

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064044.D
 Acq On : 9 Oct 2020 17:38
 Operator : JC/MD
 Sample : L4350-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Oct 10 02:10:42 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	43253	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	211515	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	191258	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	121870	31.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.57%
60) 4-Bromofluorobenzene	12.38	95	73415	22.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.83%
63) Toluene-d8	10.06	98	261733	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

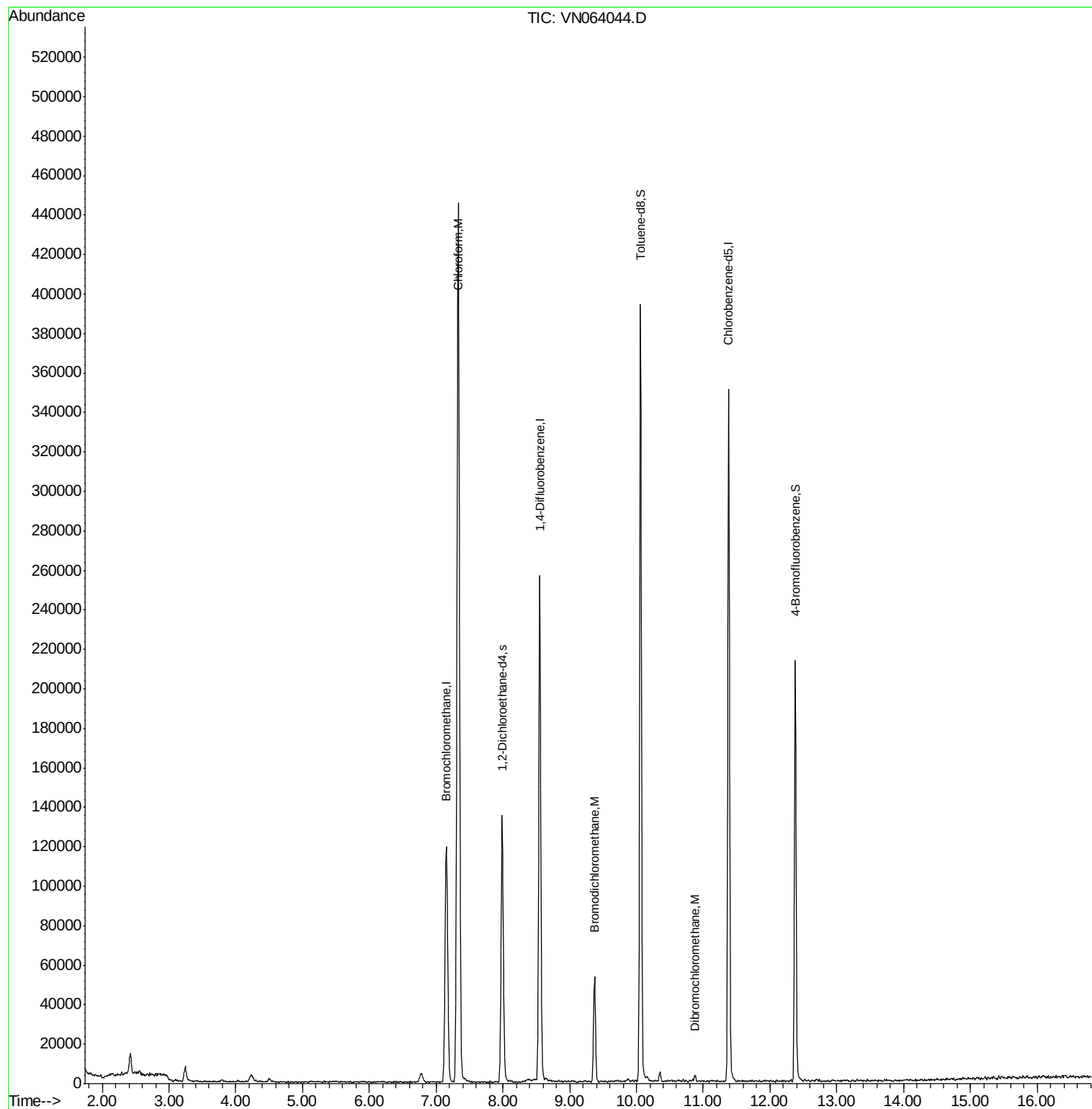
					Ovalue	
25) Chloroform	7.33	83	459170	83.299	ug/l	97
41) Bromodichloromethane	9.37	83	36606	8.813	ug/l #	93
53) Dibromochloromethane	10.87	129	1594	0.519	ug/l	98

