

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081214.D
 Acq On : 27 Feb 2024 13:10
 Operator : JC\MD
 Sample : P1577-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB05-20240221

Quant Time: Feb 28 04:16:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	336962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	525377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	232634	56.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.640%
35) Dibromofluoromethane	8.171	113	185100	51.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.600%
50) Toluene-d8	10.571	98	684148	53.910	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.853	95	214680	45.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%

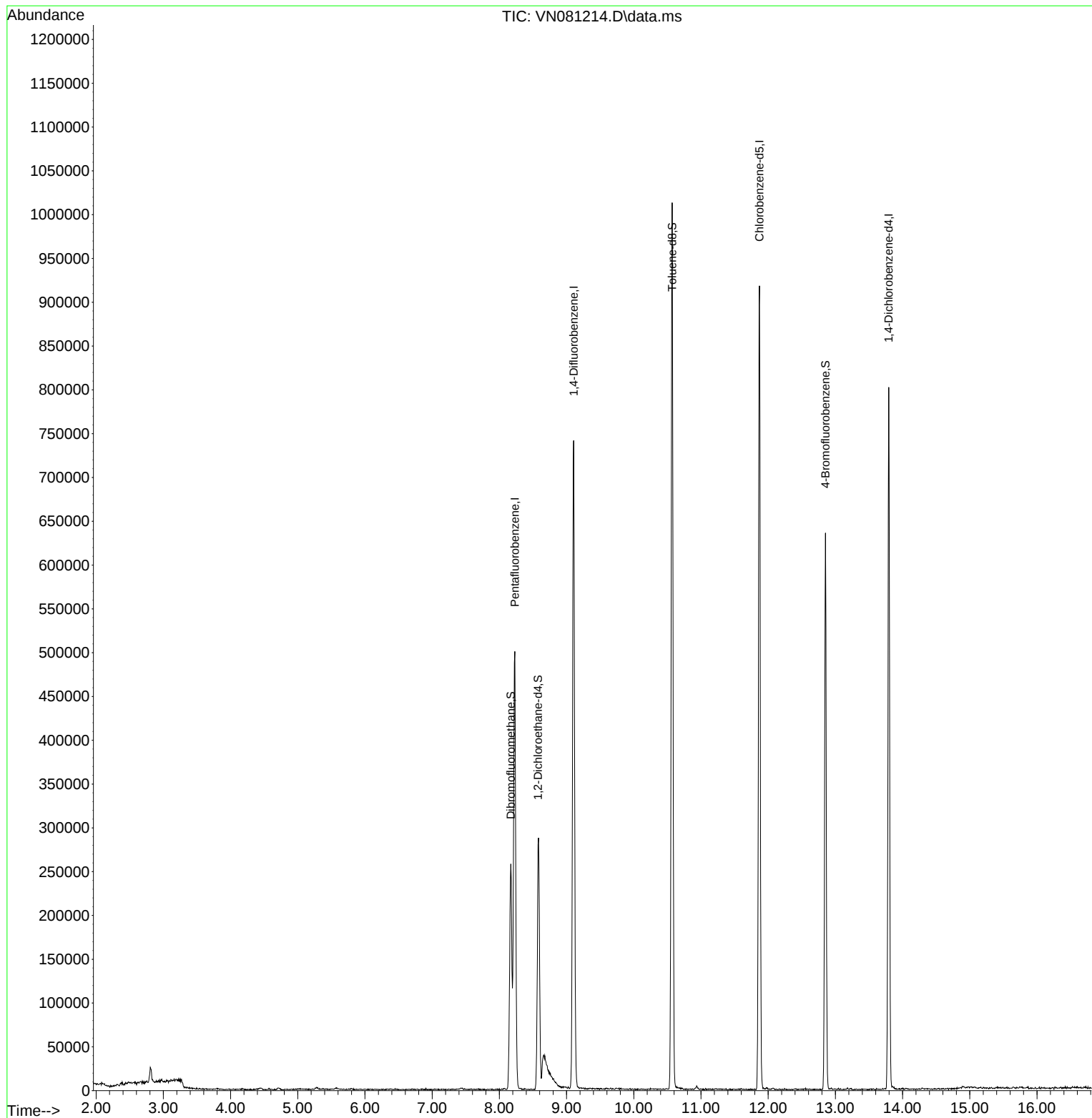
Target Compounds	Qvalue

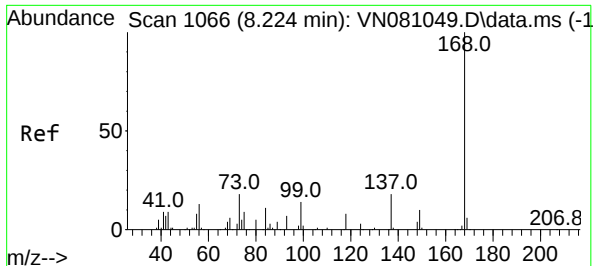
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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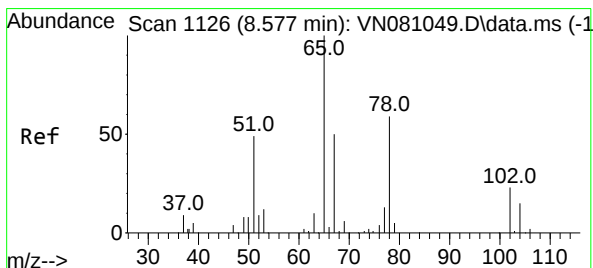
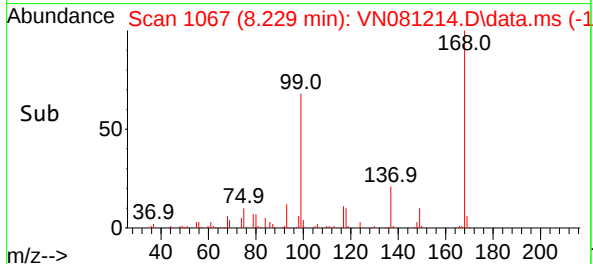
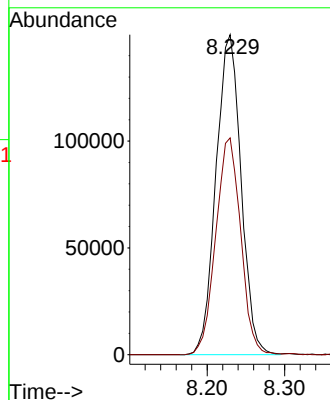
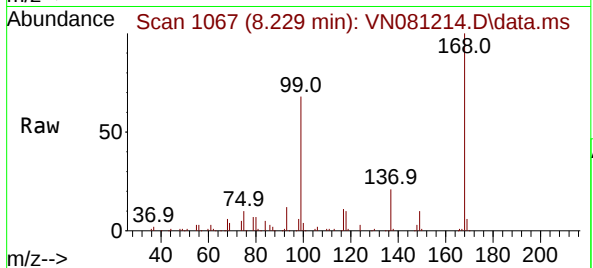




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

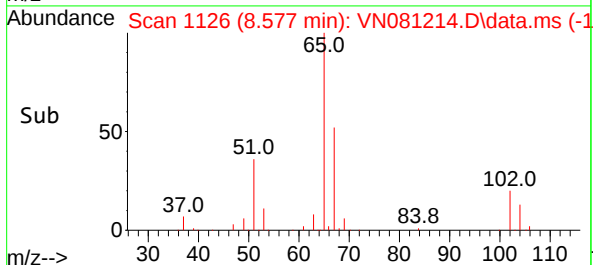
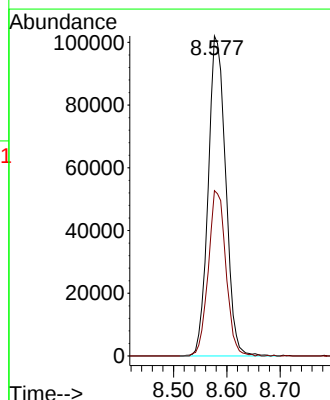
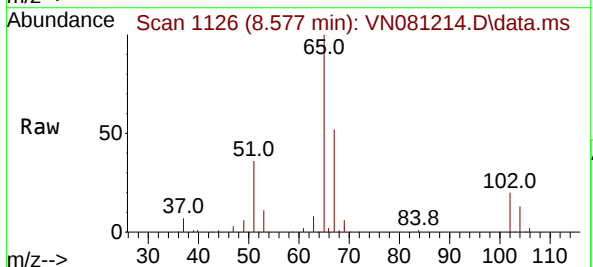
Instrument :
MSVOA_N
ClientSampleId :
TB05-20240221

