

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085431.D
 Acq On : 13 Jan 2025 17:06
 Operator : JC\MD
 Sample : Q1062-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190A-HYD-20250107

Quant Time: Jan 13 17:22:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144844	59.124	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.240%	
35) Dibromofluoromethane	8.165	113	109949	54.874	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.740%	
50) Toluene-d8	10.565	98	353662	48.101	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.200%	
62) 4-Bromofluorobenzene	12.847	95	117799	48.242	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.480%	

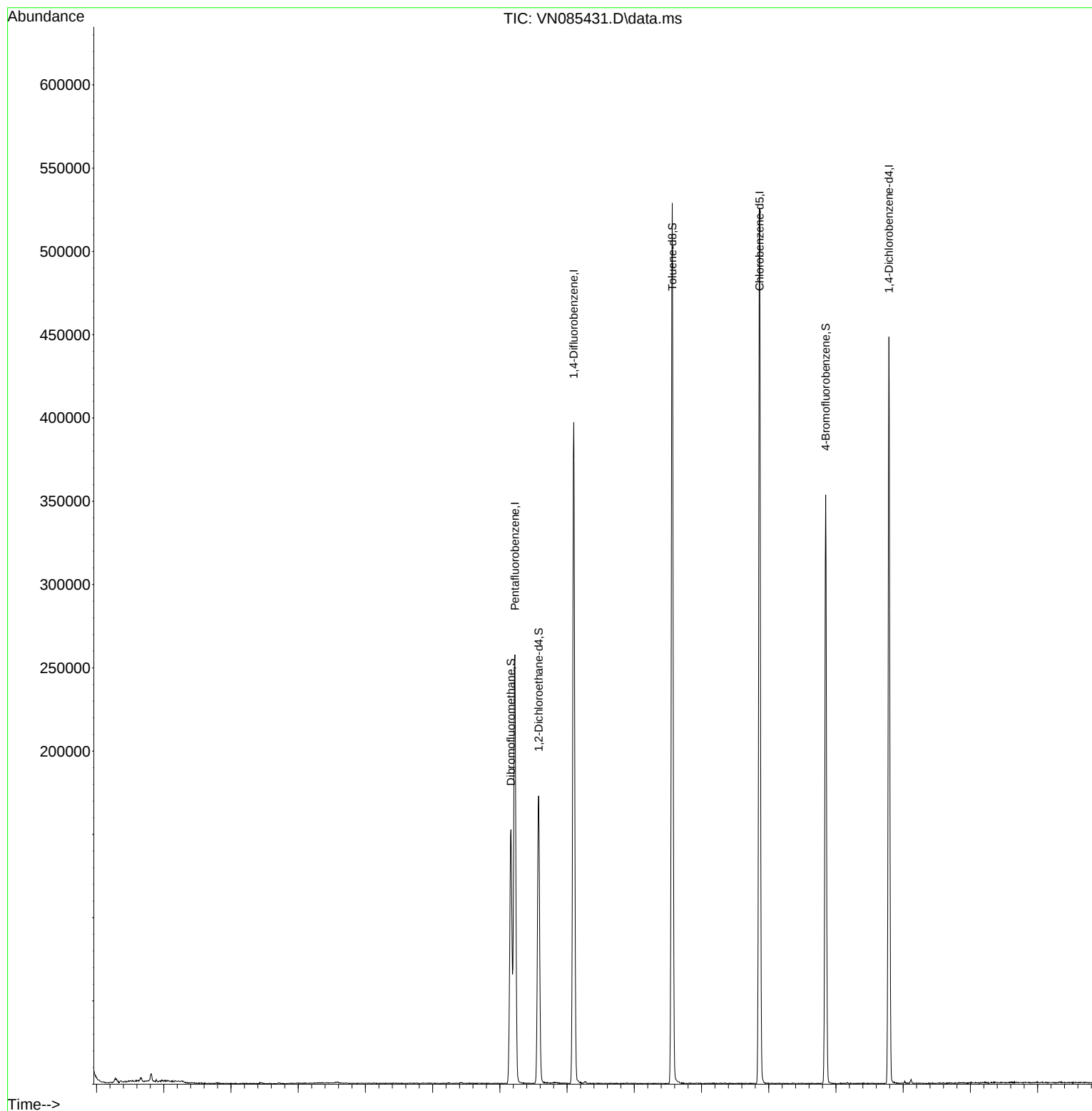