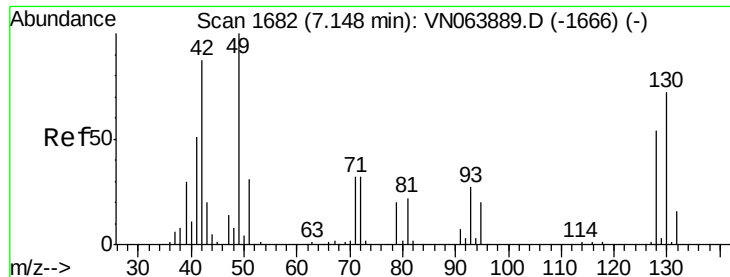
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1682

Delta R.T. -0.00 min

Lab File: VN064044.D

Acq: 9 Oct 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

14B-1

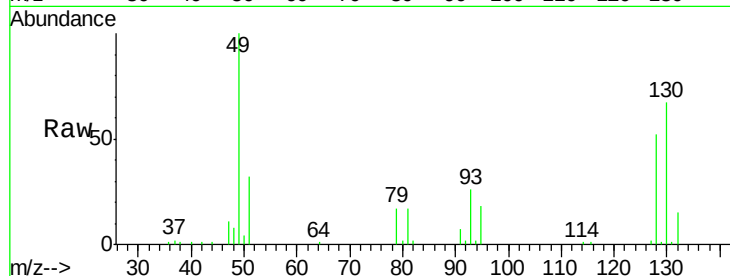
Tot Ion:128 Resp: 43253

Ion Ratio Lower Upper

128 100

49 196.7 0.0 437.5

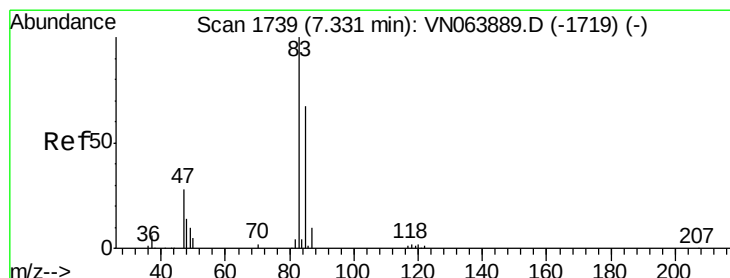
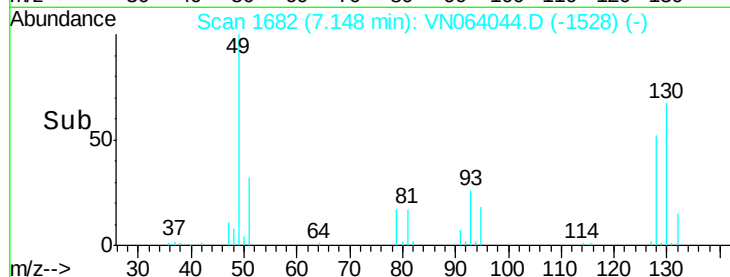
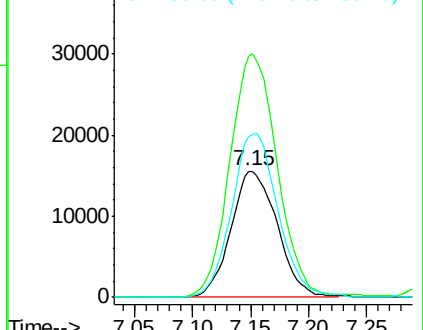
130 129.6 0.0 327.3



