

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074426.D
 Acq On : 13 Sep 2022 12:08
 Operator : JC\MD
 Sample : VN0913WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBL01

Quant Time: Sep 13 17:13:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	205773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	386291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	380774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	172468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	184217	51.744	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.480%
35) Dibromofluoromethane	7.951	113	143232	54.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.840%
50) Toluene-d8	10.380	98	488810	48.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.674	95	196080	53.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.300%

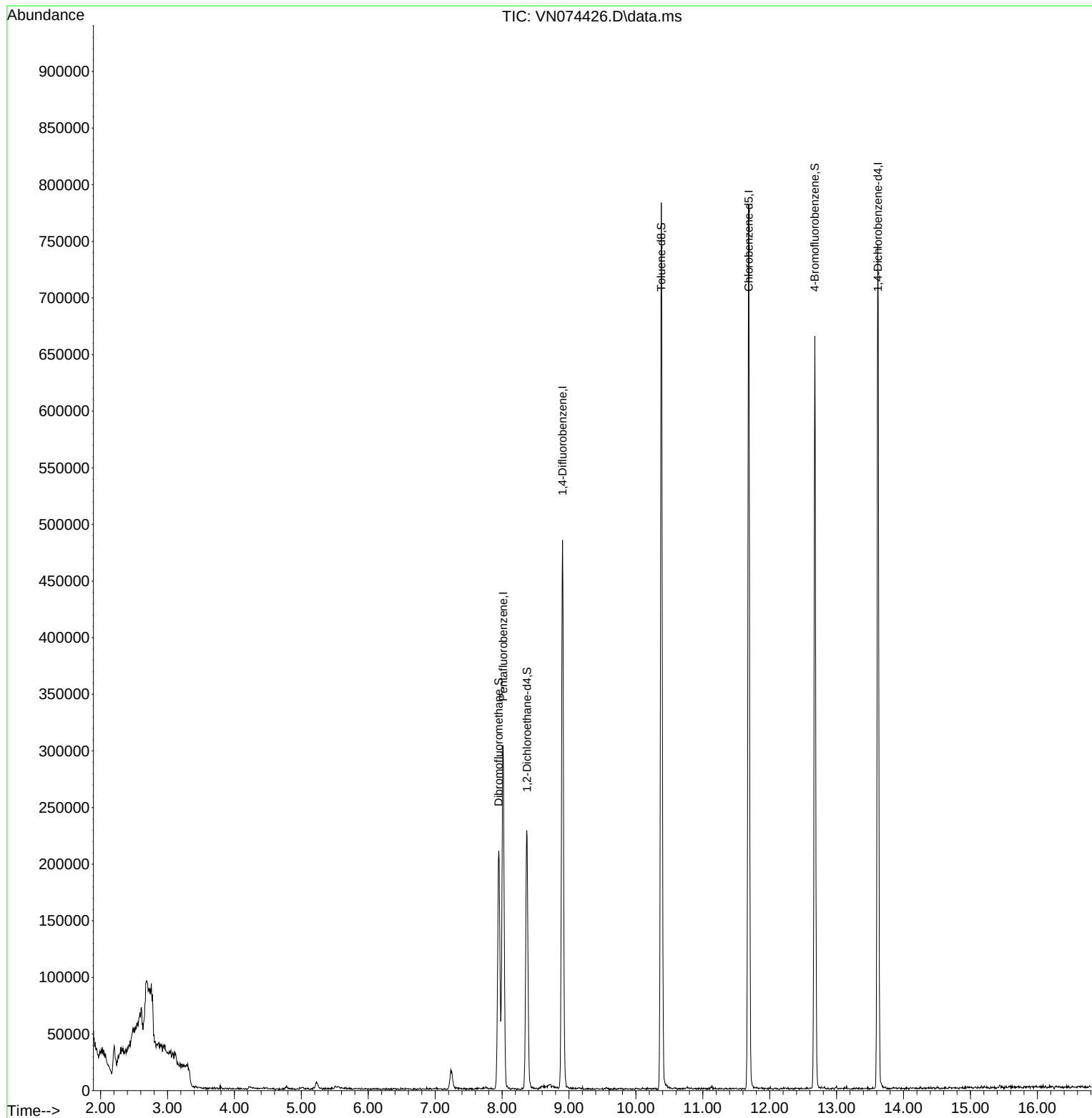
Target Compounds	Qvalue

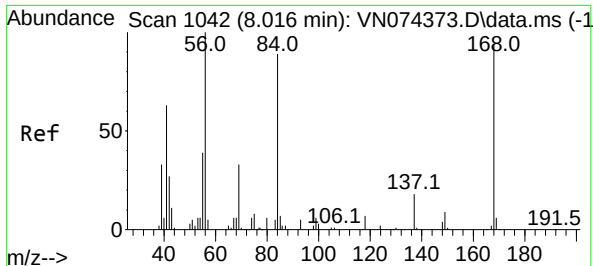
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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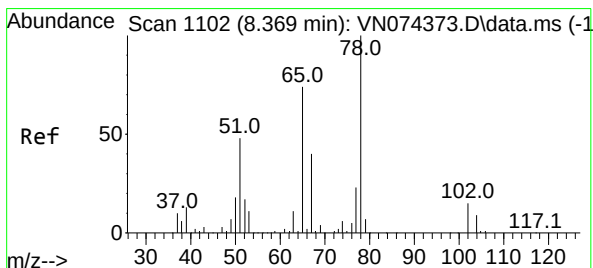
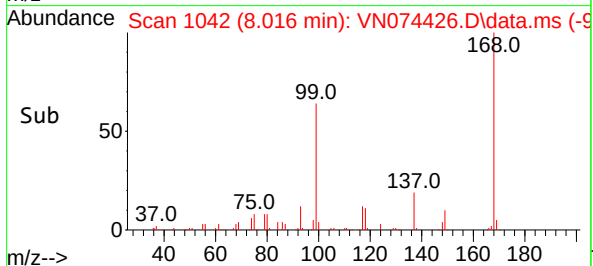
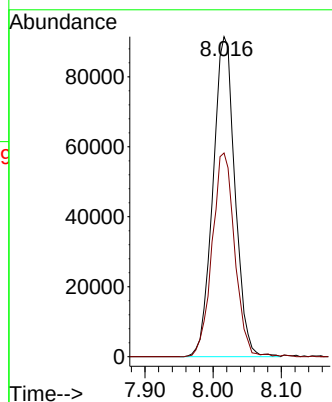
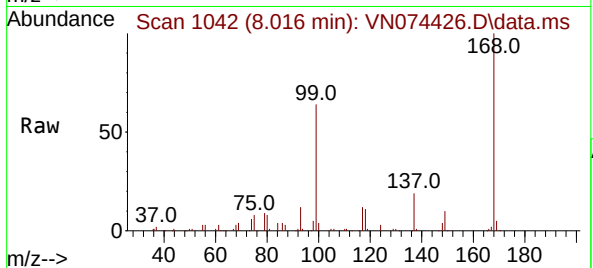




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074426.D
Acq: 13 Sep 2022 12:08

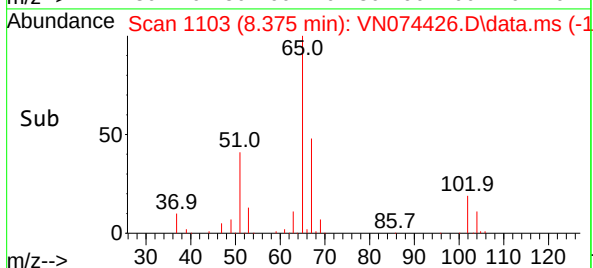
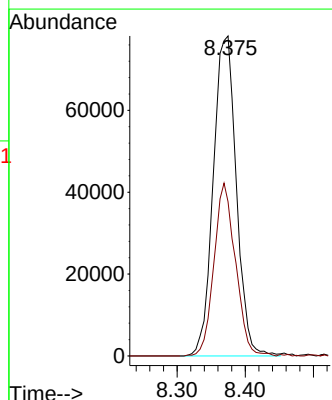
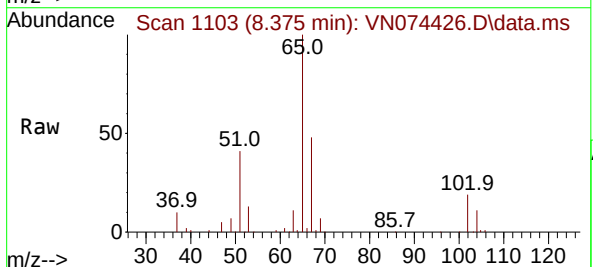
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

