

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081338.D
 Acq On : 08 Mar 2024 10:53
 Operator : JC\MD
 Sample : VN0308WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBL01

Quant Time: Mar 09 00:54:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	309672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	560816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	474250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231825	51.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.560%
35) Dibromofluoromethane	8.165	113	179812	52.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	10.571	98	661265	51.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.847	95	197616	43.531	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.060%

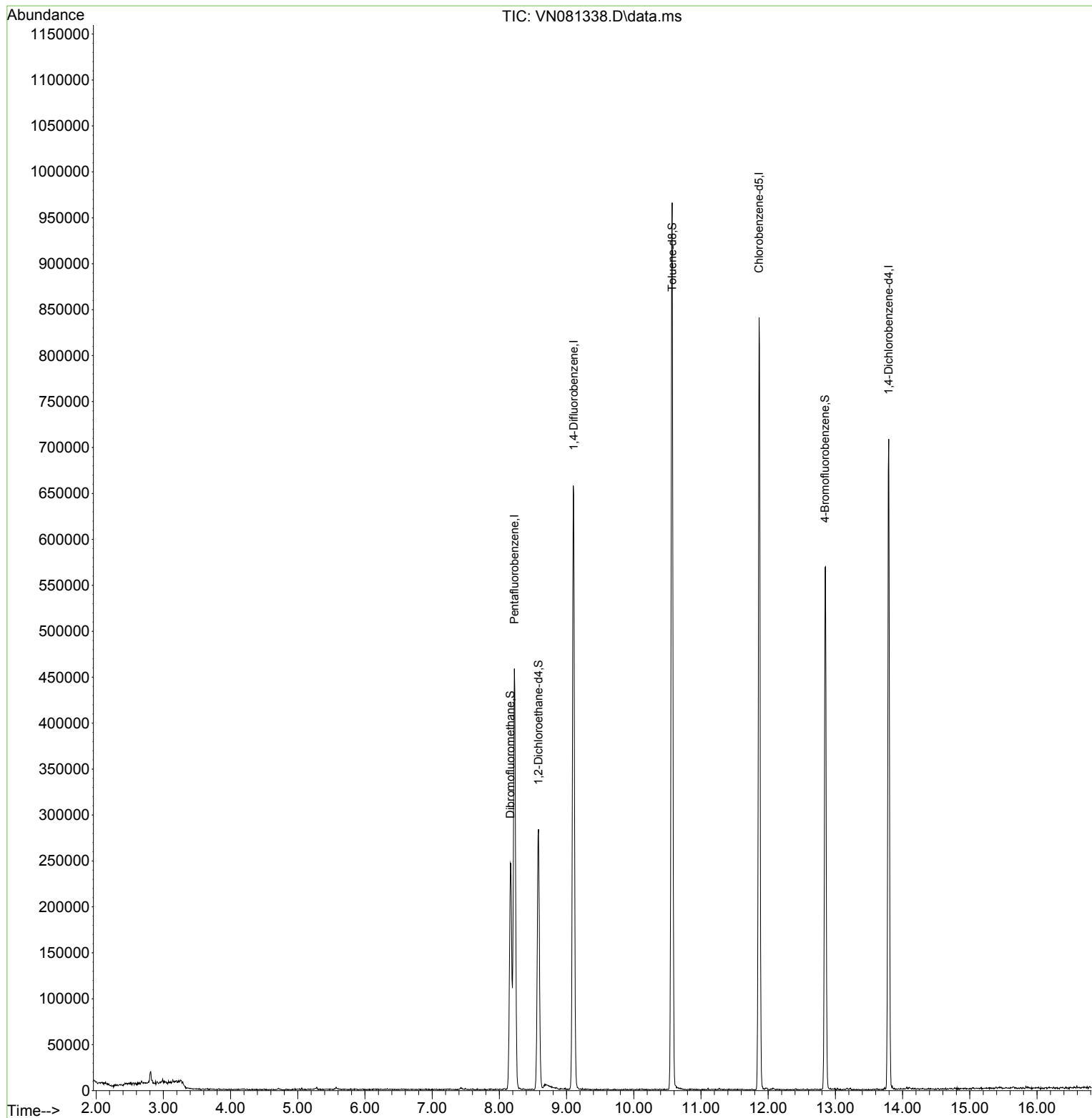
Target Compounds	Qvalue

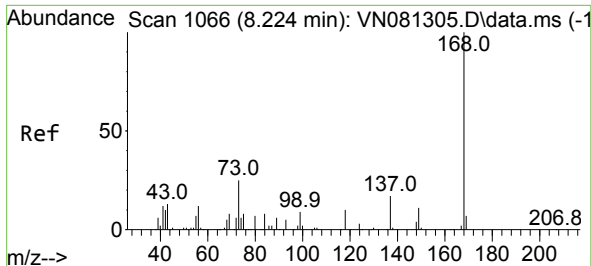
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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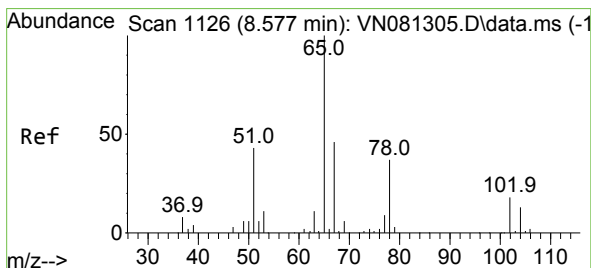
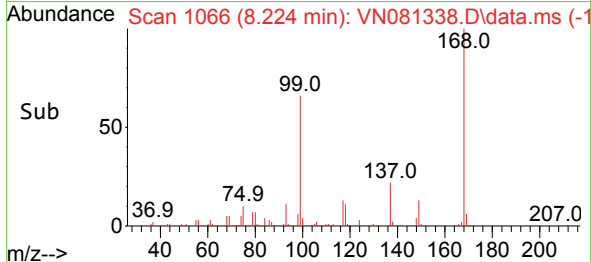
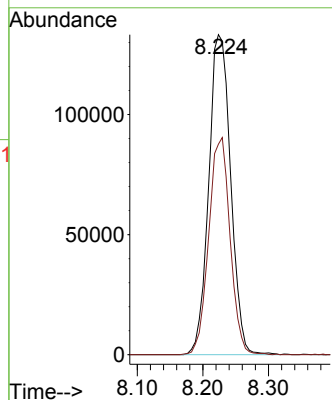
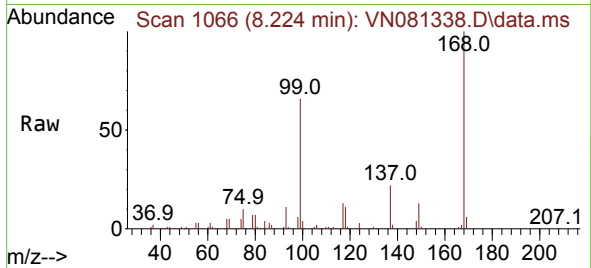




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

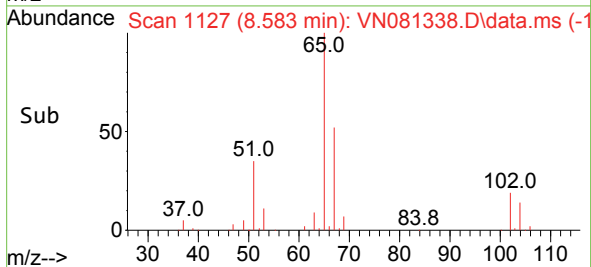
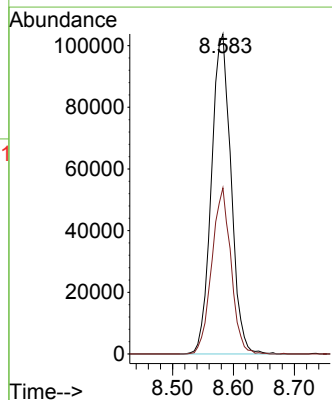
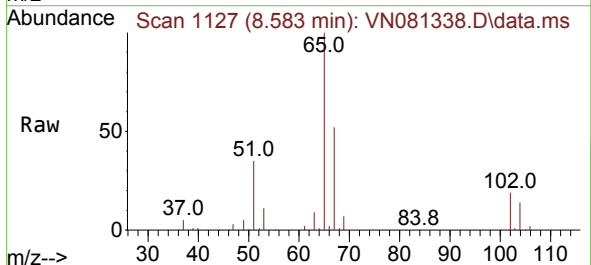
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

