

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064041.D
 Acq On : 9 Oct 2020 16:26
 Operator : JC/MD
 Sample : L4327-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Oct 10 02:01:46 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	43532	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	214223	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	200055	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	118663	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	12.38	95	80085	23.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.03%
63) Toluene-d8	10.06	98	267438	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

Target Compounds

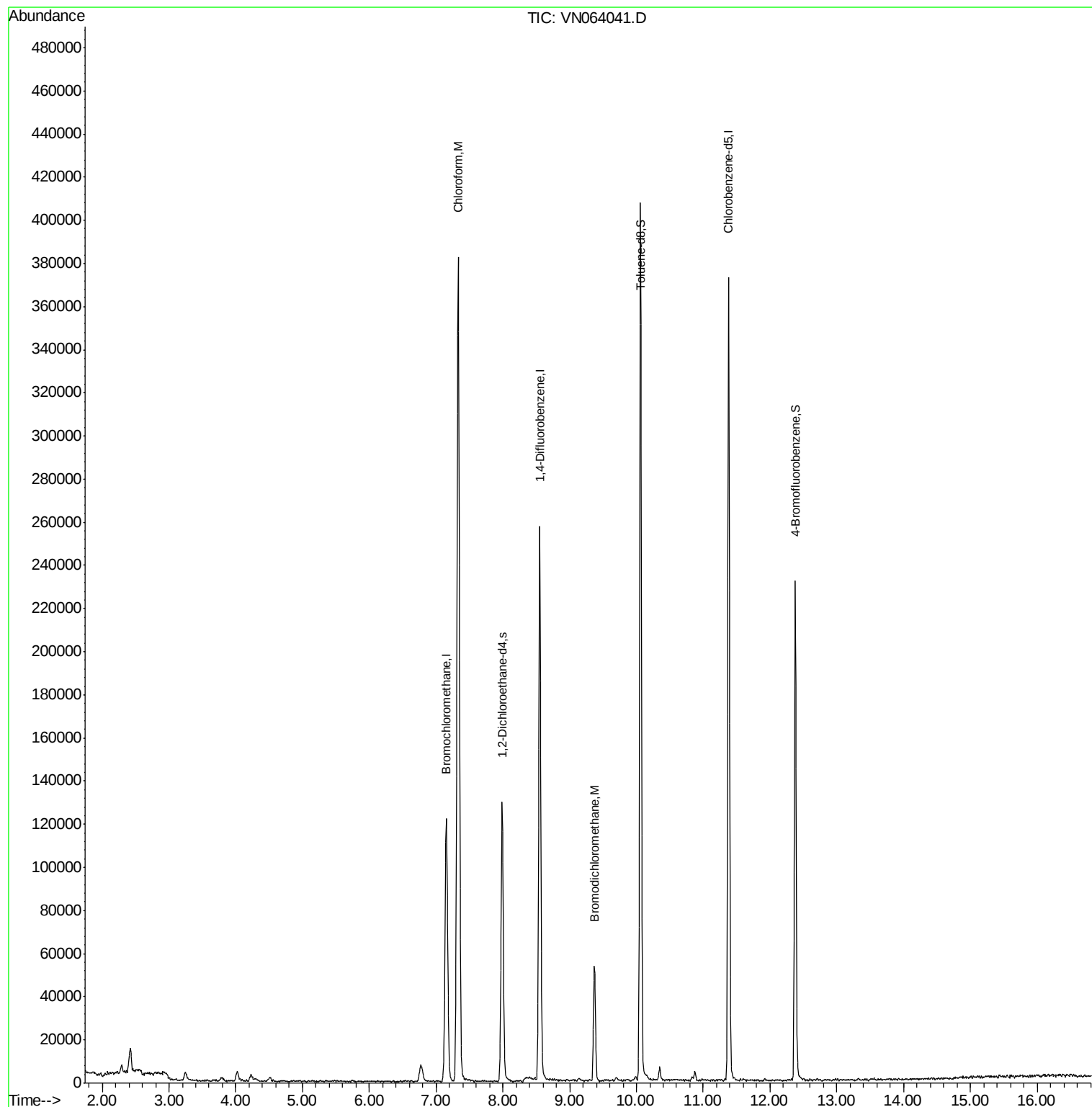
					Ovalue	
25) Chloroform	7.33	83	395863	71.354	ug/l	99
41) Bromodichloromethane	9.37	83	36647	8.711	ug/l #	90

