

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081033.D
 Acq On : 14 Feb 2024 18:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 15 08:05:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	494402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	929780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	793421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	276123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	312202	51.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.680%
35) Dibromofluoromethane	8.171	113	250186	46.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	10.570	98	820469	43.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.280%
62) 4-Bromofluorobenzene	12.853	95	284821	44.544	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%

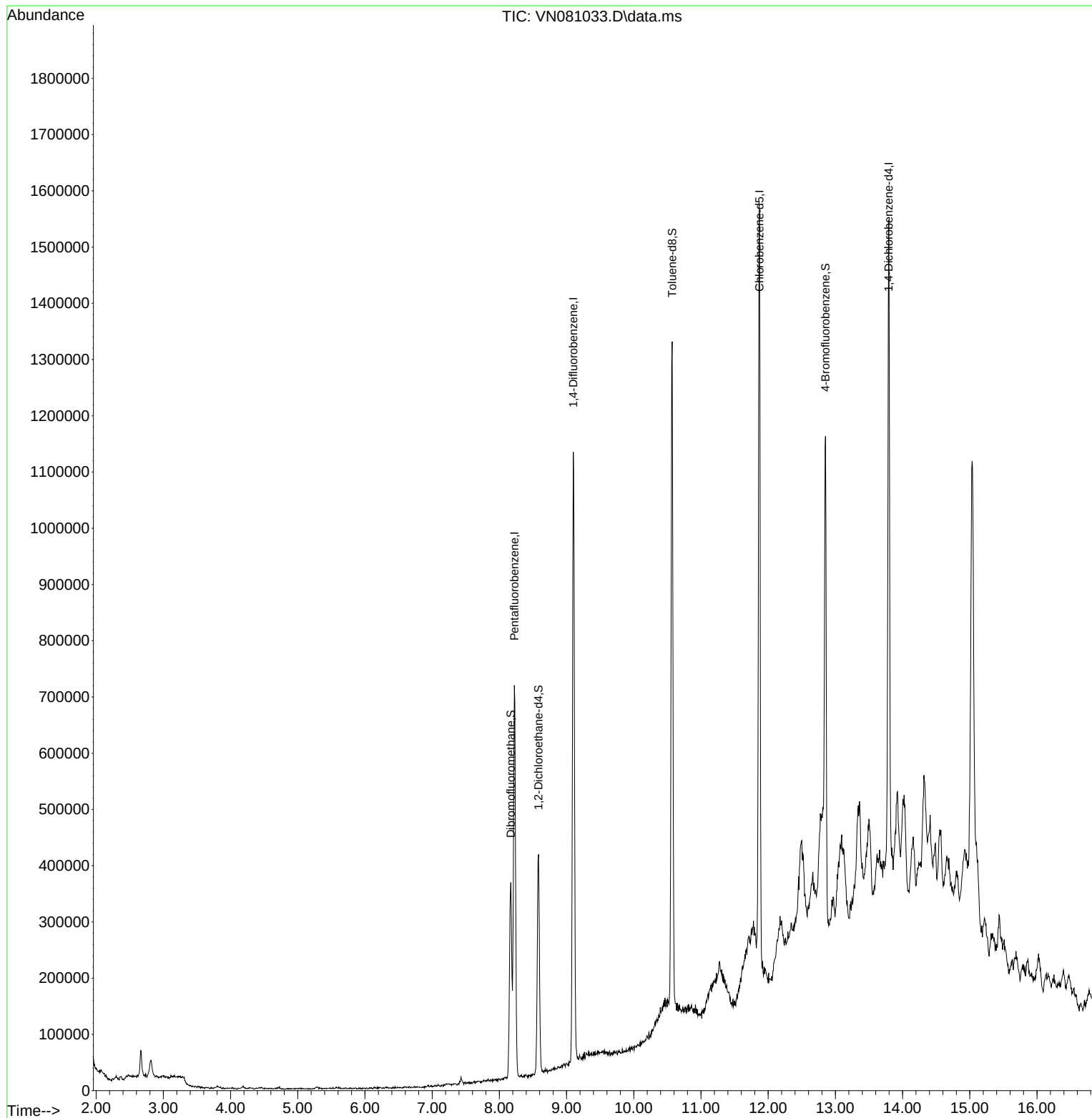
Target Compounds	Qvalue

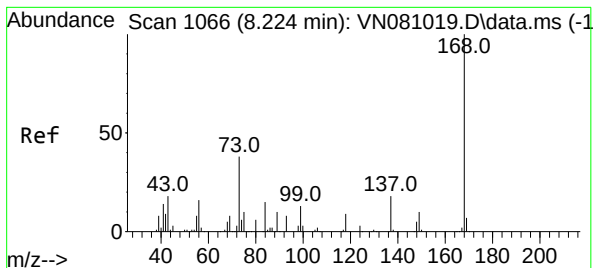
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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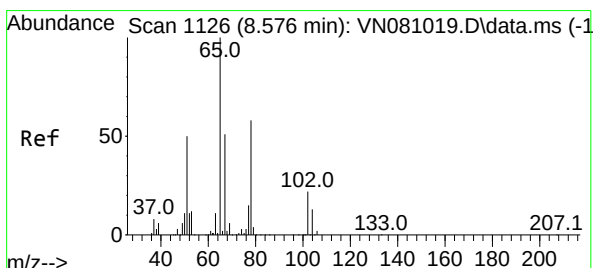
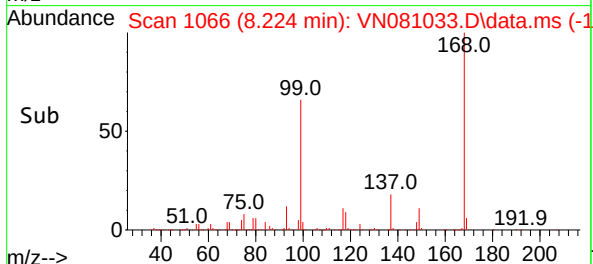
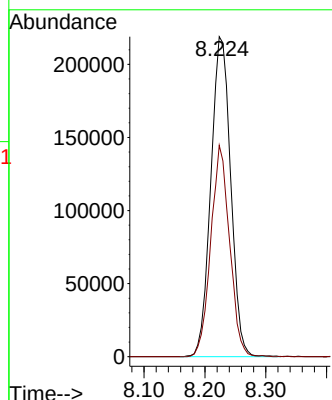
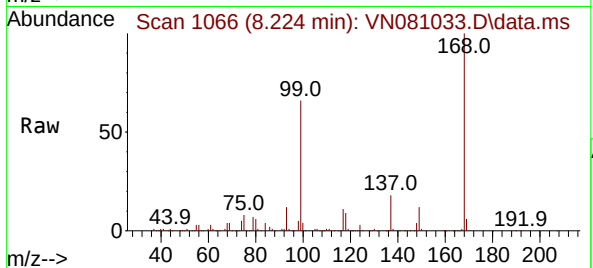




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081033.D
Acq: 14 Feb 2024 18:31

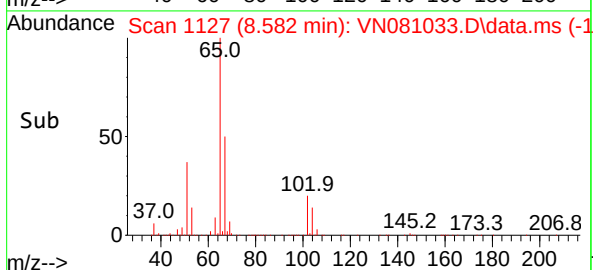
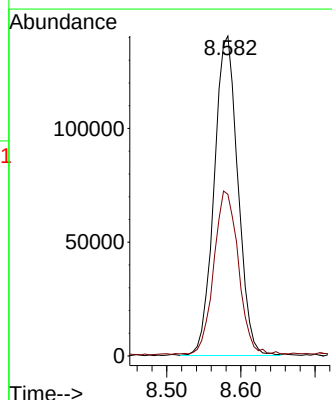
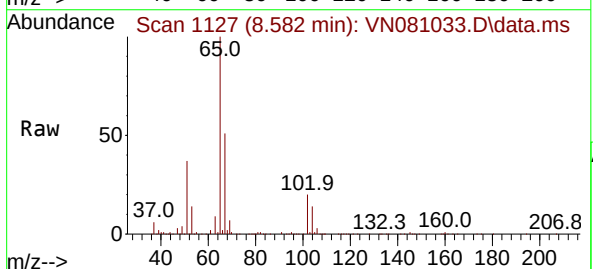
Instrument :
MSVOA_N
ClientSampleId :
IBLK

