

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064043.D
 Acq On : 9 Oct 2020 17:14
 Operator : JC/MD
 Sample : L4327-04 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Oct 10 02:08:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44859	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	216015	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	201026	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	118842	29.50	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.33%
60) 4-Bromofluorobenzene	12.38	95	77420	22.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.07%
63) Toluene-d8	10.06	98	271596	29.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.37%

Target Compounds

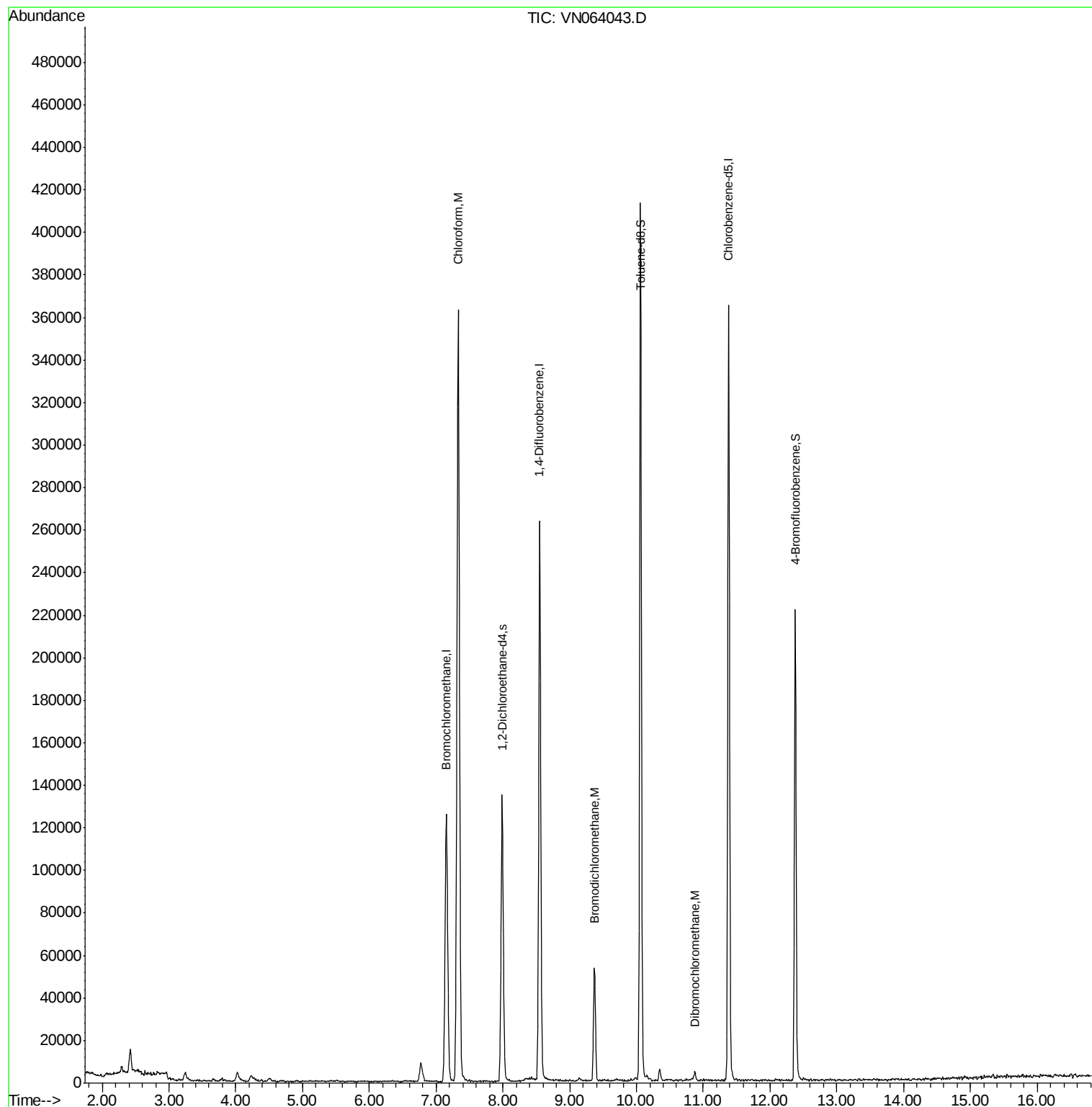
					Ovalue
25) Chloroform	7.33	83	376201	65.804 ug/l	99
41) Bromodichloromethane	9.37	83	35812	8.442 ug/l	98
53) Dibromochloromethane	10.87	129	1826	0.582 ug/l	93