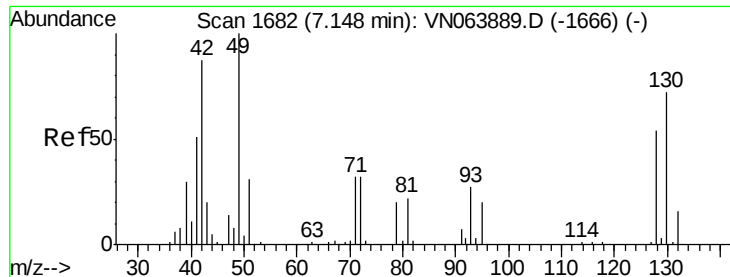
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064041.D

Acq: 9 Oct 2020 16:26

Instrument :

MSVOA_N

ClientSampled :

14B-2

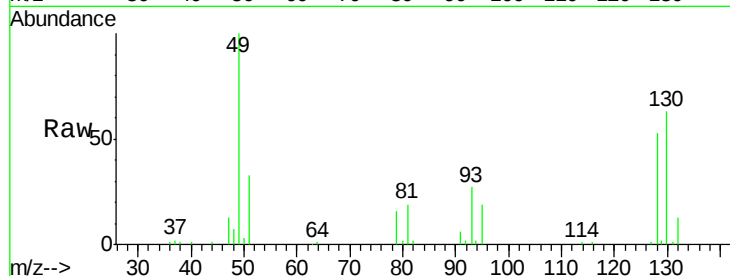
Tot Ion:128 Resp: 43532

Ion Ratio Lower Upper

128 100

49 197.1 0.0 437.5

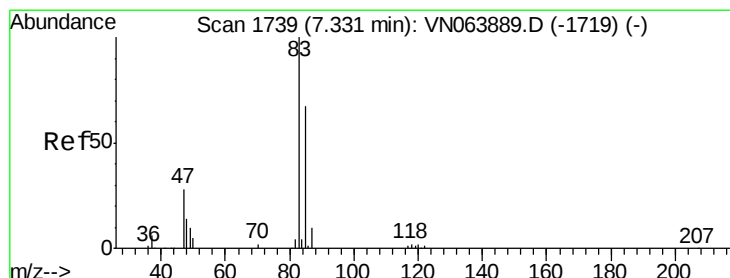
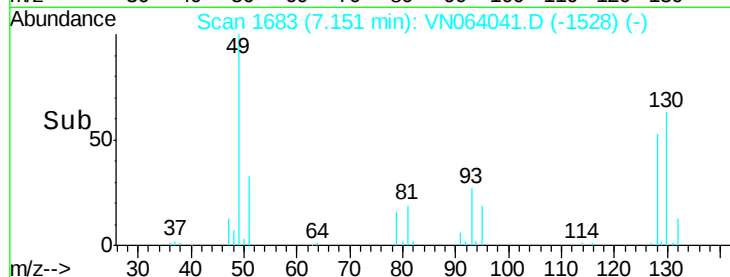
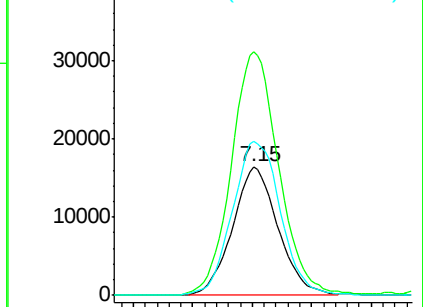
130 126.6 0.0 327.3



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: 71.354 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064041.D

