

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081996.D
 Acq On : 03 May 2024 17:00
 Operator : JC\MD
 Sample : P2379-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-1226

Quant Time: May 06 01:57:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	151591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125717	49.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.165	113	93981	48.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	10.565	98	402538	52.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.847	95	141756	46.934	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.860%

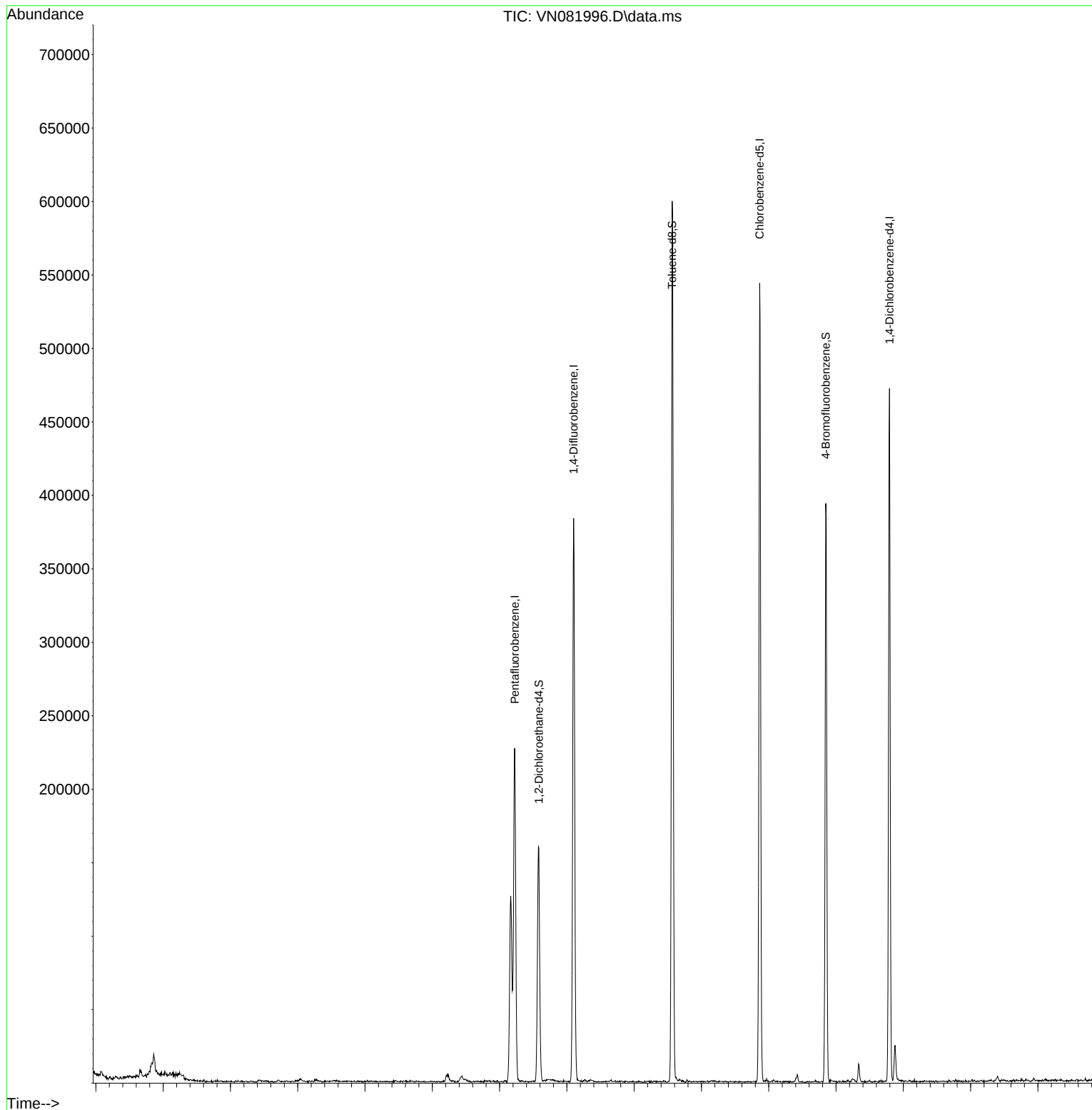
Target Compounds Qvalue

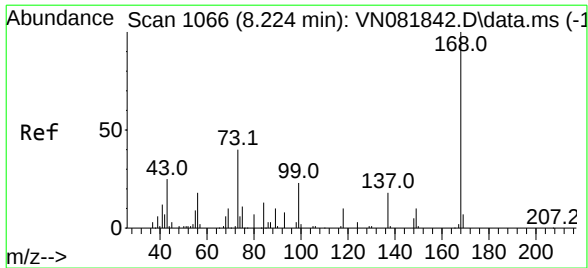
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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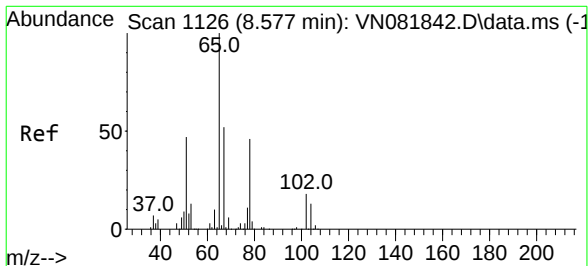
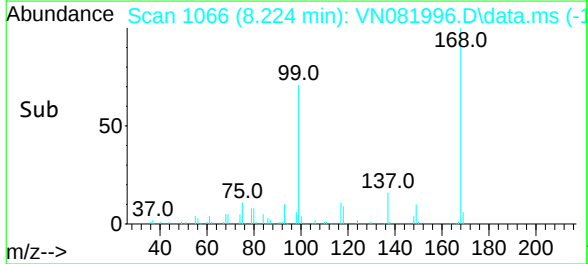
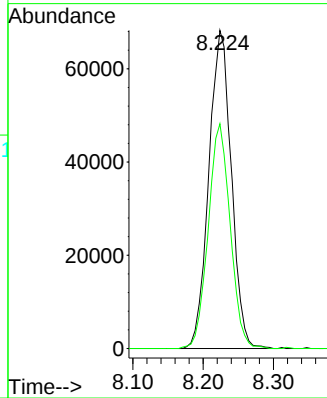
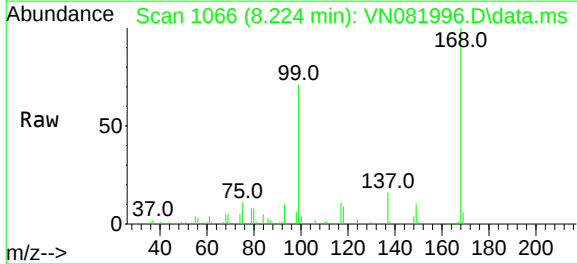




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

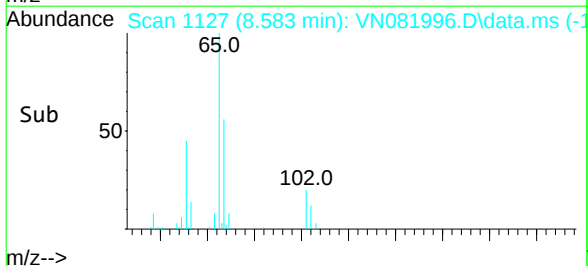
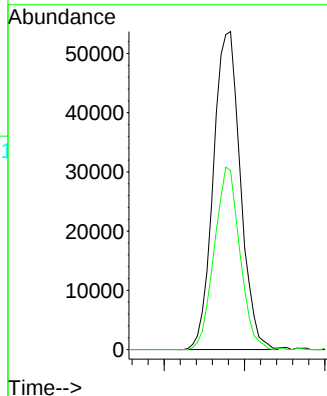
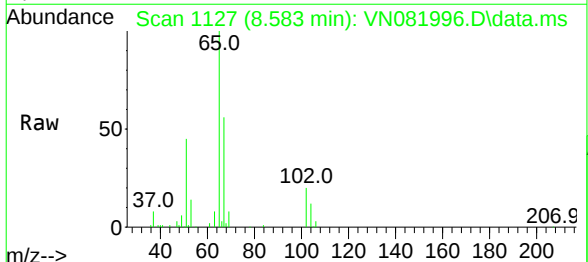
Instrument :
MSVOA_N
ClientSampleId :
ORA-1226