Target Compounds Qvalue

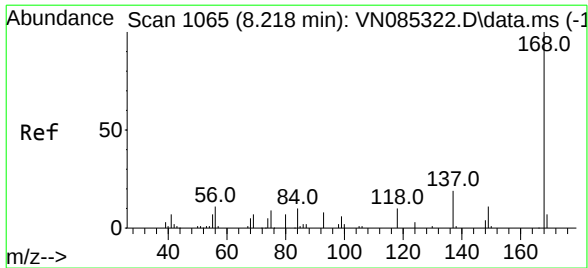
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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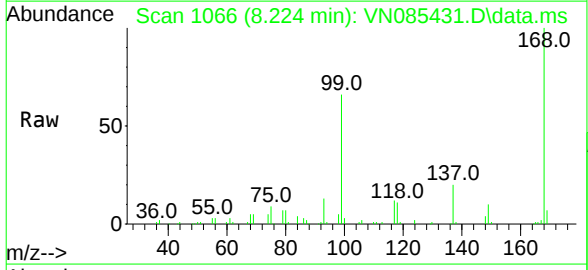
Quant Time: Jan 13 17:22:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
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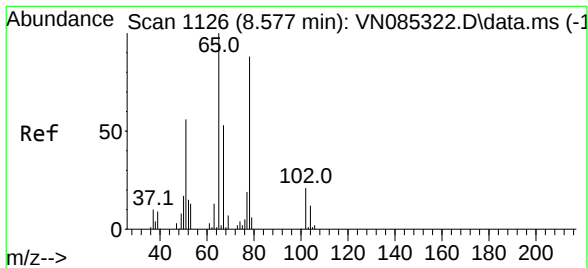
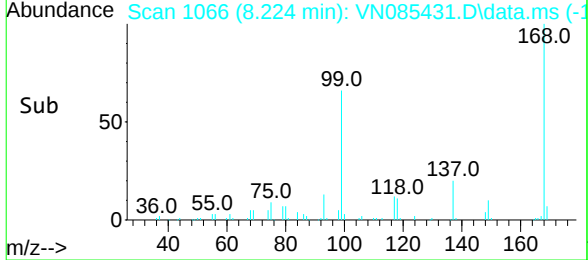
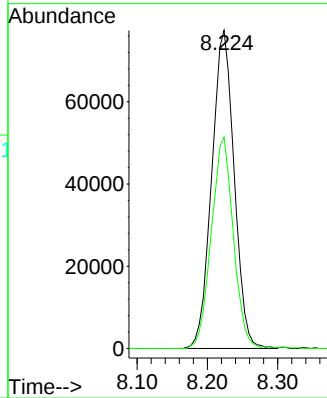


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VPB190A-HYD-20250107

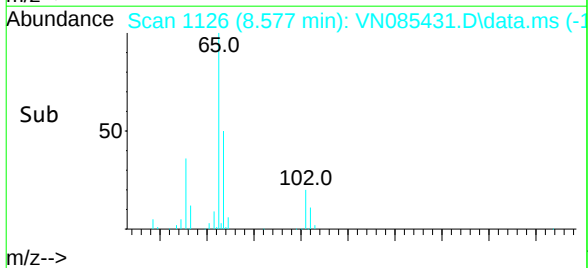
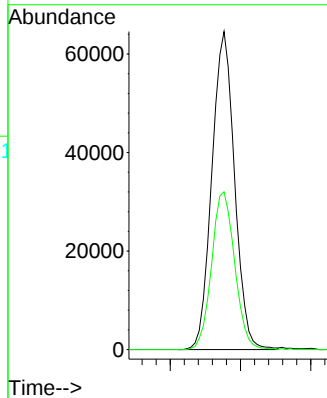
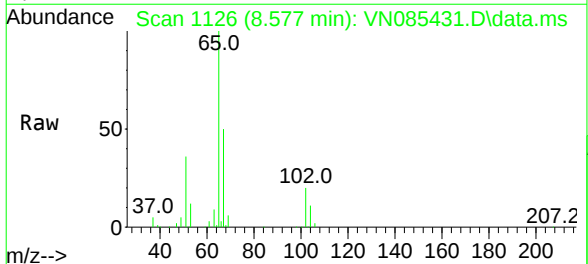