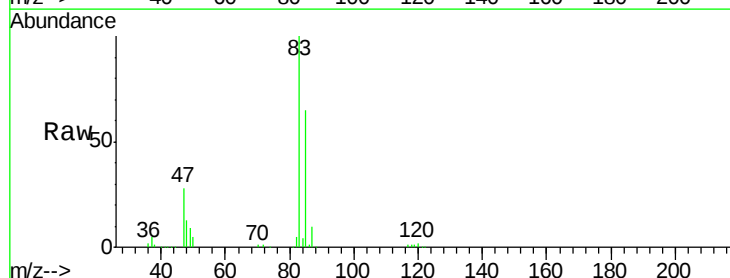
Acq: 9 Oct 2020 16:26

Tgt Ion: 83 Resp: 395863

Ion Ratio Lower Upper

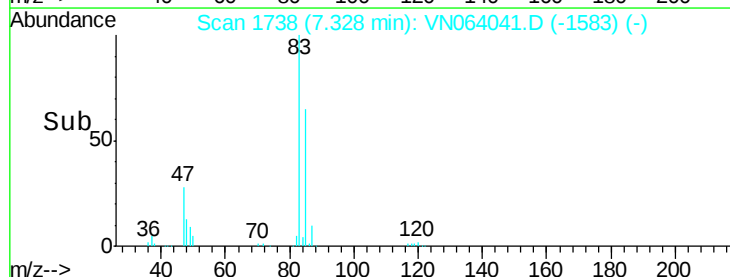
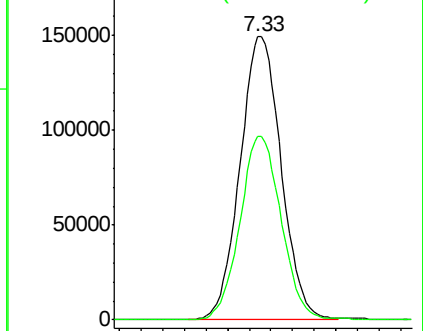
83 100

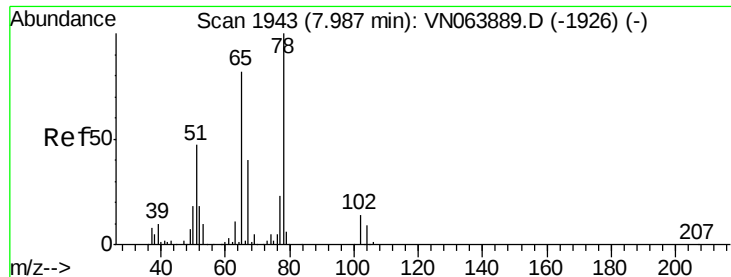
85 64.7 51.0 76.4



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: 30.352 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064041.D

Acq: 9 Oct 2020 16:26

Instrument :

MSVOA_N

ClientSampled :