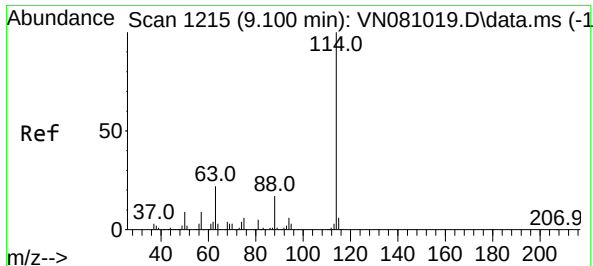
Tgt Ion:168 Resp: 494402
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.339 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081033.D
Acq: 14 Feb 2024 18:31

Tgt Ion: 65 Resp: 312202
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4

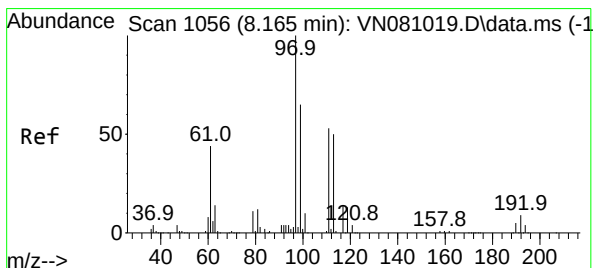
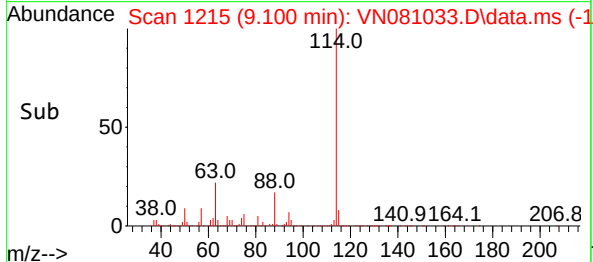
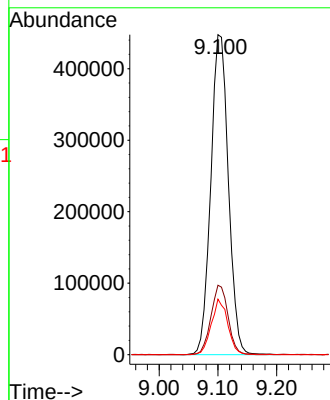
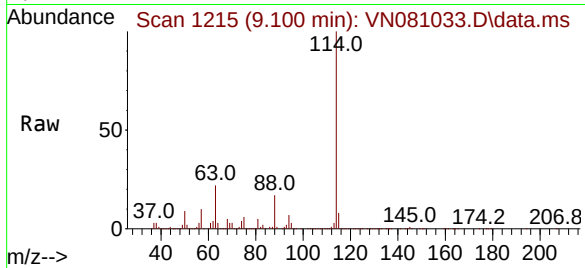




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081033.D
Acq: 14 Feb 2024 18:31

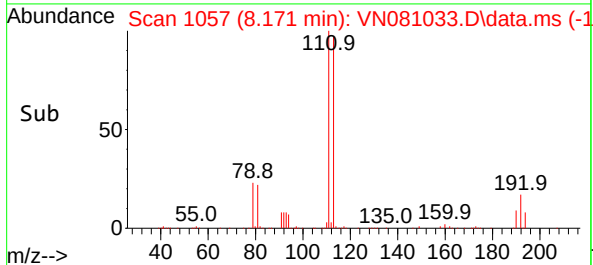
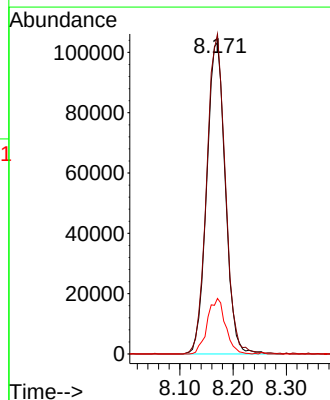
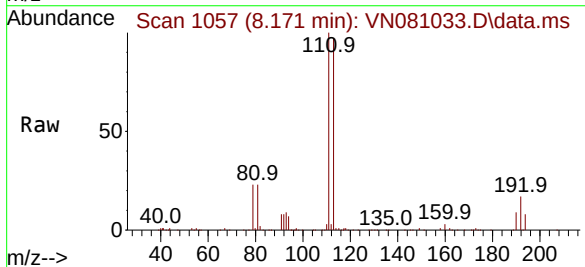
Instrument :
MSVOA_N
ClientSampleId :
IBLK