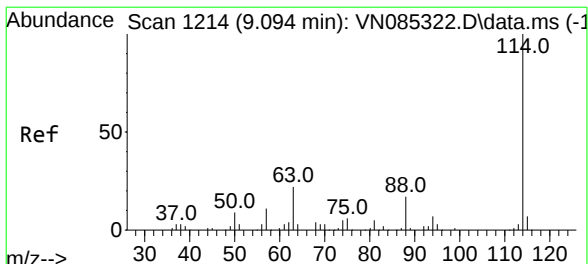
Tgt Ion:168 Resp: 171762
Ion Ratio Lower Upper
168 100
99 66.4 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 59.124 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Tgt Ion: 65 Resp: 144844
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0

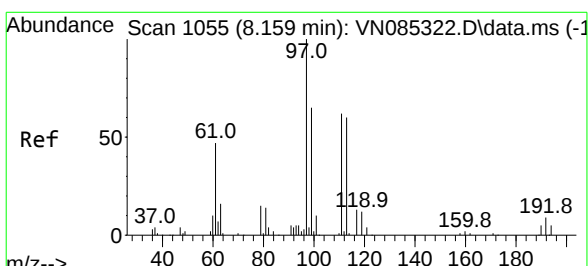
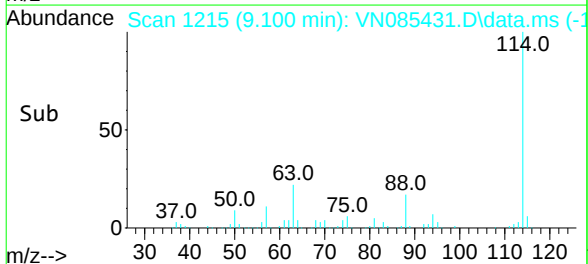
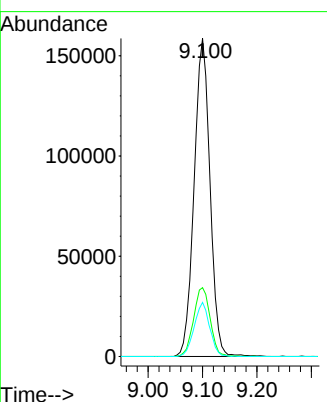
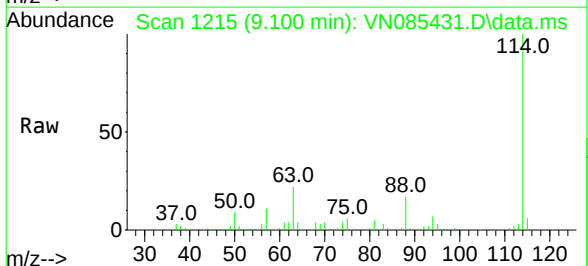




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085431.D
 Acq: 13 Jan 2025 17:06

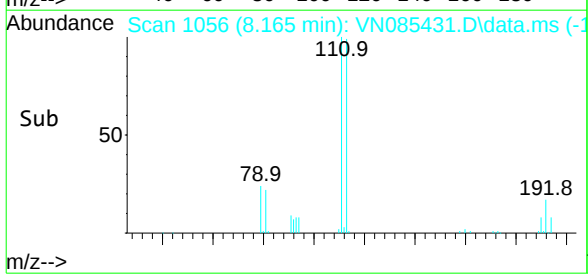
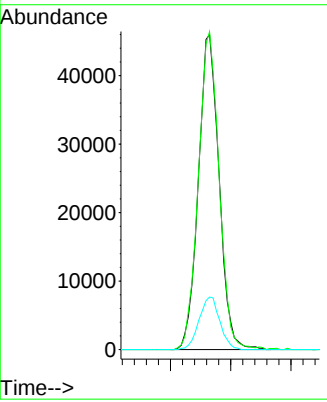
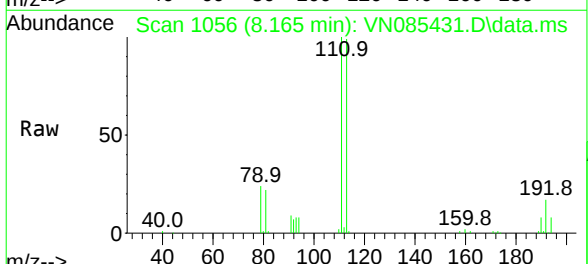
Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190A-HYD-20250107