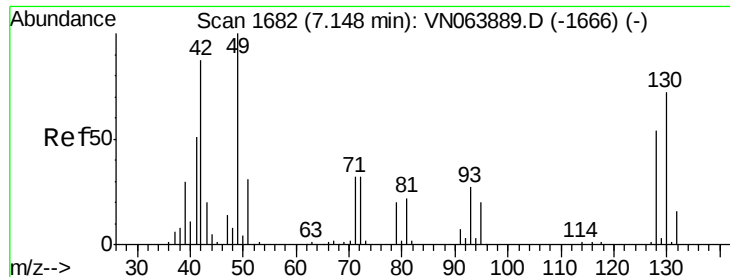
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100920\
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QLast Update : Tue Oct 06 16:42:38 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN064043.D

Acq: 9 Oct 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

14B-4

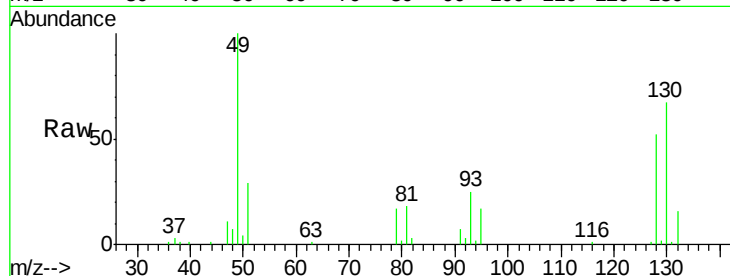
Tot Ion:128 Resp: 44859

Ion Ratio Lower Upper

128 100

49 191.7 0.0 437.5

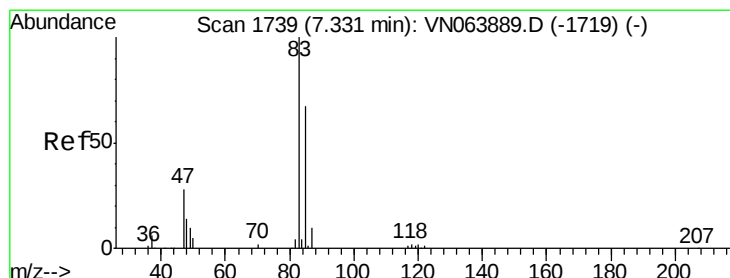
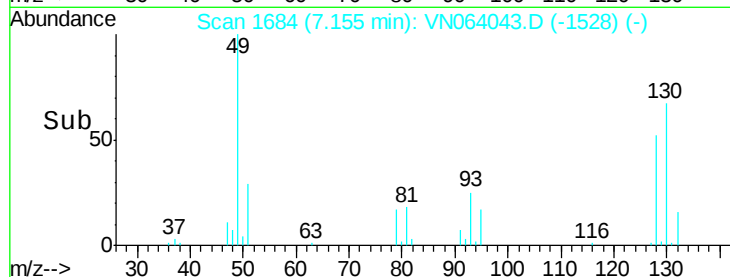
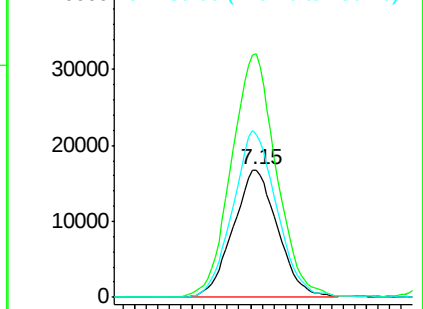
130 128.2 0.0 327.3