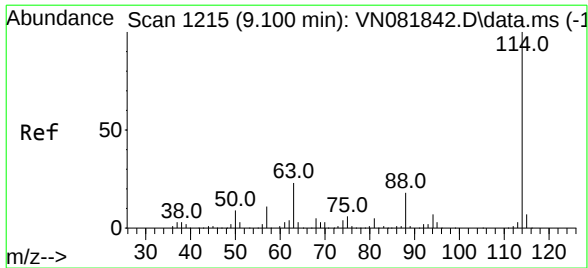
Tgt Ion:168 Resp: 151591
Ion Ratio Lower Upper
168 100
99 70.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.138 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Tgt Ion: 65 Resp: 125717
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.0

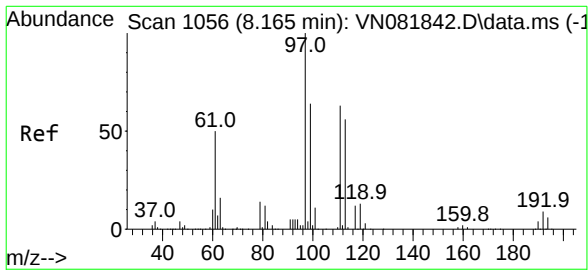
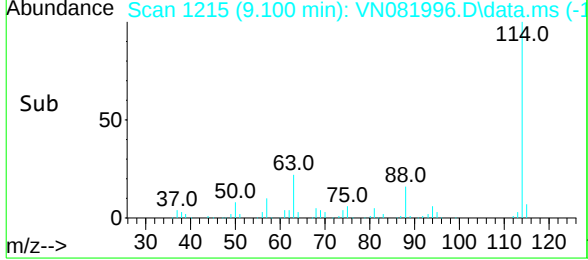
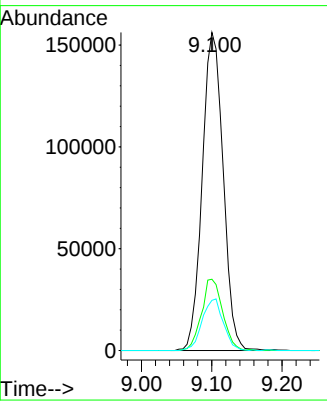
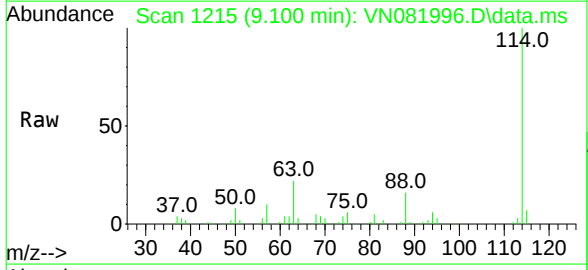




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN081996.D
 Acq: 03 May 2024 17:00

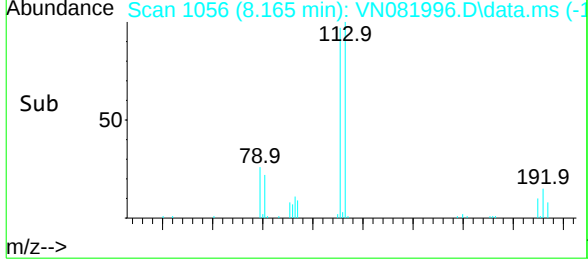
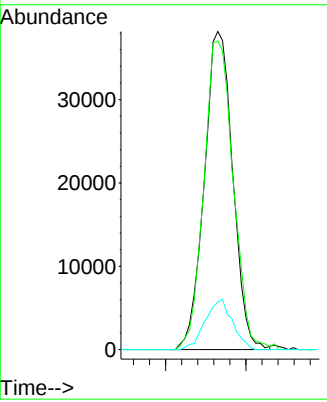
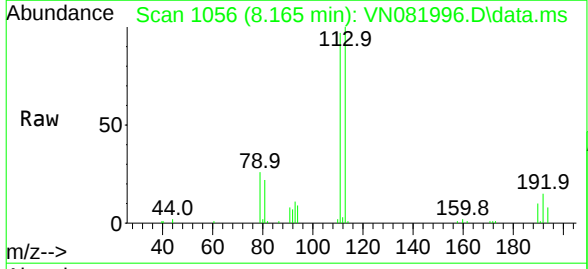
Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-1226