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: 83.299 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064044.D

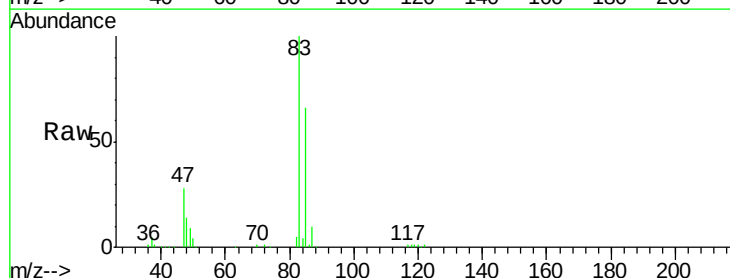
Acq: 9 Oct 2020 17:38

Tgt Ion: 83 Resp: 459170

Ion Ratio Lower Upper

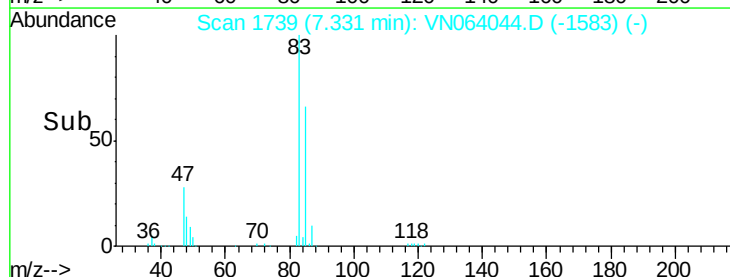
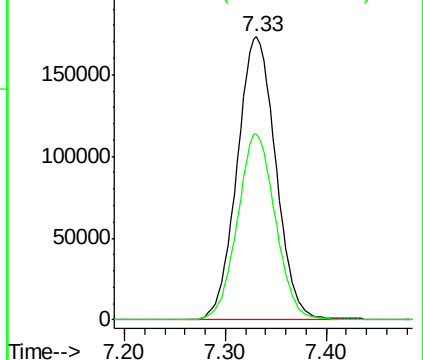
83 100

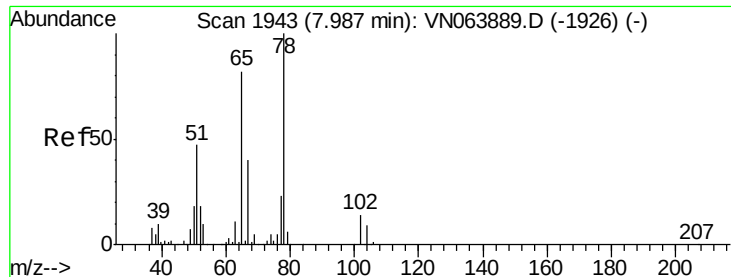
85 65.9 51.0 76.4



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: 31.373 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064044.D