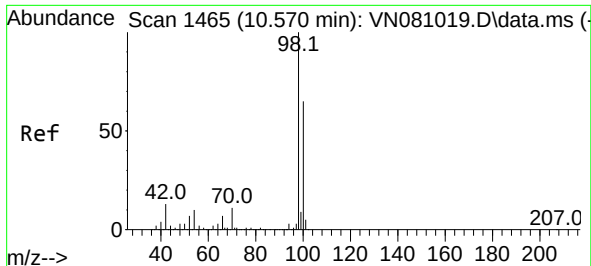
Tgt Ion:114 Resp: 929780
Ion Ratio Lower Upper
114 100
63 21.7 0.0 48.0
88 17.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 46.931 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081033.D
Acq: 14 Feb 2024 18:31

Tgt Ion:113 Resp: 250186
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.4 12.5 18.7

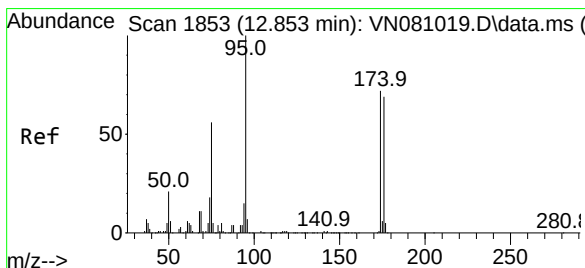
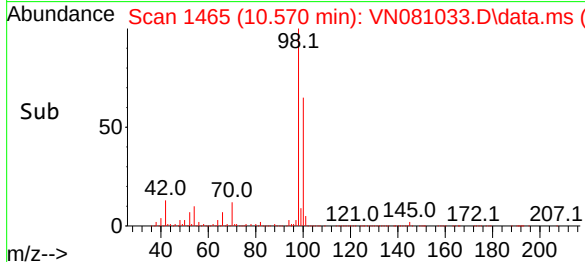
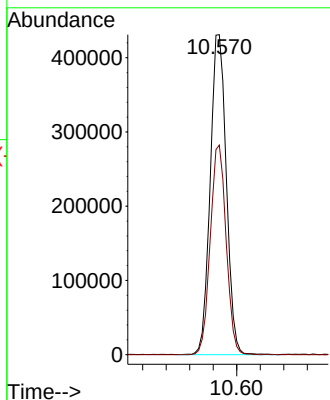
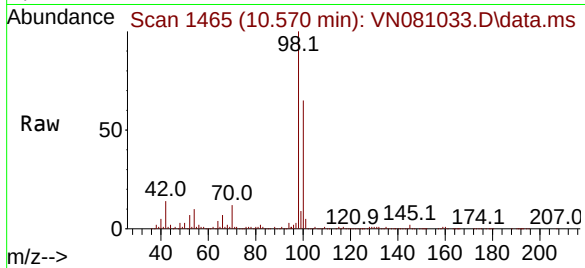




#50
Toluene-d8
Concen: 43.640 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081033.D
Acq: 14 Feb 2024 18:31