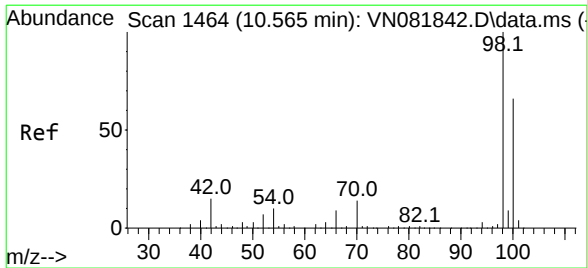
Tgt Ion:	114	Resp:	323112
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.0
88	15.8	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.309 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN081996.D
 Acq: 03 May 2024 17:00

Tgt Ion:	113	Resp:	93981
Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.4	125.2
192	15.1	14.0	21.0





#50

Toluene-d8

Concen: 52.685 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

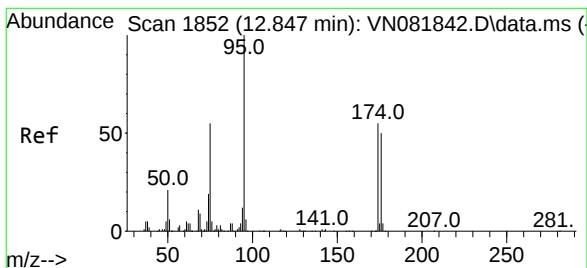
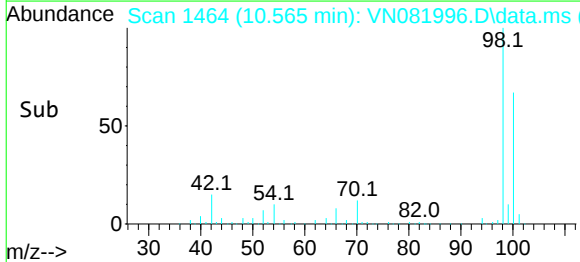
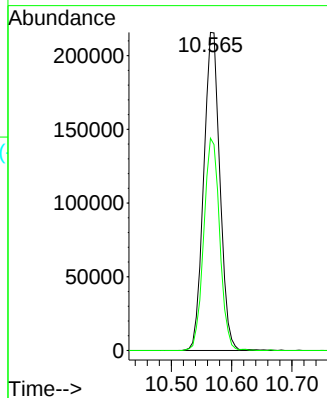
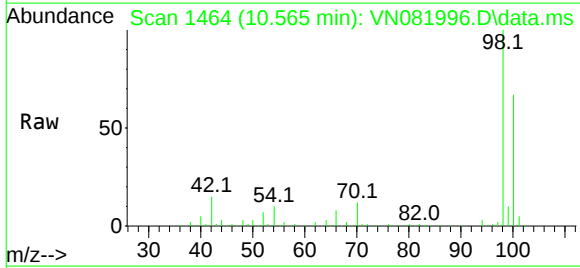
ORA-1226

Tgt Ion: 98 Resp: 402538

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.934 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