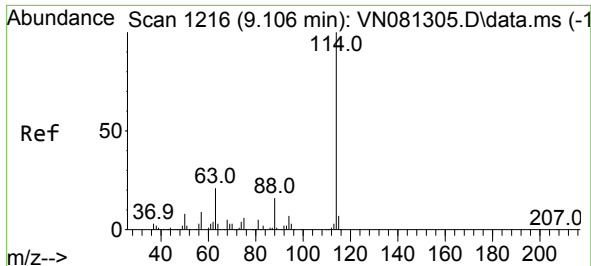
Tgt Ion:168 Resp: 309672
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.775 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 65 Resp: 231825
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4

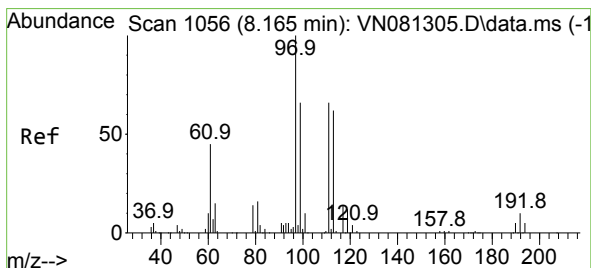
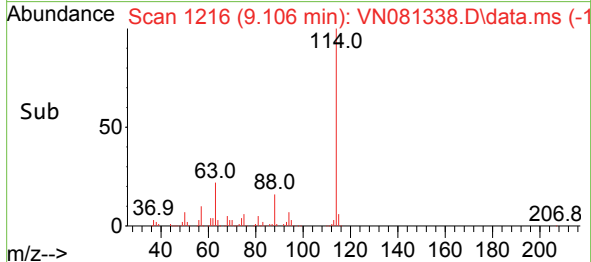
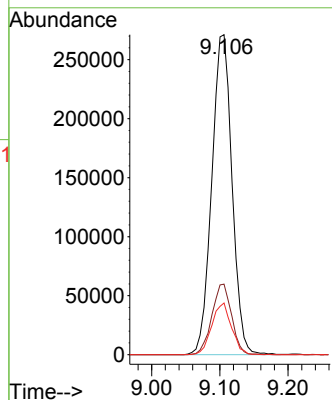
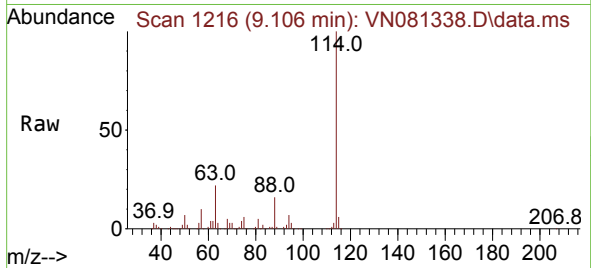




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

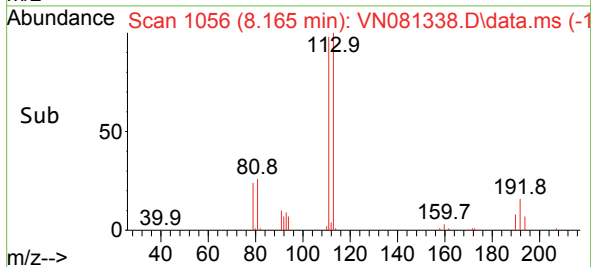
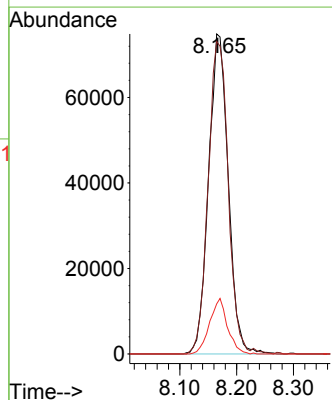
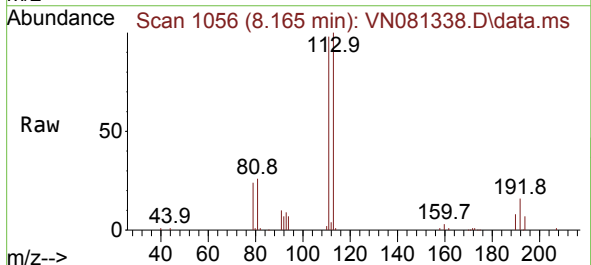
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