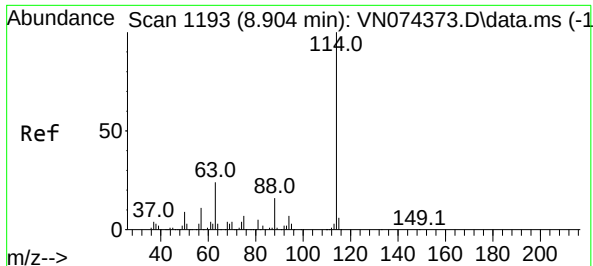
Tgt Ion:168 Resp: 205773
Ion Ratio Lower Upper
168 100
99 63.6 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 51.744 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074426.D
Acq: 13 Sep 2022 12:08

Tgt Ion: 65 Resp: 184217
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

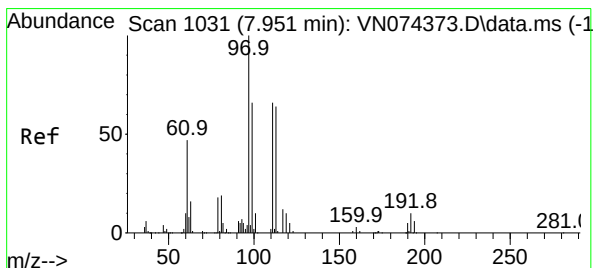
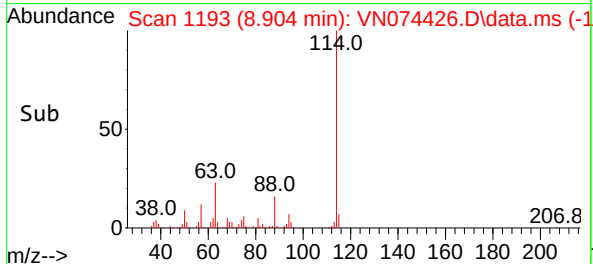
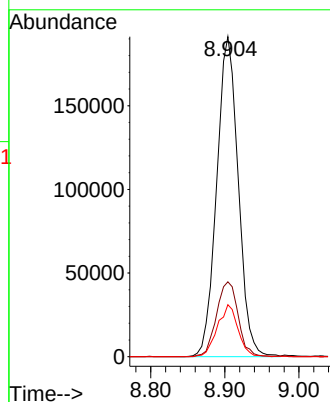
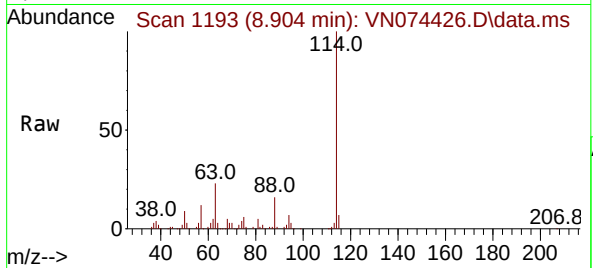




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074426.D
Acq: 13 Sep 2022 12:08

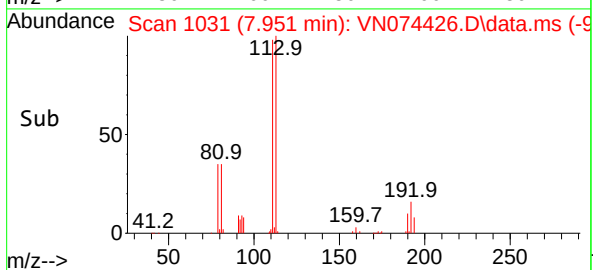
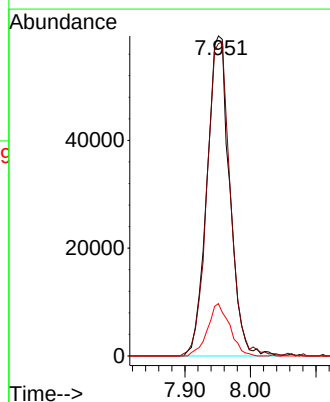
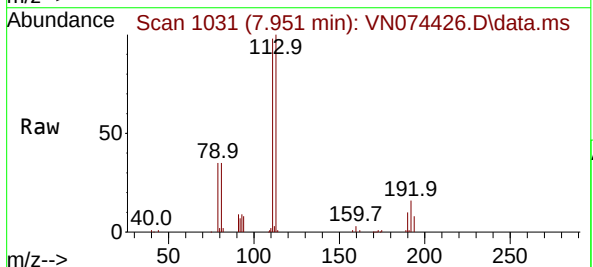
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