Acq: 9 Oct 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

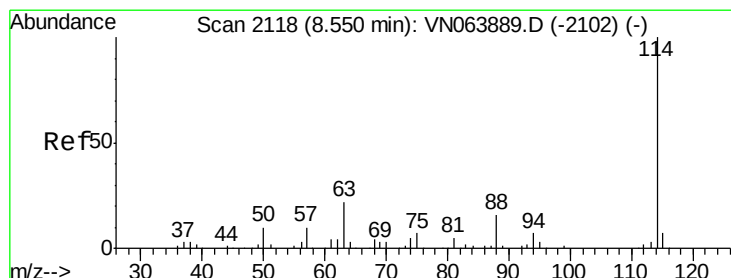
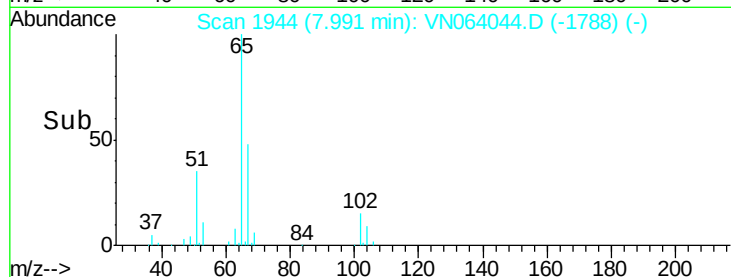
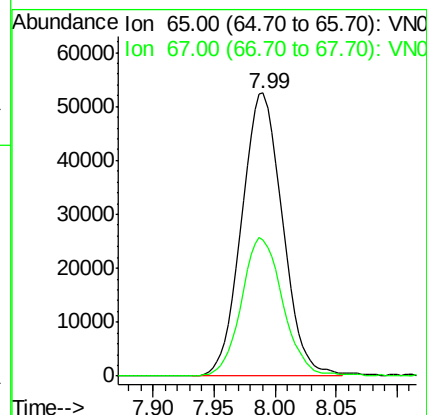
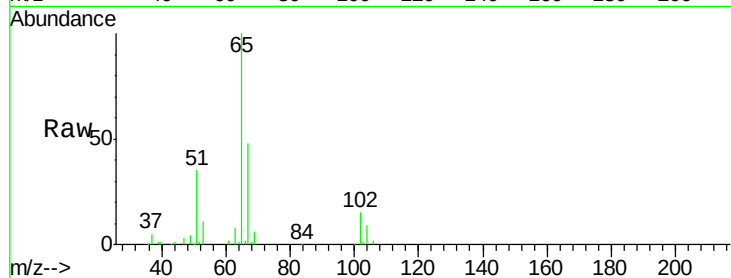
14B-1

Tot Ion: 65 Resp: 121870

Ion Ratio Lower Upper

65 100

67 49.5 43.8 65.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064044.D

Acq: 9 Oct 2020 17:38

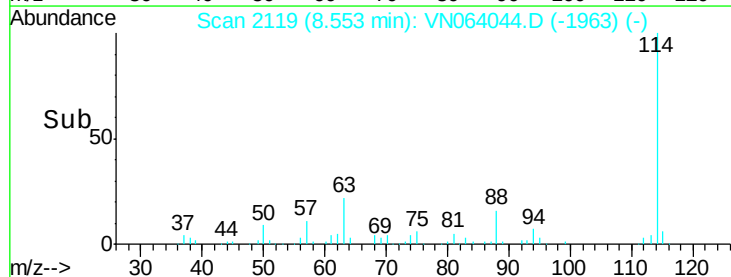
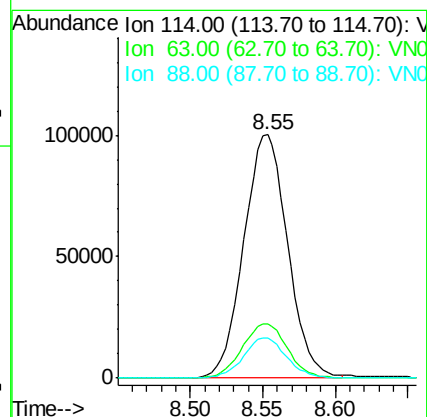
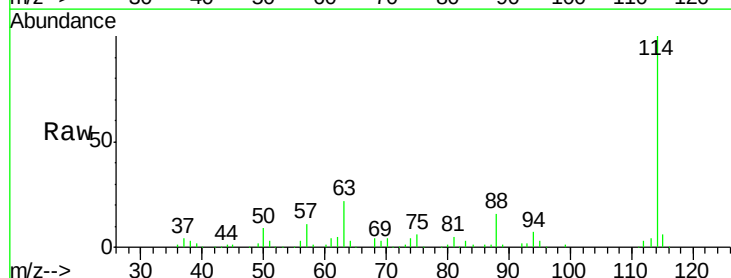
Tgt Ion: 114 Resp: 211515

