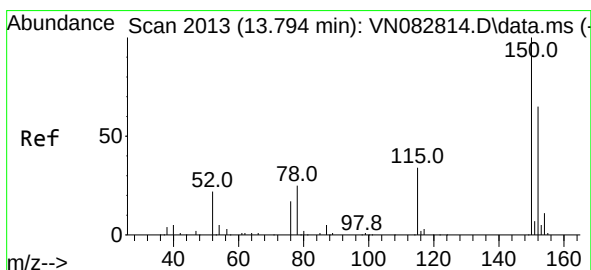
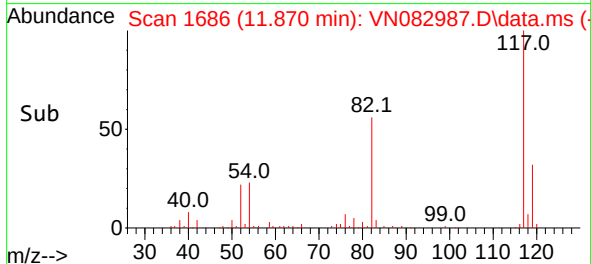
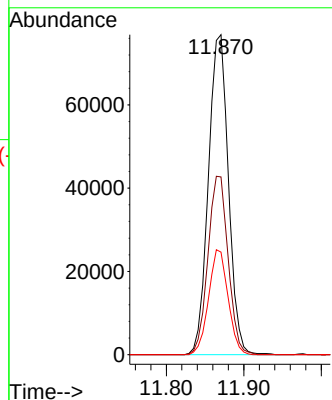
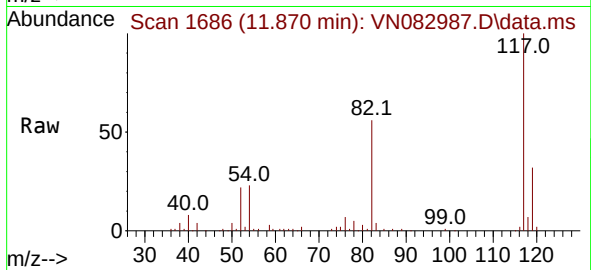
Tgt Ion:117 Resp: 137954

Ion Ratio Lower Upper

117 100

82 55.6 47.5 71.3

119 32.0 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: VN082987.D

Acq: 19 Jul 2024 14:34

Tgt Ion:152 Resp: 53827

Ion Ratio Lower Upper

152 100

115 59.7 30.6 91.6

150 157.7 0.0 348.6