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



#25

Chloroform

Concen: 65.804 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064043.D

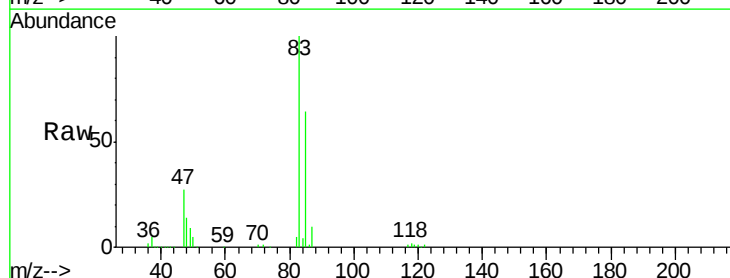
Acq: 9 Oct 2020 17:14

Tgt Ion: 83 Resp: 376201

Ion Ratio Lower Upper

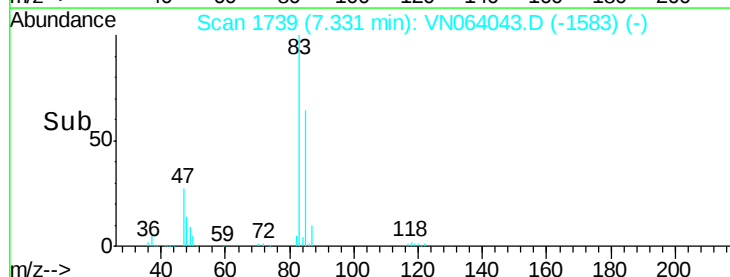
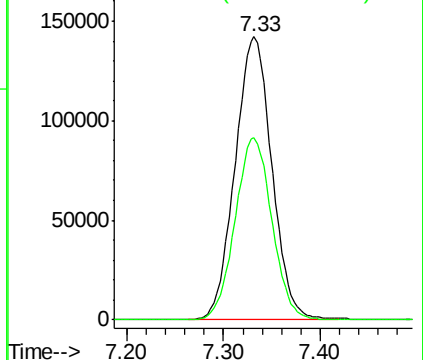
83 100

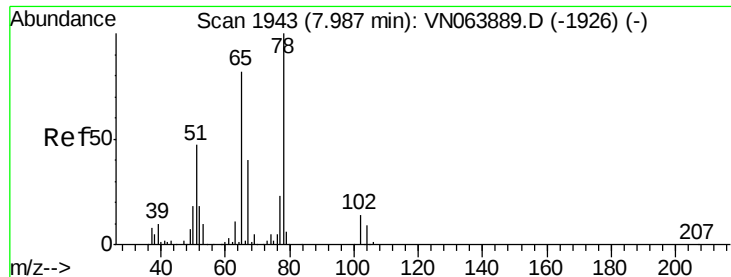
85 64.4 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 29.498 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064043.D

Acq: 9 Oct 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

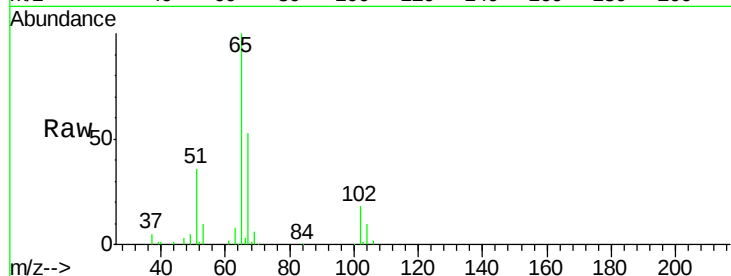
14B-4

Tot Ion: 65 Resp: 118842

Ion Ratio Lower Upper

65 100

67 51.4 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063889.D (-1926) (-)

Ion 67.00 (66.70 to 67.70): VN063889.D (-1926) (-)