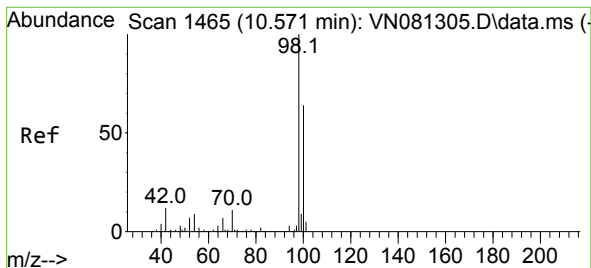
Tgt Ion:114	Resp: 560816
Ion Ratio	Lower Upper
114 100	
63 22.1	0.0 48.0
88 16.2	0.0 34.8



#35
Dibromofluoromethane
Concen: 52.333 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt	Ion:113	Resp:	179812
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.2	123.4
192	15.8	12.5	18.7

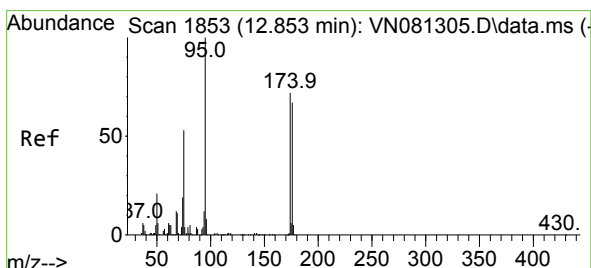
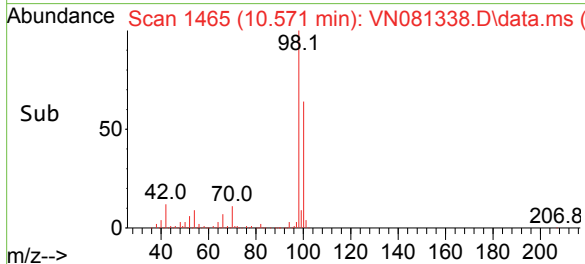
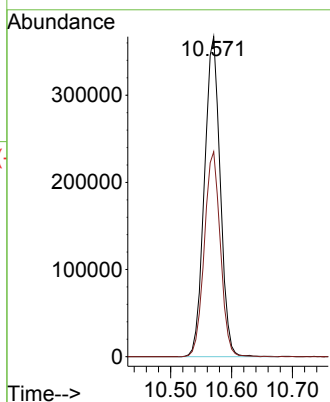
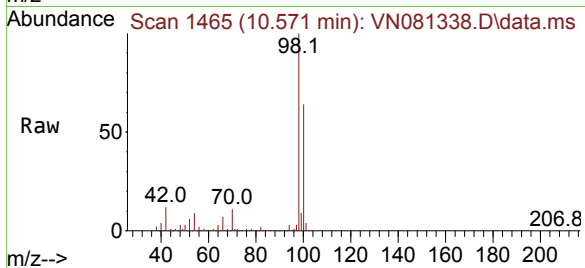




#50
Toluene-d8
Concen: 51.483 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