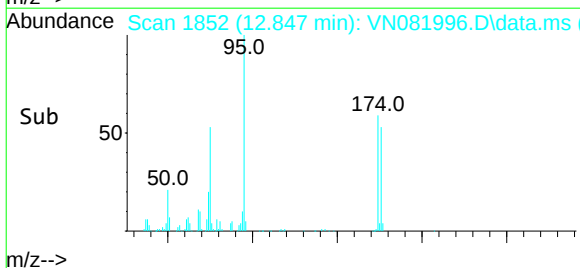
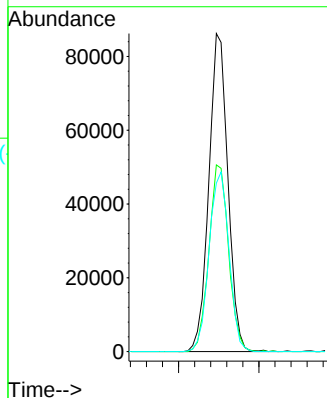
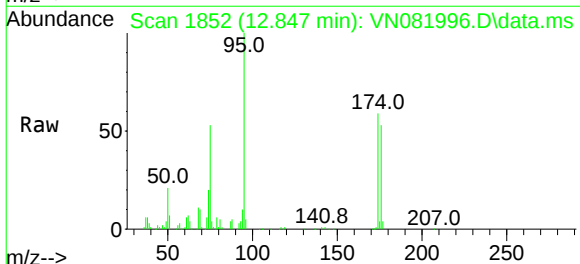
Tgt Ion: 95 Resp: 141756

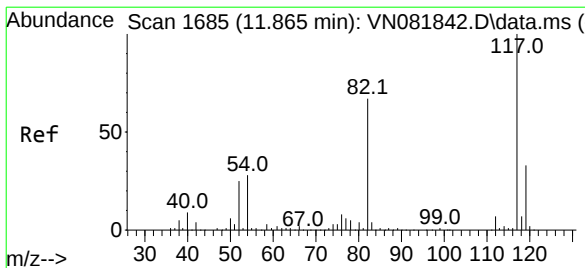
Ion Ratio Lower Upper

95 100

174 60.7 0.0 160.6

176 59.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

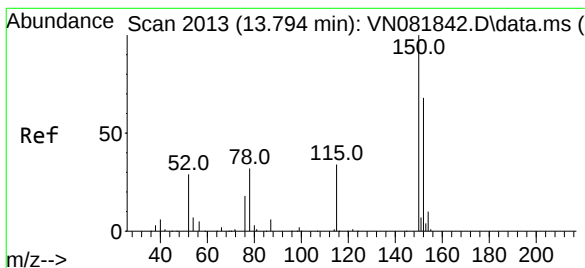
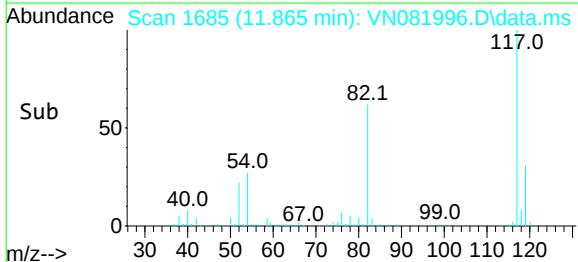
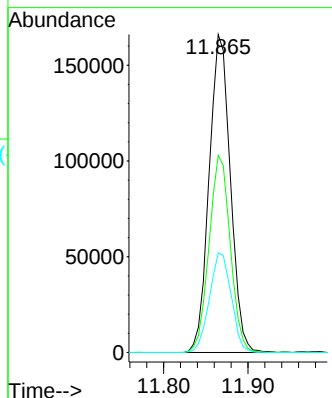
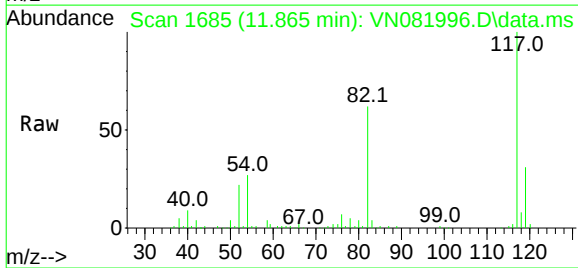
Instrument :

MSVOA_N

ClientSampleId :

ORA-1226

Tgt Ion:	117	Resp:	290707
Ion	Ratio	Lower	Upper
117	100		
82	62.0	44.6	66.8
119	31.3	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

Tgt Ion:	152	Resp:	109624
Ion	Ratio	Lower	Upper
152	100		
115	68.5	30.4	91.3
150	163.3	0.0	353.2