7.99

60000

50000

40000

30000

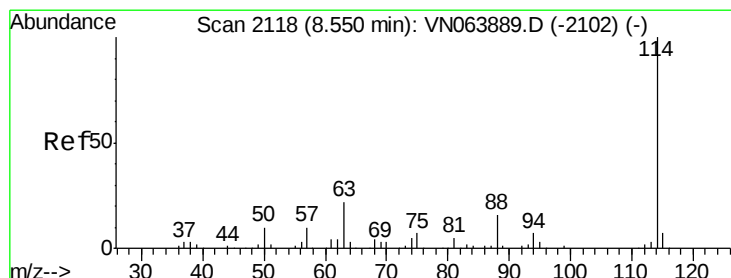
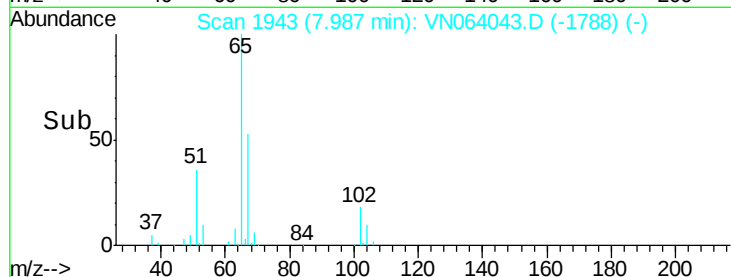
20000

10000

0

7.90 8.00 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064043.D

Acq: 9 Oct 2020 17:14

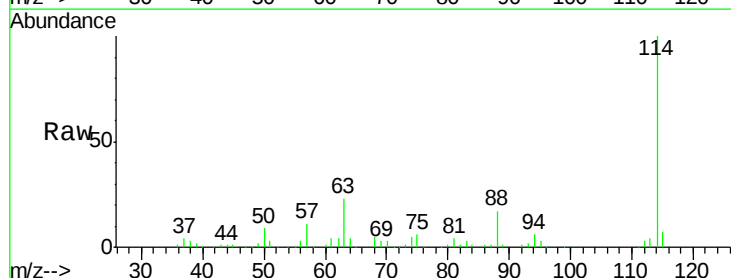
Tgt Ion: 114 Resp: 216015

Ion Ratio Lower Upper

114 100

63 23.1 17.0 25.6

88 17.0 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): VN063889.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN063889.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN063889.D (-2102) (-)

8.55

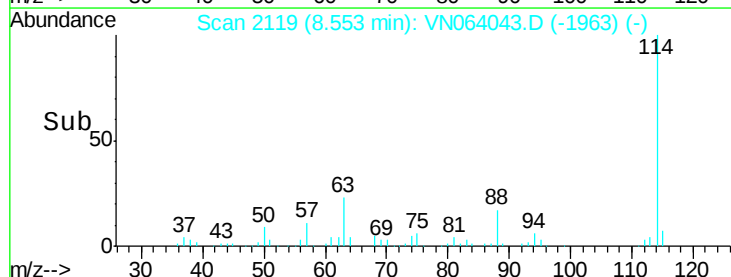
100000

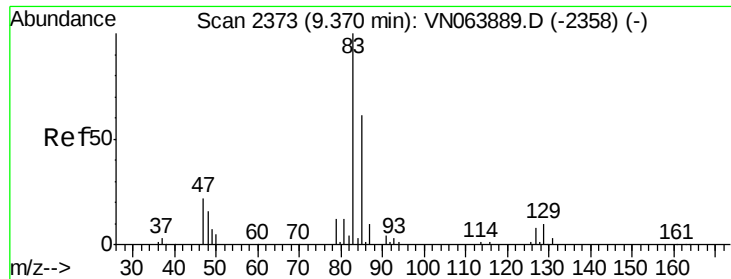
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->