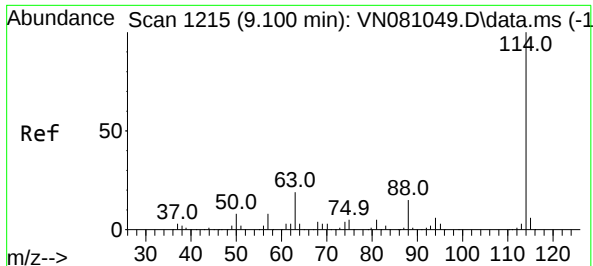
Tgt Ion:168 Resp: 336962
Ion Ratio Lower Upper
168 100
99 67.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.325 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

Tgt Ion: 65 Resp: 232634
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

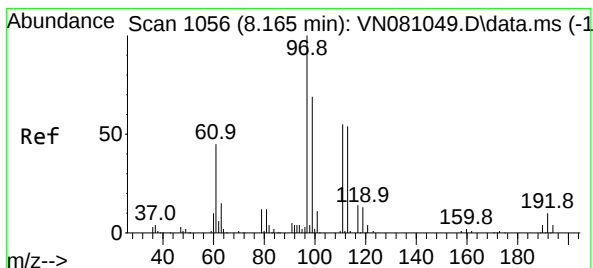
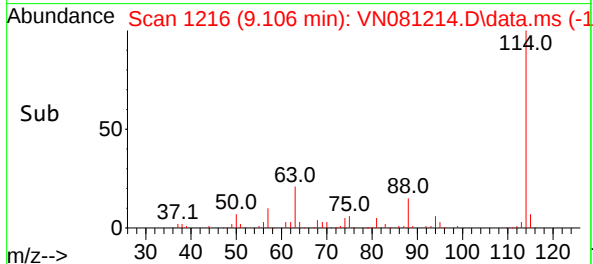
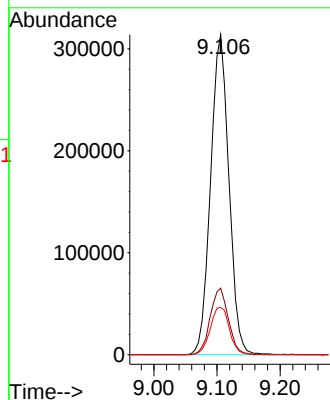
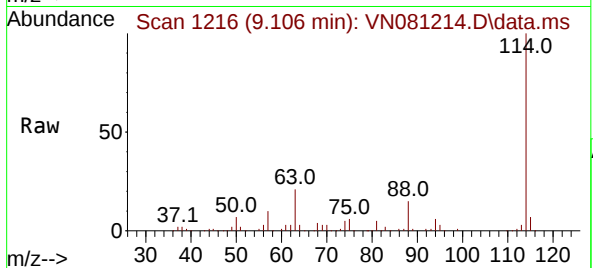




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

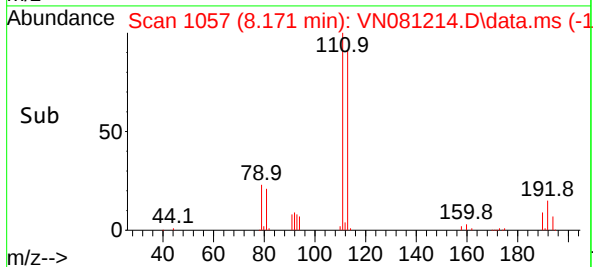
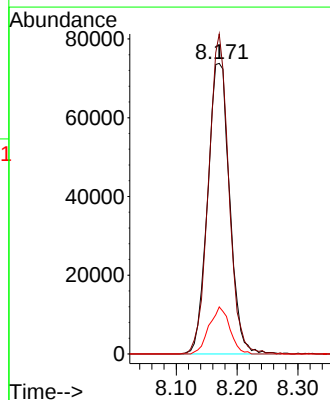
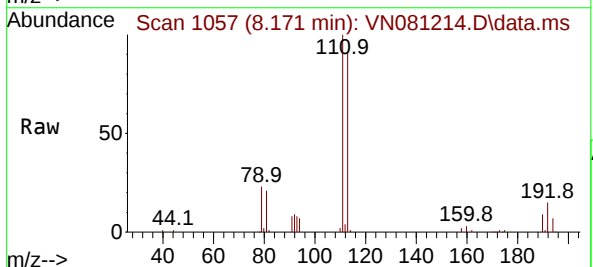
Instrument :
MSVOA_N
ClientSampleId :
TB05-20240221