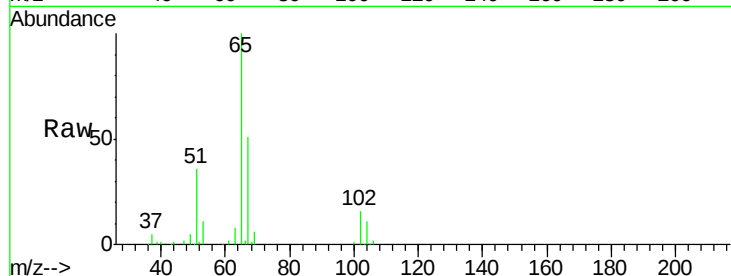
14B-2

Tot Ion: 65 Resp: 118663

Ion Ratio Lower Upper

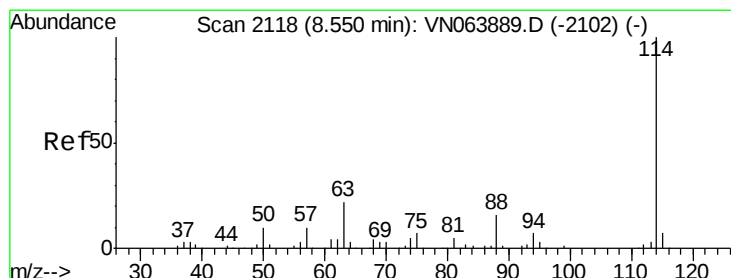
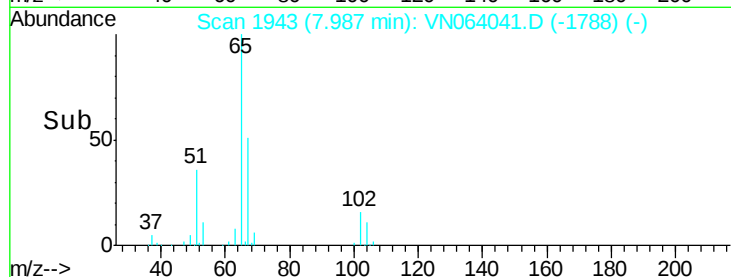
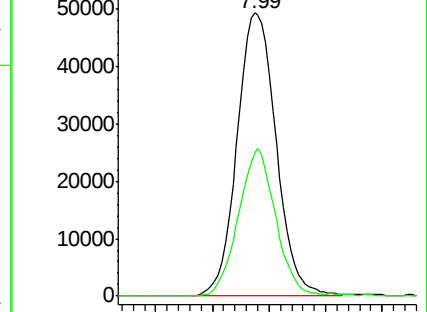
65 100

67 49.4 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) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064041.D

Acq: 9 Oct 2020 16:26

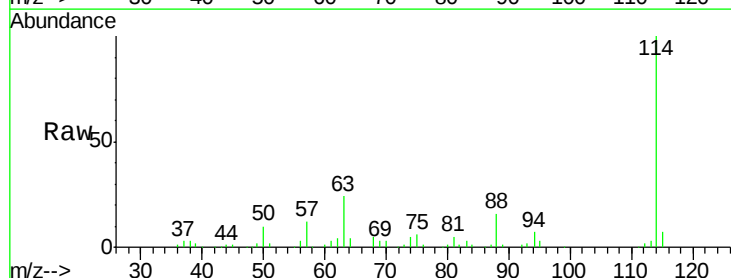
Tgt Ion: 114 Resp: 214223

Ion Ratio Lower Upper

114 100

63 23.0 17.0 25.6

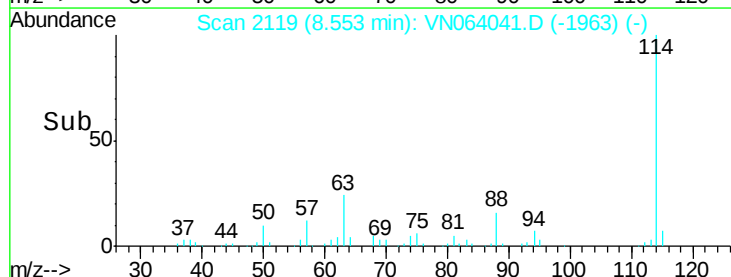
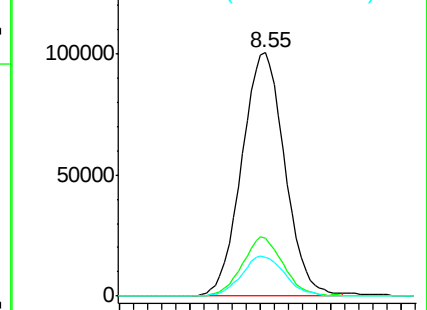
88 16.5 12.6 18.8

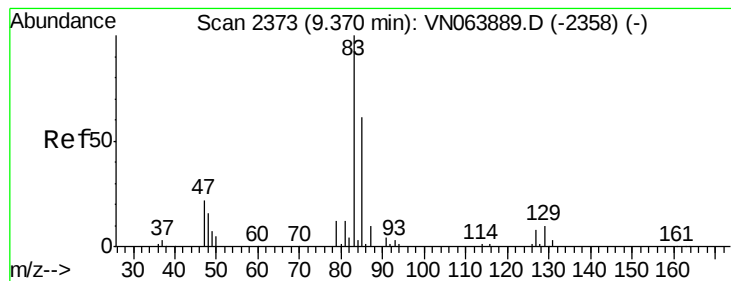


Abundance Ion 114.00 (113.70 to 114.70): VN063889.D (-2102) (-)

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

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





#41

Bromodichloromethane

Concen: 8.711 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.01 min

Lab File: VN064041.D

Acq: 9 Oct 2020 16:26

Instrument :

MSVOA_N

ClientSampled :