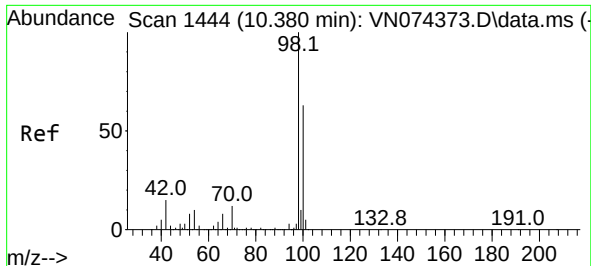
Tgt Ion:114 Resp: 386291
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.924 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074426.D
Acq: 13 Sep 2022 12:08

Tgt Ion:113 Resp: 143232
Ion Ratio Lower Upper
113 100
111 100.3 83.0 124.4
192 16.0 13.7 20.5

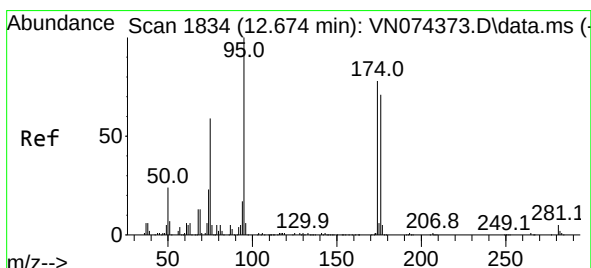
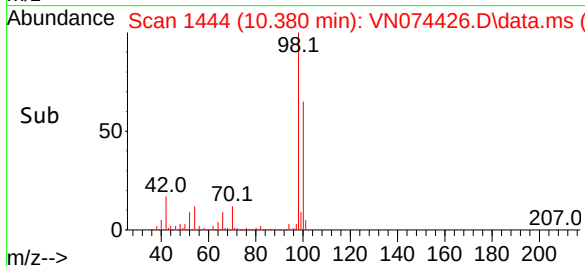
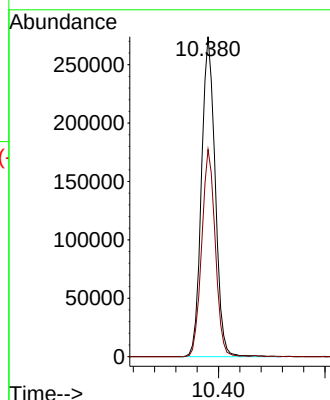
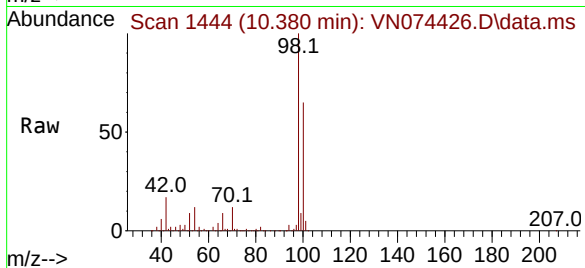




#50
Toluene-d8
Concen: 48.105 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074426.D
Acq: 13 Sep 2022 12:08