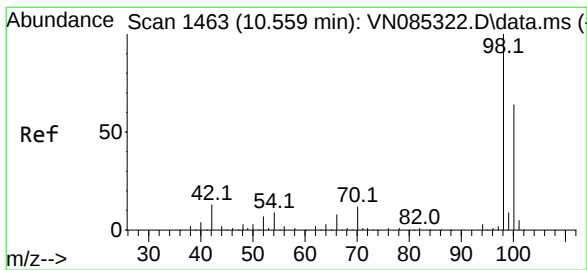
Tgt Ion:	114	Resp:	321172
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	43.4
88	17.0	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 54.874 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085431.D
 Acq: 13 Jan 2025 17:06

Tgt Ion:	113	Resp:	109949
Ion Ratio	Lower	Upper	
113	100		
111	101.1	80.5	120.7
192	16.7	12.9	19.3





#50

Toluene-d8

Concen: 48.101 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

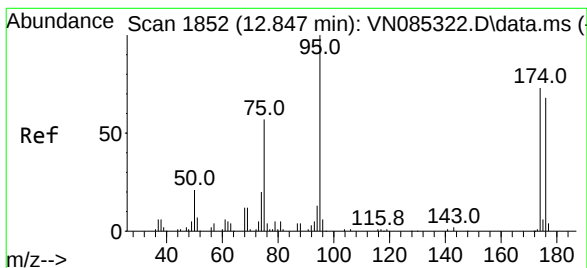
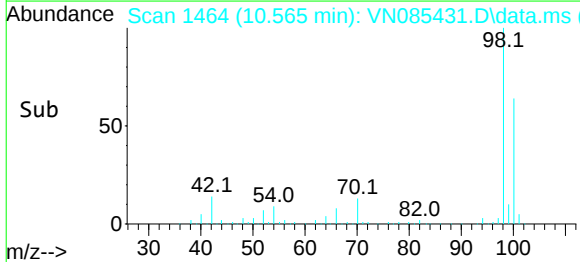
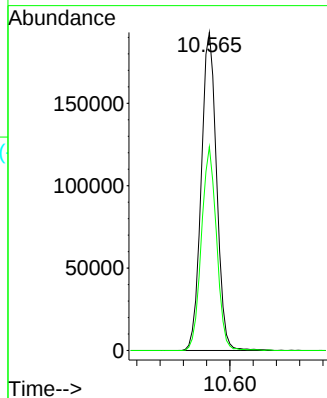
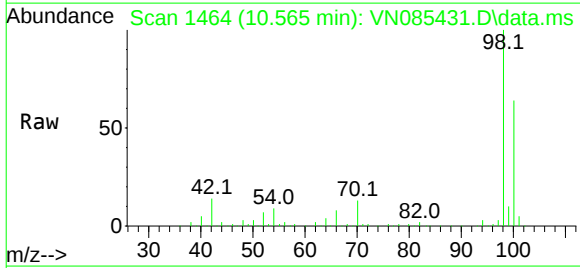
VPB190A-HYD-20250107

Tgt Ion: 98 Resp: 353662

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.242 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

