

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064256.D
 Acq On : 22 Oct 2020 17:43
 Operator : JC/MD
 Sample : VN1022WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL02

Quant Time: Oct 23 01:26:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46271	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	260582	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	226901	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	127851	33.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.50%#
60) 4-Bromofluorobenzene	12.38	95	119826	29.47	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.23%
63) Toluene-d8	10.06	98	306782	29.86	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.53%

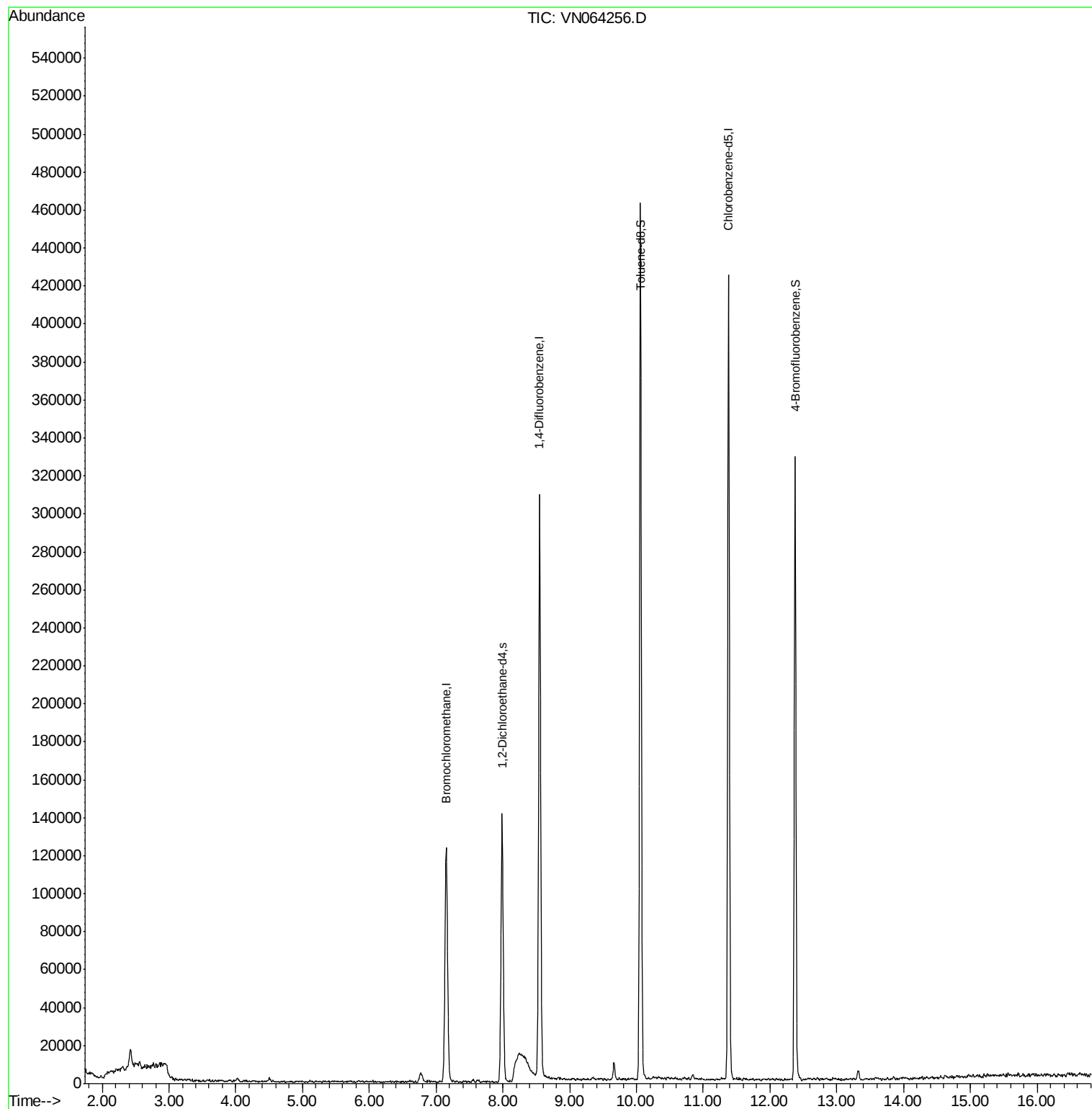
Target Compounds	Ovalue

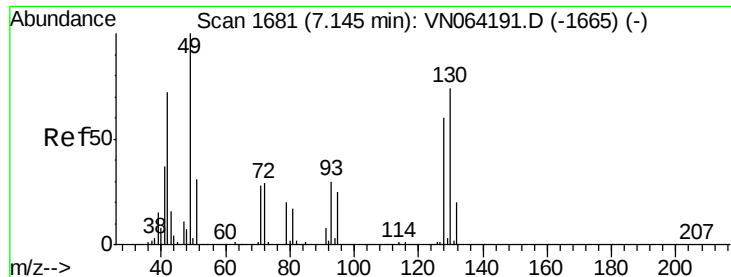
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 16:07:21 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN064256.D