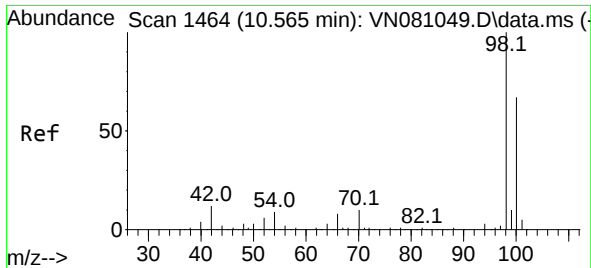
Tgt Ion:114 Resp: 631877
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.804 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

Tgt Ion:113 Resp: 185100
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 15.2 12.5 18.7

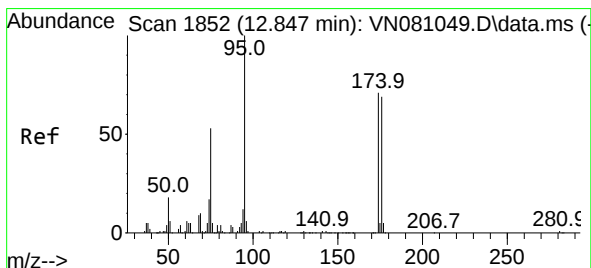
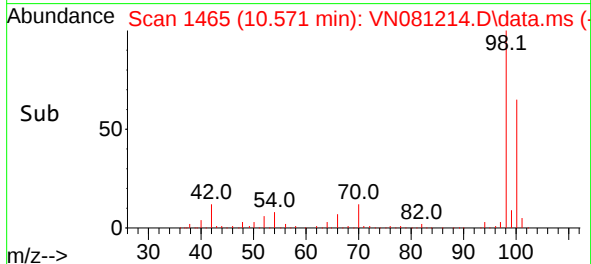
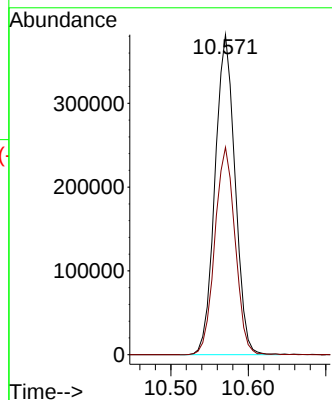
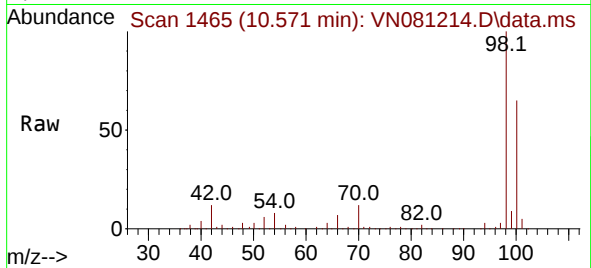




#50
Toluene-d8
Concen: 53.910 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