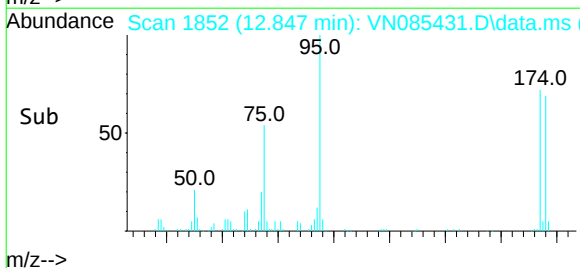
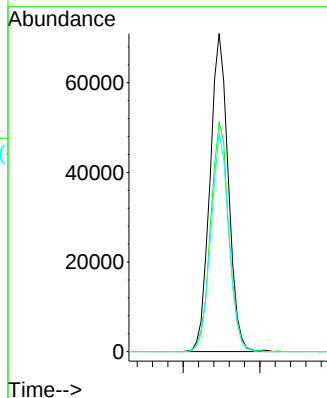
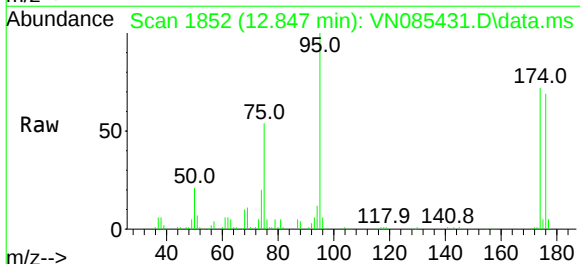
Tgt Ion: 95 Resp: 117799

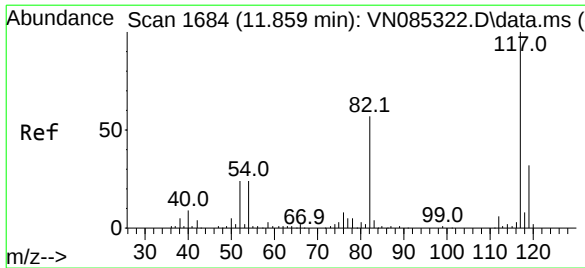
Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.2

176 67.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

VPB190A-HYD-20250107

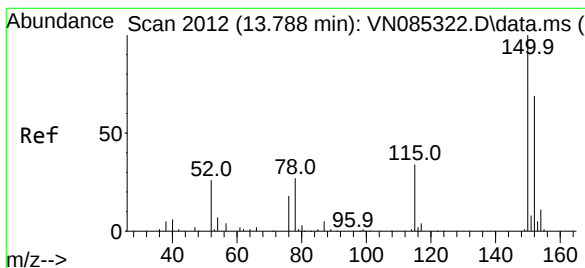
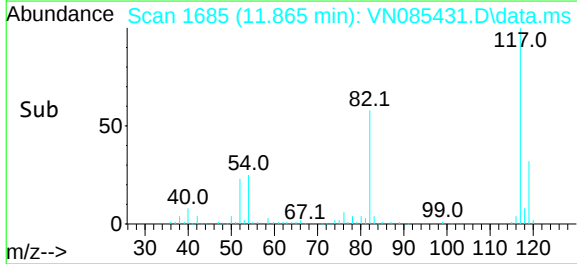
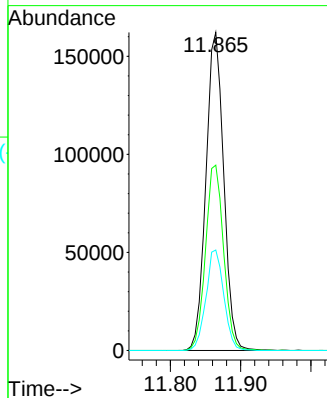
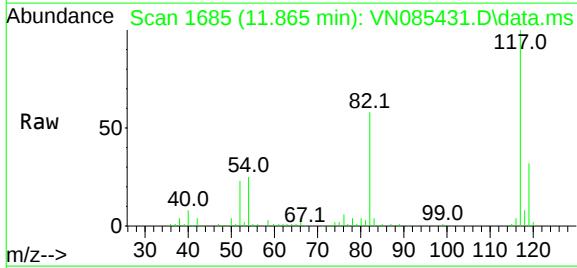
Tgt Ion:117 Resp: 285304

Ion Ratio Lower Upper

117 100

82 58.3 45.7 68.5

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

Tgt Ion:152 Resp: 114295

Ion Ratio Lower Upper

152 100

115 62.3 30.4 91.3

150 158.4 0.0 345.0