#41

Bromodichloromethane

Concen: 8.442 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.01 min

Lab File: VN064043.D

Acq: 9 Oct 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

14B-4

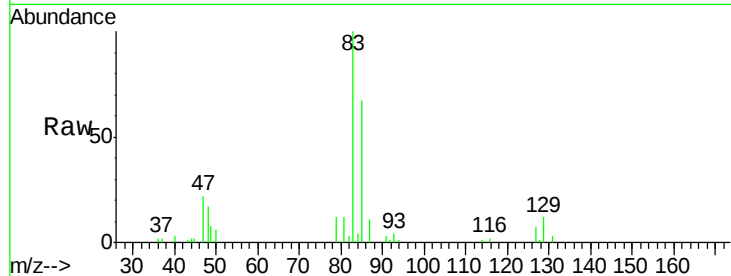
Tot Ion: 83 Resp: 35812

Ion Ratio Lower Upper

83 100

85 66.7 52.6 79.0

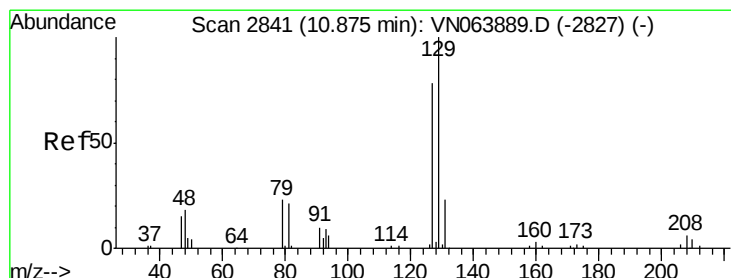
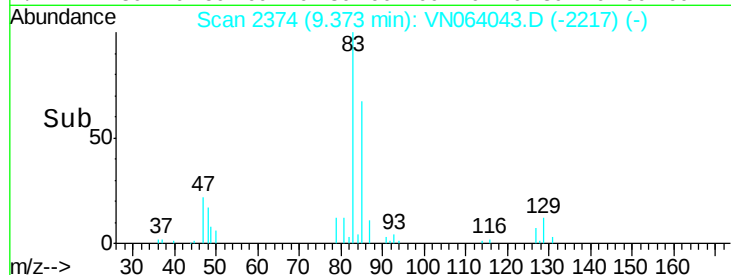
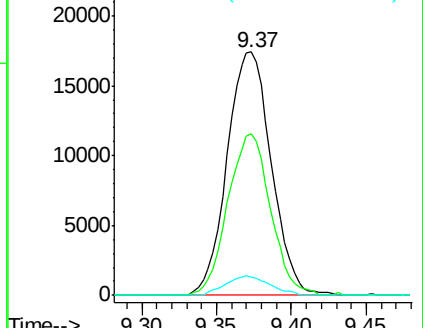
127 7.4 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN064043.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064043.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064043.D (-2217) (-)



#53

Dibromochloromethane

Concen: 0.582 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064043.D

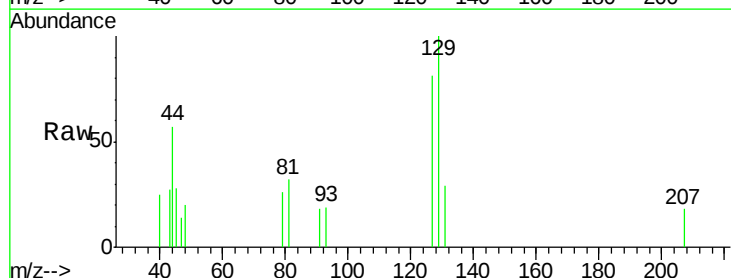
Acq: 9 Oct 2020 17:14

Tgt Ion: 129 Resp: 1826

Ion Ratio Lower Upper

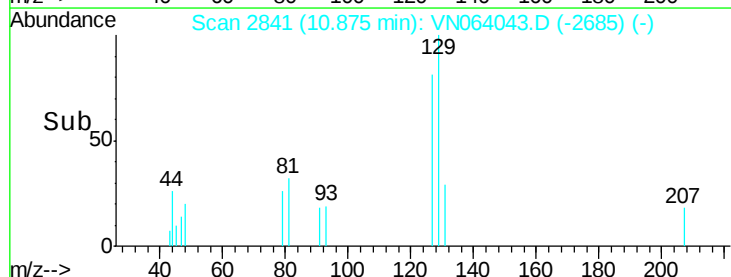
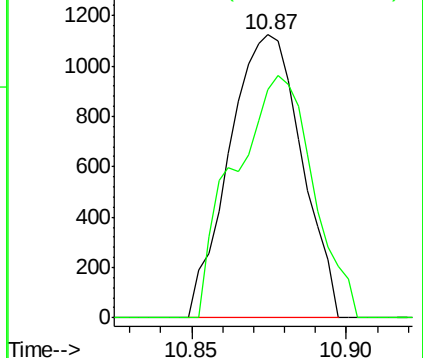
129 100