Acq: 22 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL02

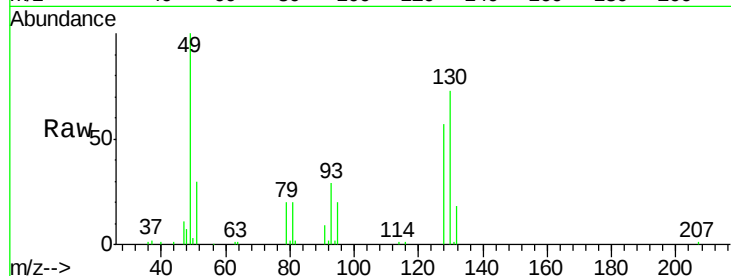
Tot Ion:128 Resp: 46271

Ion Ratio Lower Upper

128 100

49 172.9 0.0 433.3

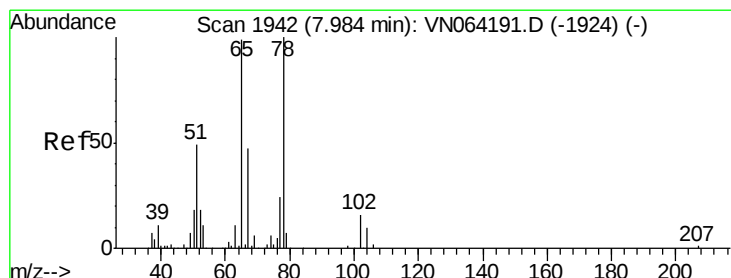
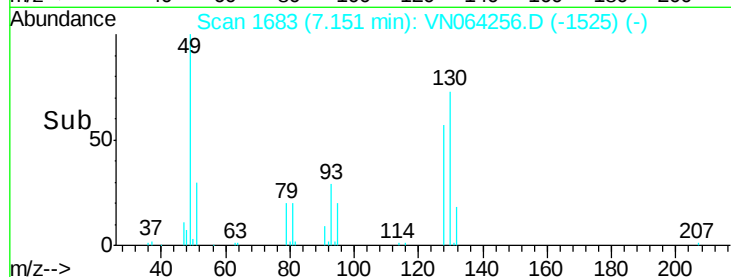
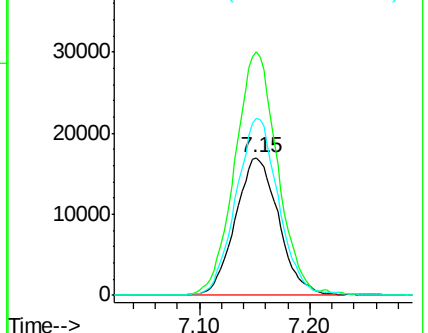
130 123.1 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 33.749 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064256.D

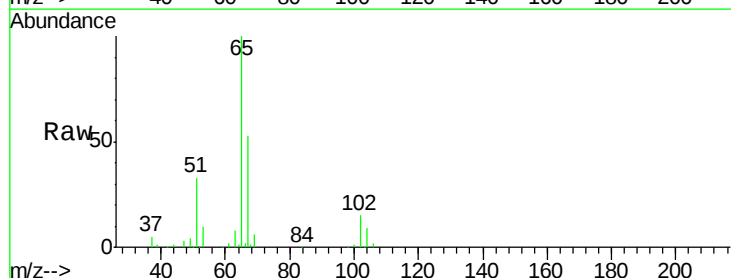
Acq: 22 Oct 2020 17:43

Tgt Ion: 65 Resp: 127851

Ion Ratio Lower Upper

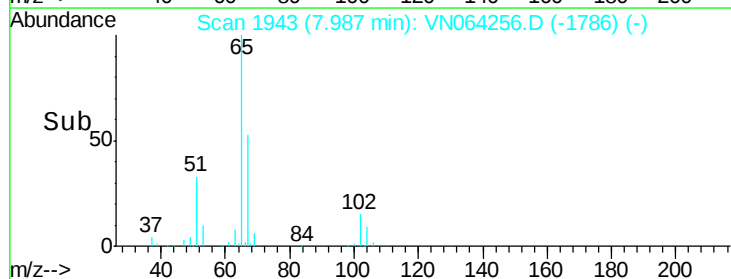
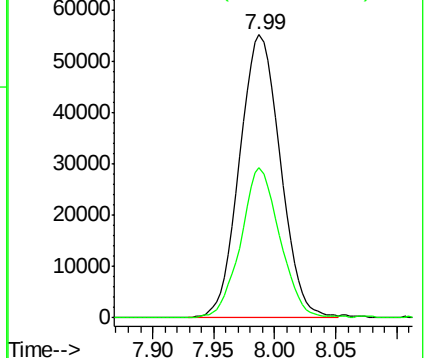
65 100