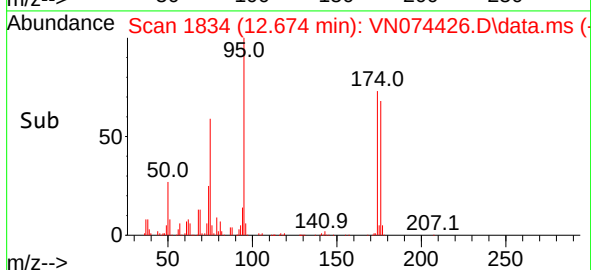
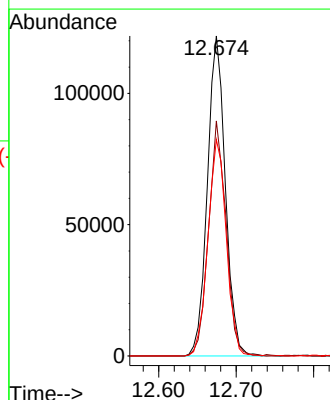
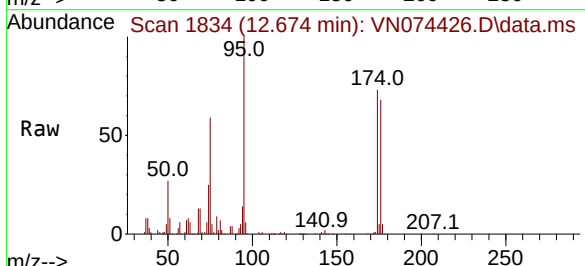
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

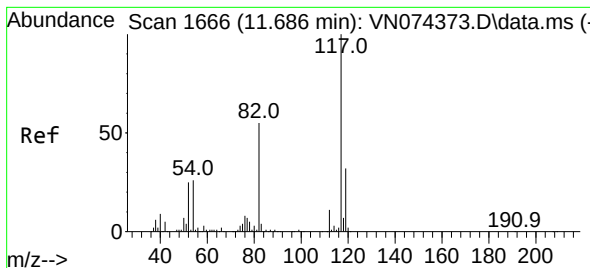
Tgt Ion: 98 Resp: 488810
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 53.149 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074426.D
Acq: 13 Sep 2022 12:08

Tgt Ion: 95 Resp: 196080
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.6
176 69.1 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074426.D

Acq: 13 Sep 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBL01

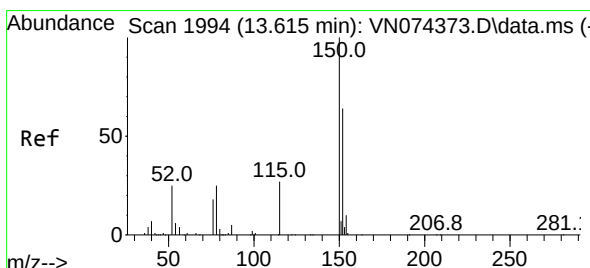
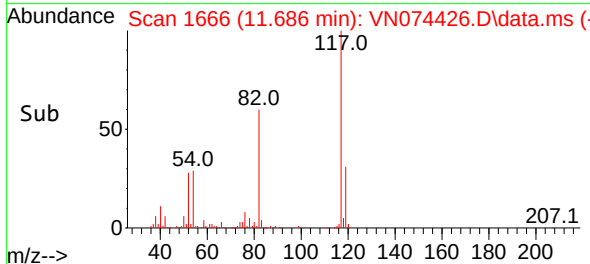
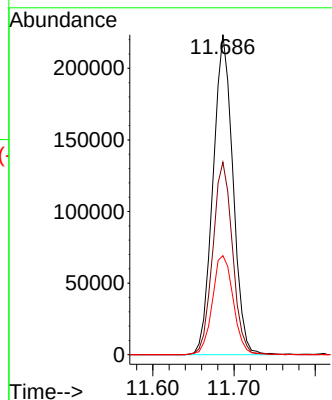
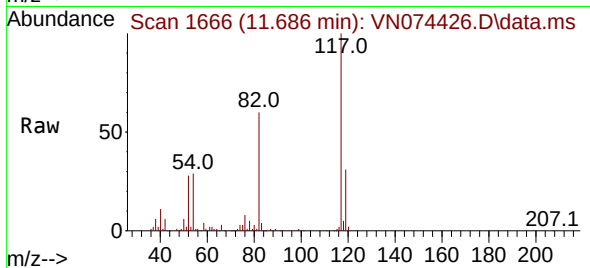
Tgt Ion:117 Resp: 380774

Ion Ratio Lower Upper

117 100

82 60.1 44.3 66.5

119 31.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074426.D

Acq: 13 Sep 2022 12:08

Tgt Ion:152 Resp: 172468

Ion Ratio Lower Upper

152 100

115 61.1 32.0 96.0

150 157.2 0.0 359.6