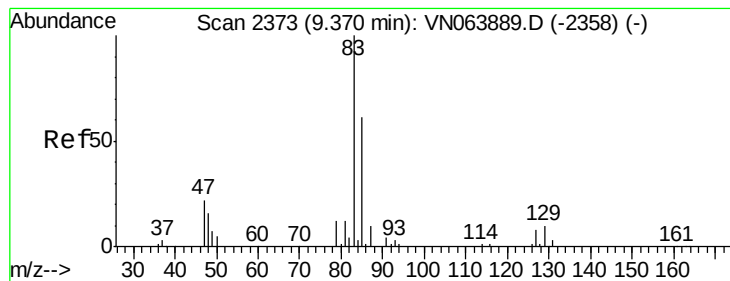
Ion Ratio Lower Upper

114 100

63 23.0 17.0 25.6

88 16.3 12.6 18.8





#41

Bromodichloromethane

Concen: 8.813 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.01 min

Lab File: VN064044.D

Acq: 9 Oct 2020 17:38

Instrument :

MSVOA_N

ClientSampleId :

14B-1

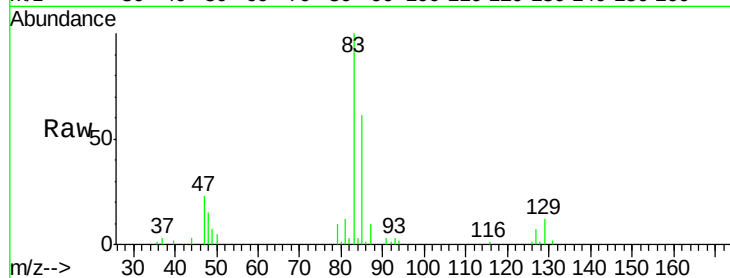
Tot Ion: 83 Resp: 36606

Ion Ratio Lower Upper

83 100

85 60.6 52.6 79.0

127 7.1 7.4 11.0#

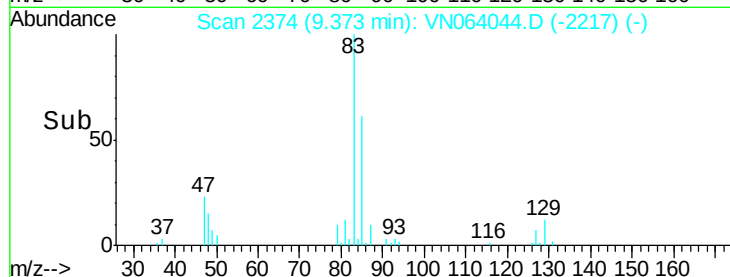


Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-2358) (-)

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

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

Time-->

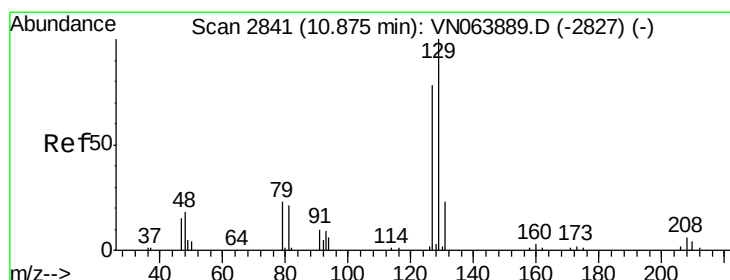


Abundance Ion 83.00 (82.70 to 83.70): VN064044.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064044.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064044.D (-2217) (-)