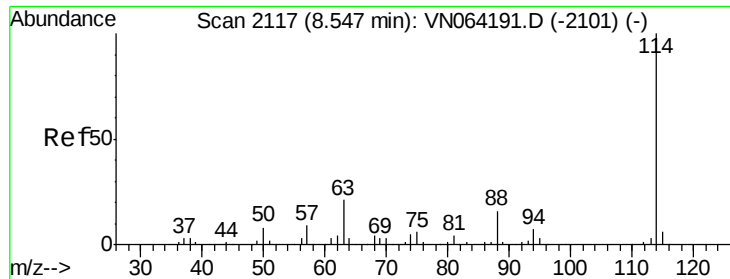
67 50.4 39.8 59.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN064256.D

Acq: 22 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL02

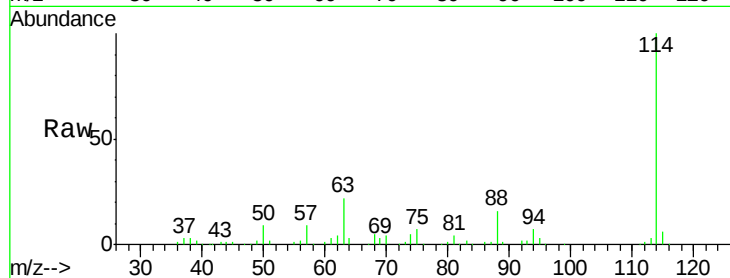
Tot Ion:114 Resp: 260582

Ion Ratio Lower Upper

114 100

63 21.9 17.0 25.4

88 17.2 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

150000

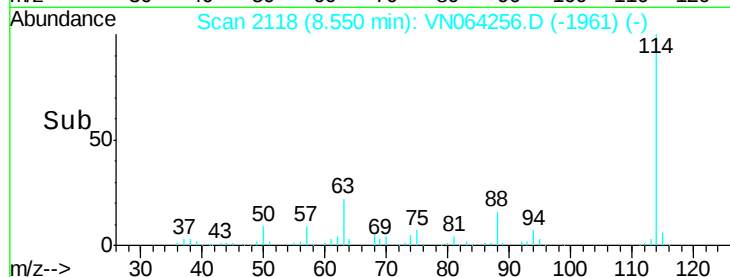
100000

50000

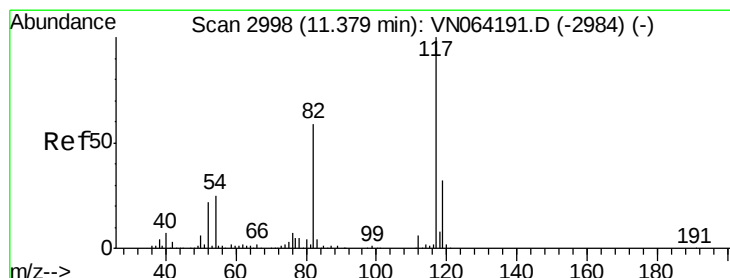
0

8.55

8.45 8.50 8.55 8.60 8.65



Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064256.D

Acq: 22 Oct 2020 17:43

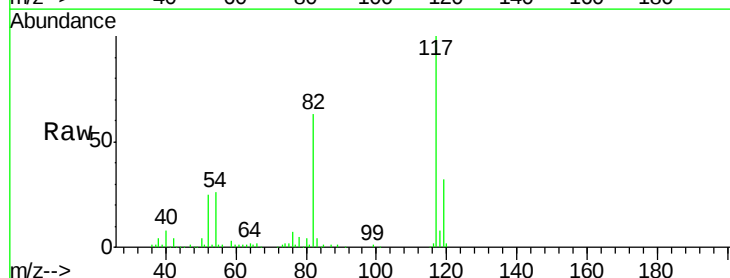
Tgt Ion:117 Resp: 226901

Ion Ratio Lower Upper

117 100

82 61.5 47.8 71.8

119 32.3 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V