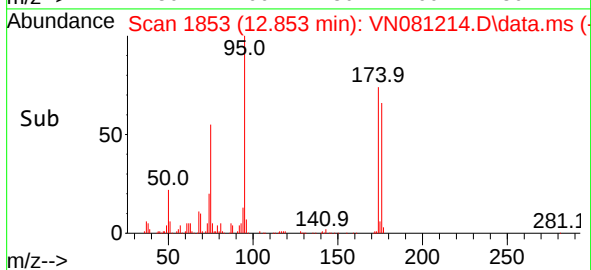
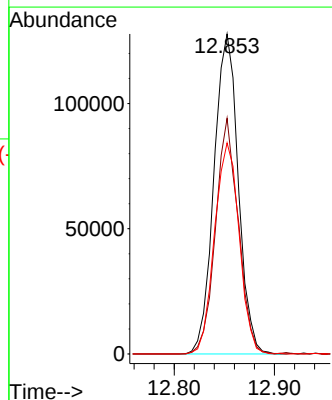
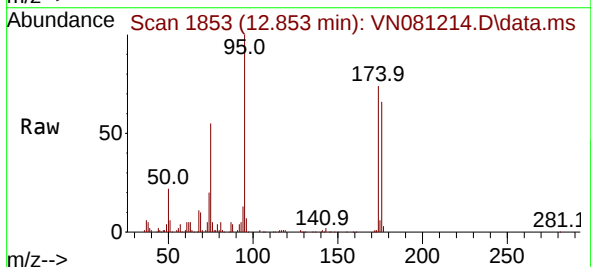
Instrument :
MSVOA_N
ClientSampleId :
TB05-20240221

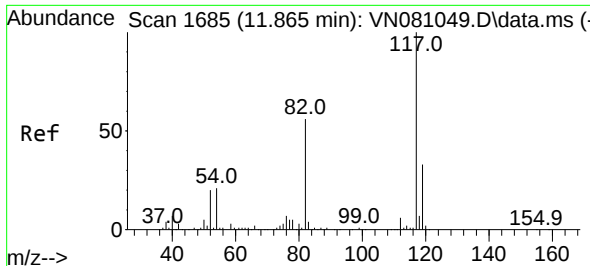
Tgt Ion: 98 Resp: 684148
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.020 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

Tgt Ion: 95 Resp: 214680
Ion Ratio Lower Upper
95 100
174 69.1 0.0 120.4
176 66.8 0.0 121.0

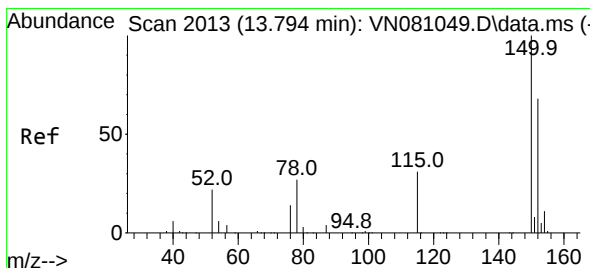
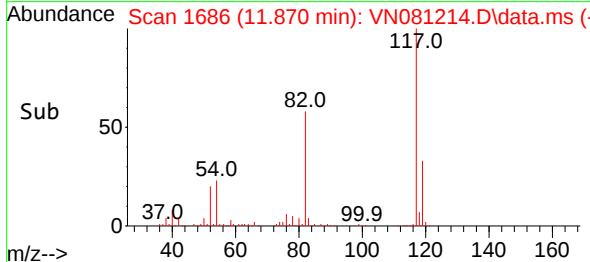
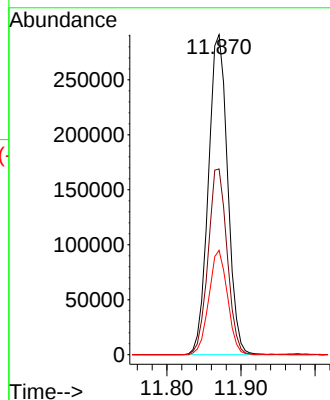
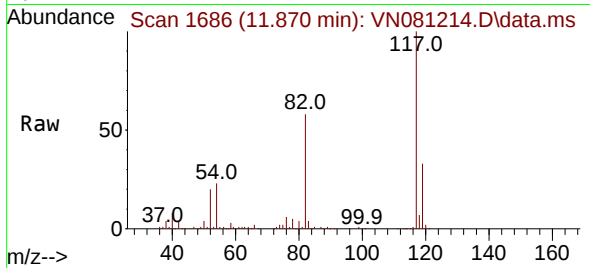




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081214.D
Acq: 27 Feb 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
TB05-20240221

Tgt Ion:117 Resp: 525377
Ion Ratio Lower Upper
117 100
82 58.0 52.7 79.1
119 32.6 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: VN081214.D
Acq: 27 Feb 2024 13:10

Tgt Ion:152 Resp: 200704
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 156.2 0.0 339.8