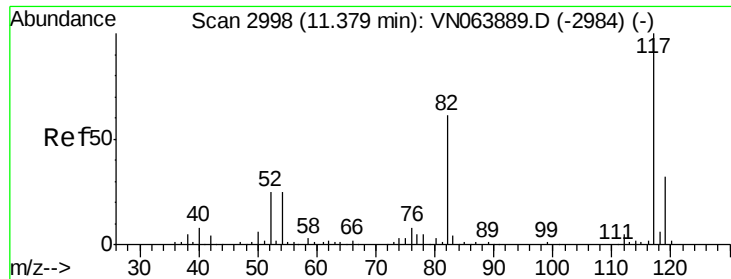
127 71.7 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): VN064043.D (-2685) (-)

Ion 127.00 (126.70 to 127.70): VN064043.D (-2685) (-)

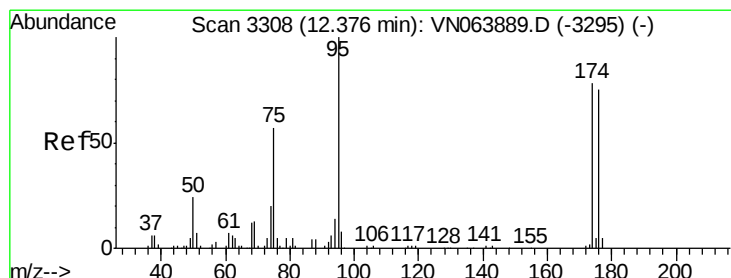
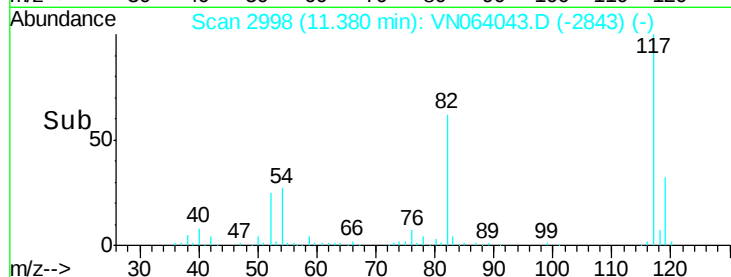
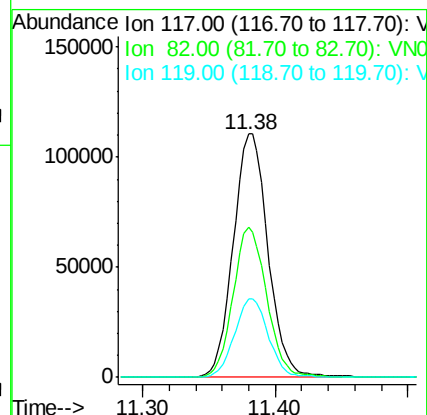
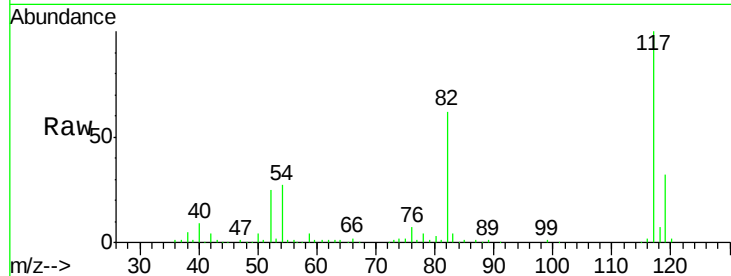




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064043.D
Acq: 9 Oct 2020 17:14