150000

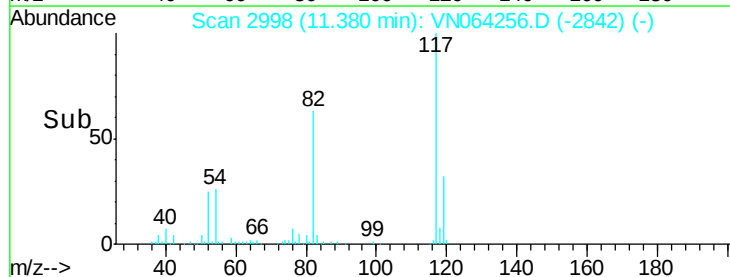
100000

50000

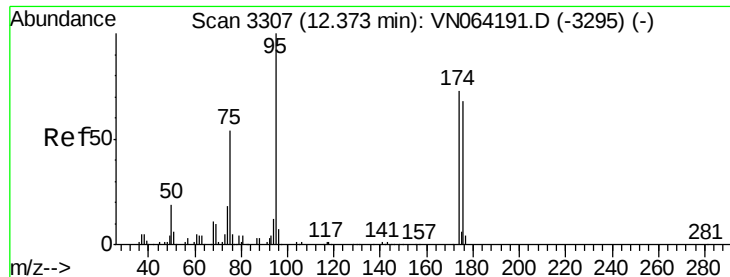
0

11.38

11.30 11.40



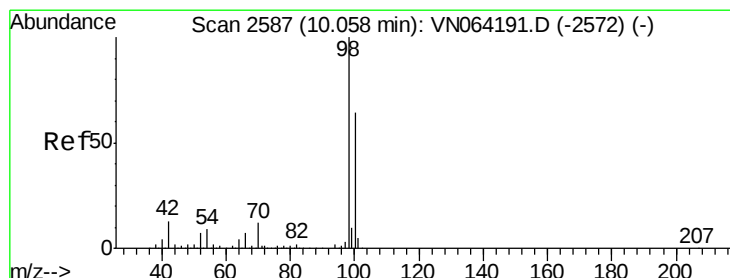
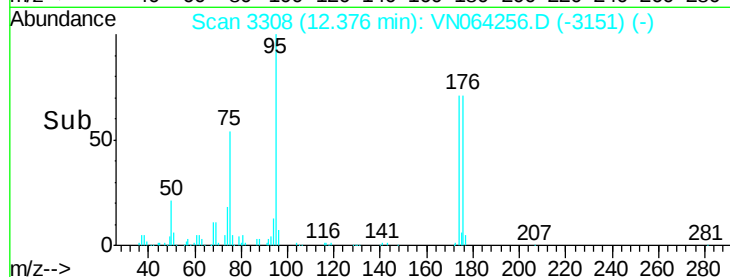
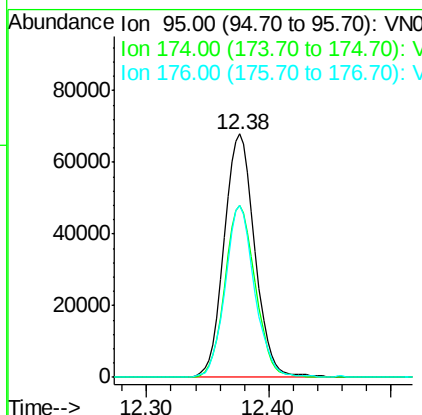
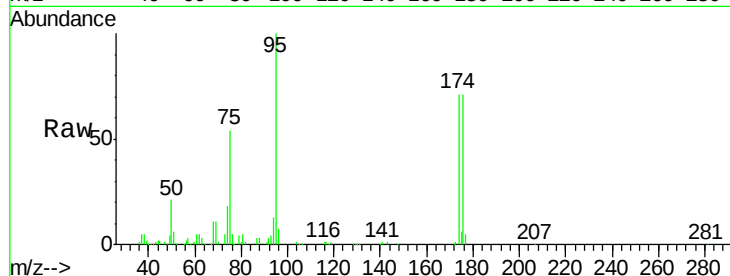
Time-->



#60
 4-Bromofluorobenzene
 Concen: 29.469 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064256.D
 Acq: 22 Oct 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL02

Tot Ion: 95 Resp: 119826
 Ion Ratio Lower Upper
 95 100
 174 69.8 57.6 86.4
 176 67.8 54.9 82.3



#63
 Toluene-d8
 Concen: 29.864 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064256.D
 Acq: 22 Oct 2020 17:43

Tgt Ion: 98 Resp: 306782
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.2