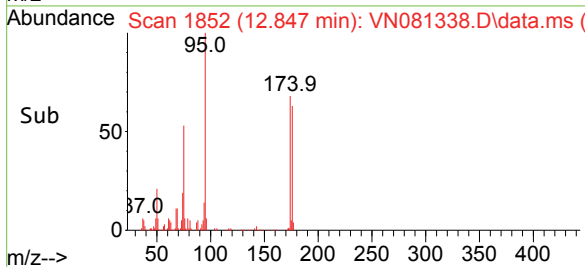
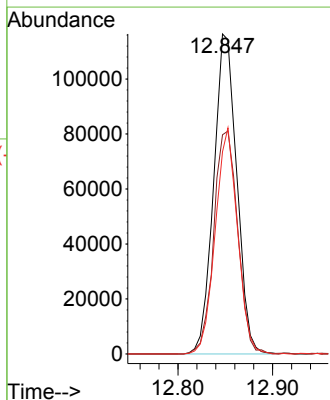
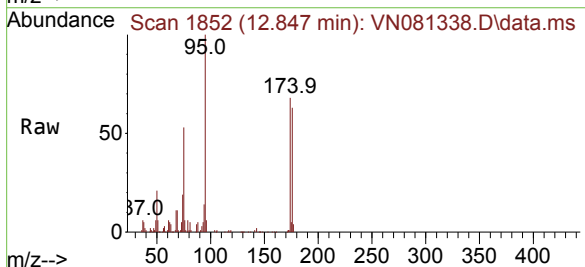
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

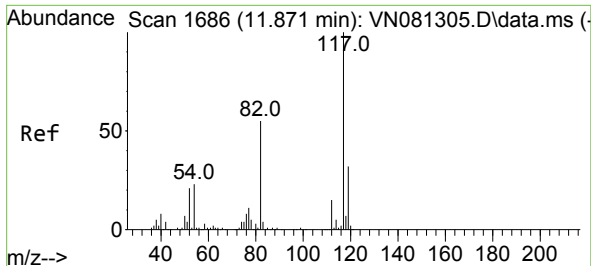
Tgt Ion: 98 Resp: 661265
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.531 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 95 Resp: 197616
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 67.8 0.0 121.0

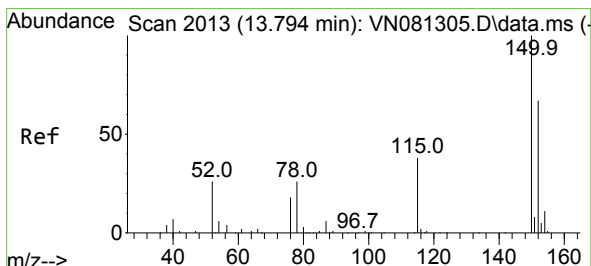
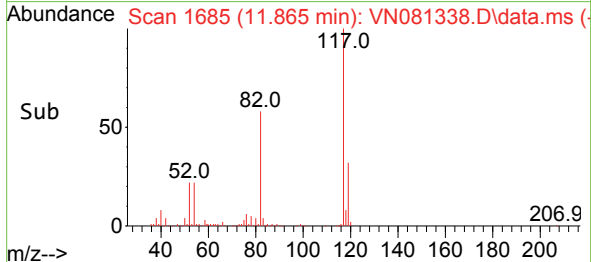
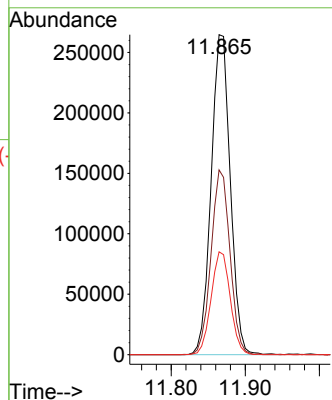
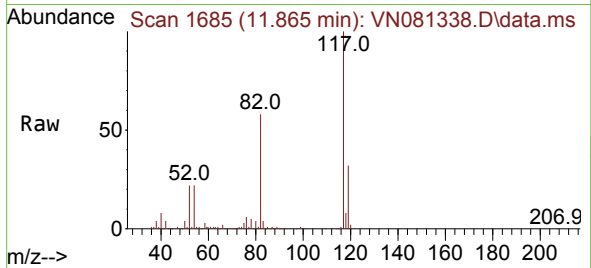




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

Tgt Ion:117 Resp: 474250
Ion Ratio Lower Upper
117 100
82 57.8 52.7 79.1
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion:152 Resp: 176645
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 158.1 0.0 339.8