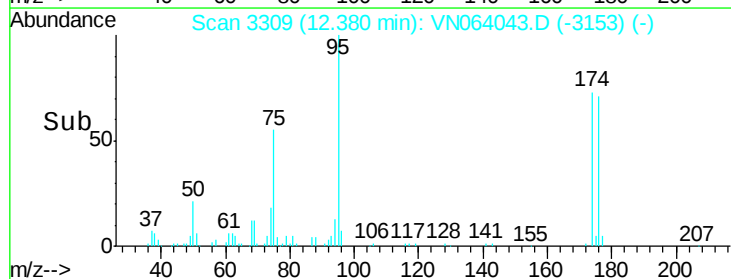
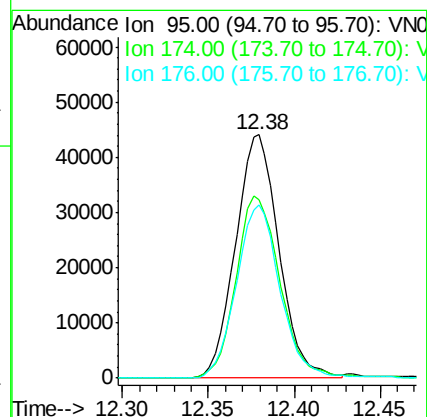
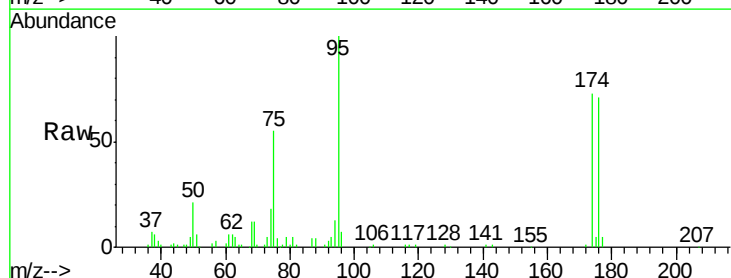
Instrument :
MSVOA_N
ClientSampled :
14B-4

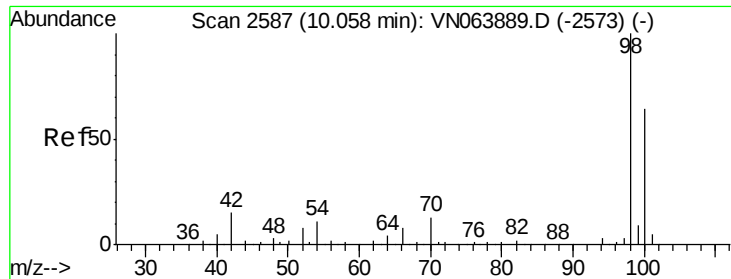
Tot Ion:117 Resp: 201026
Ion Ratio Lower Upper
117 100
82 59.9 44.9 67.3
119 31.5 26.0 39.0



#60
4-Bromofluorobenzene
Concen: 22.520 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN064043.D
Acq: 9 Oct 2020 17:14

Tgt Ion: 95 Resp: 77420
Ion Ratio Lower Upper
95 100
174 76.0 70.1 105.1
176 71.2 66.8 100.2





#63

Toluene-d8

Concen: 29.812 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064043.D

Acq: 9 Oct 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

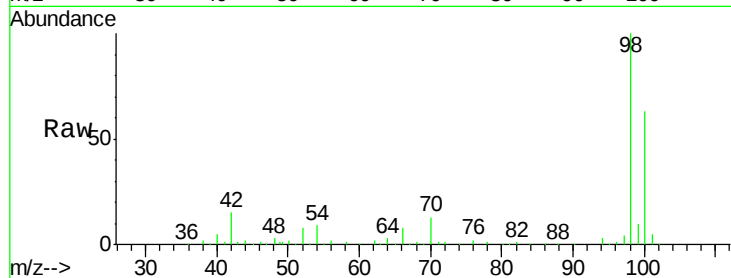
14B-4

Tot Ion: 98 Resp: 271596

Ion Ratio Lower Upper

98 100

100 62.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN064043.D (-2432) (-)