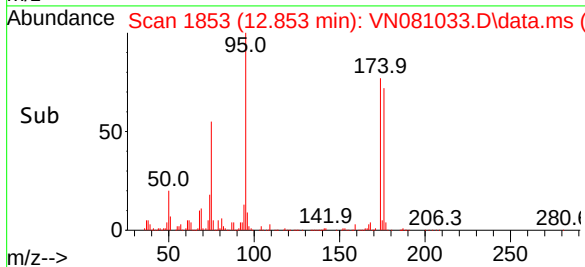
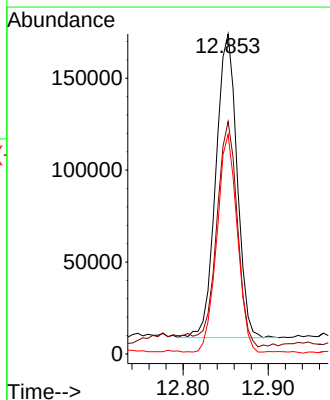
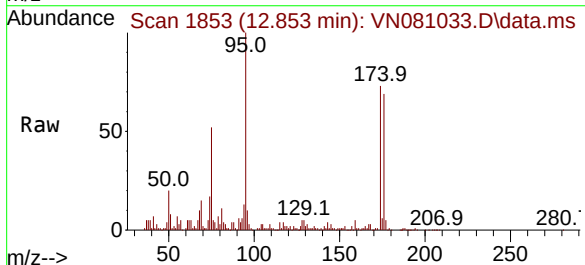
Instrument :
MSVOA_N
ClientSampleId :
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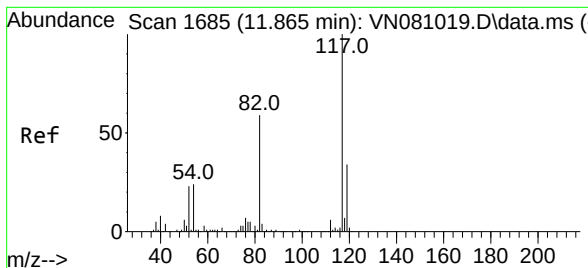
Tgt Ion: 98 Resp: 820469
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.544 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081033.D
Acq: 14 Feb 2024 18:31

Tgt Ion: 95 Resp: 284821
Ion Ratio Lower Upper
95 100
174 72.8 0.0 120.4
176 68.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081033.D

Acq: 14 Feb 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

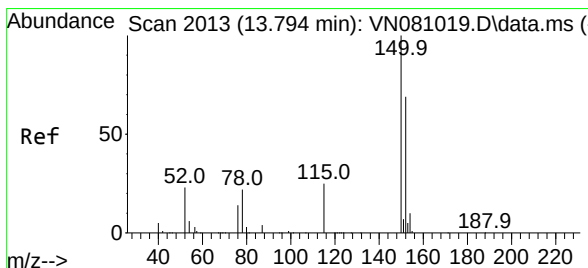
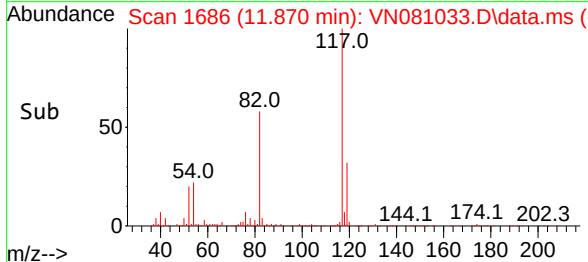
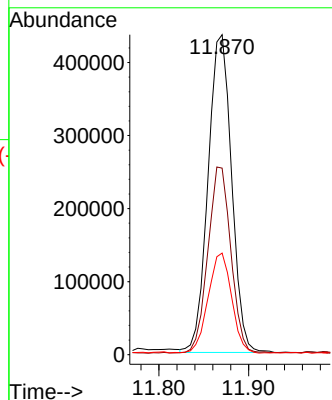
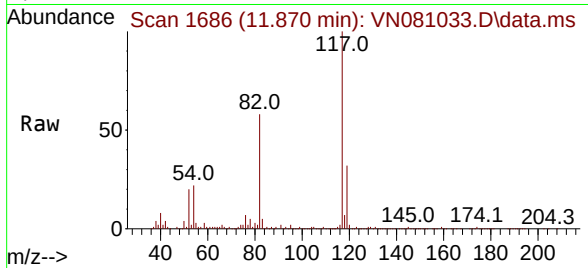
Tgt Ion:117 Resp: 793421

Ion Ratio Lower Upper

117 100

82 58.1 52.7 79.1

119 31.4 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: VN081033.D

Acq: 14 Feb 2024 18:31

Tgt Ion:152 Resp: 276123

Ion Ratio Lower Upper

152 100

115 70.7 32.3 96.8

150 158.9 0.0 339.8