14B-2

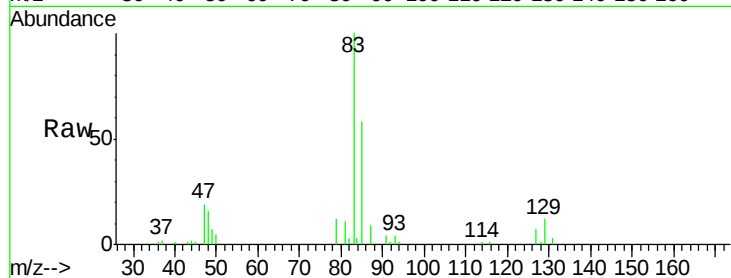
Tot Ion: 83 Resp: 36647

Ion Ratio Lower Upper

83 100

85 57.6 52.6 79.0

127 6.9 7.4 11.0#

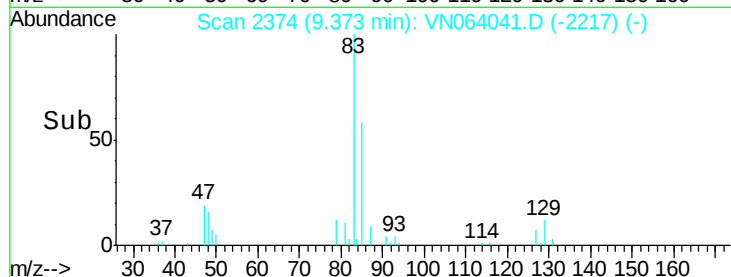


Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN063889.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN063889.D (-2358) (-)

Time-->

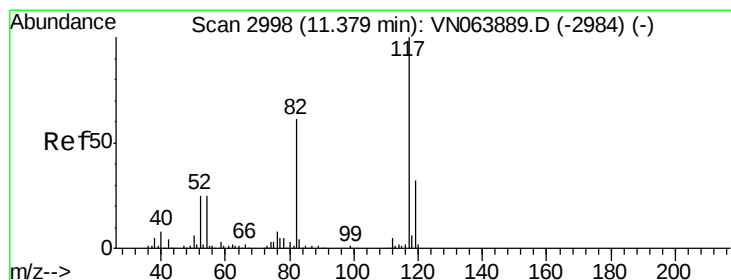


Abundance Ion 83.00 (82.70 to 83.70): VN064041.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064041.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064041.D (-2217) (-)

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064041.D

Acq: 9 Oct 2020 16:26

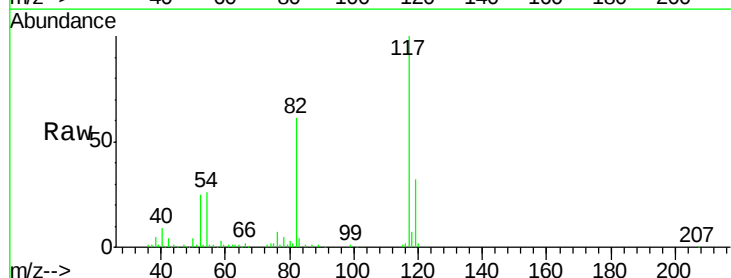
Tgt Ion: 117 Resp: 200055

Ion Ratio Lower Upper

117 100

82 60.2 44.9 67.3

119 31.7 26.0 39.0

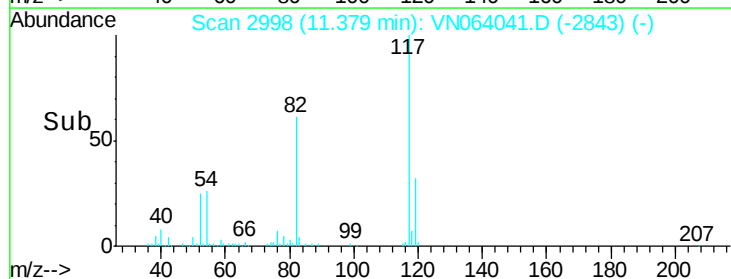


Abundance Ion 117.00 (116.70 to 117.70): VN063889.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN063889.D (-2984) (-)

Ion 119.00 (118.70 to 119.70): VN063889.D (-2984) (-)

Time-->

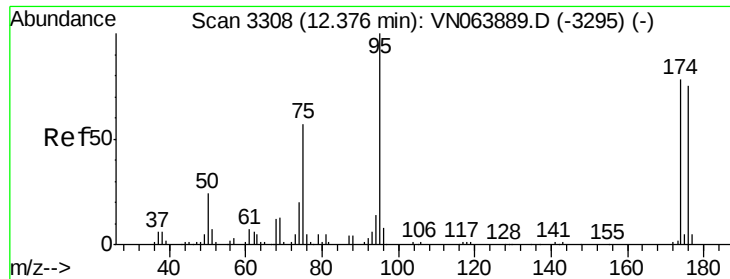


Abundance Ion 117.00 (116.70 to 117.70): VN064041.D (-2843) (-)

Ion 82.00 (81.70 to 82.70): VN064041.D (-2843) (-)

Ion 119.00 (118.70 to 119.70): VN064041.D (-2843) (-)

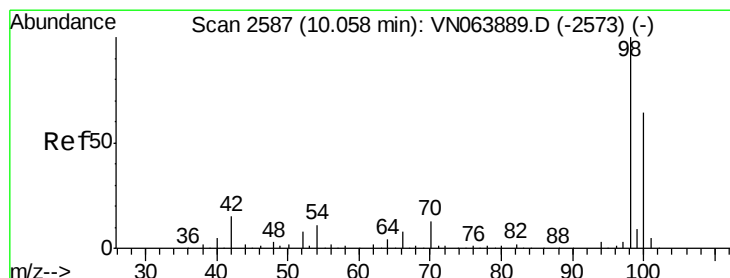
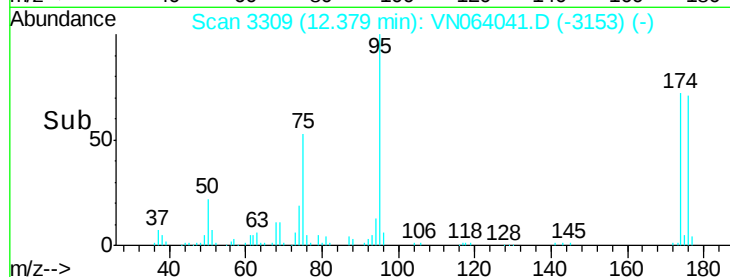
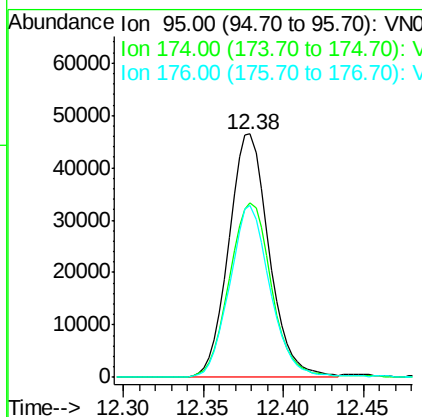
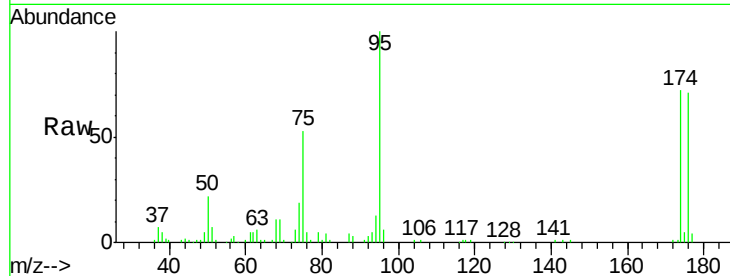
Time-->



#60
4-Bromofluorobenzene
Concen: 23.409 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN064041.D
Acq: 9 Oct 2020 16:26

Instrument :
MSVOA_N
ClientSampled :
14B-2

Tot Ion: 95 Resp: 80085
Ion Ratio Lower Upper
95 100
174 74.9 70.1 105.1
176 70.4 66.8 100.2



#63
Toluene-d8
Concen: 29.498 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064041.D
Acq: 9 Oct 2020 16:26

Tgt Ion: 98 Resp: 267438
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.2