Time-->



#53

Dibromochloromethane

Concen: 0.519 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064044.D

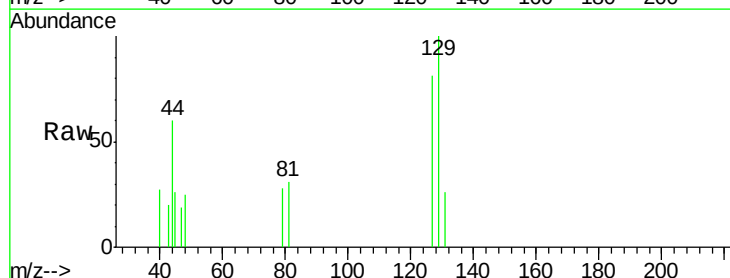
Acq: 9 Oct 2020 17:38

Tgt Ion: 129 Resp: 1594

Ion Ratio Lower Upper

129 100

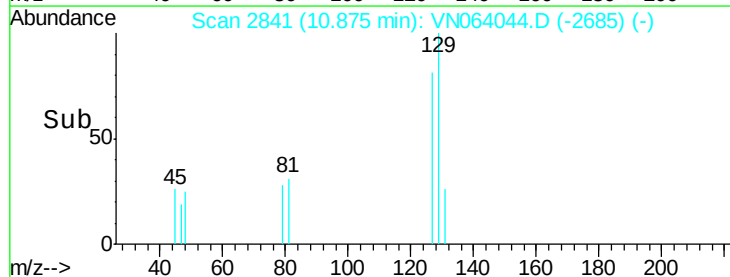
127 79.5 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): VN063889.D (-2827) (-)

Ion 127.00 (126.70 to 127.70): VN063889.D (-2827) (-)

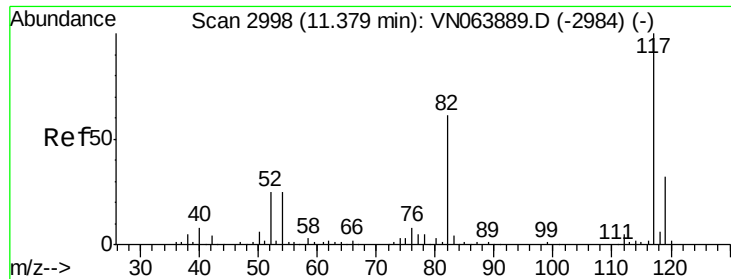
Time-->



Abundance Ion 129.00 (128.70 to 129.70): VN064044.D (-2685) (-)

Ion 127.00 (126.70 to 127.70): VN064044.D (-2685) (-)

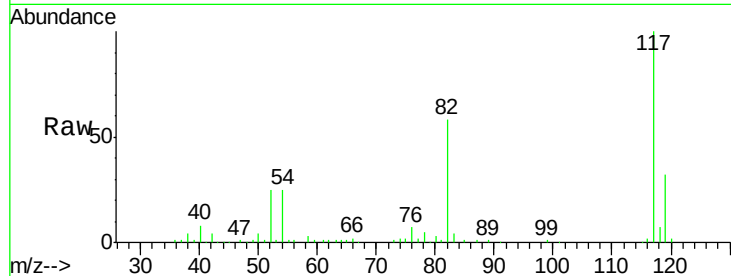
Time-->



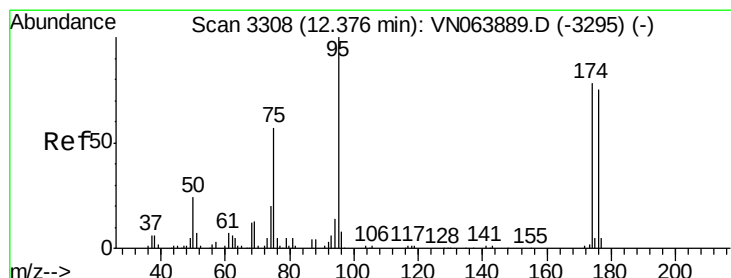
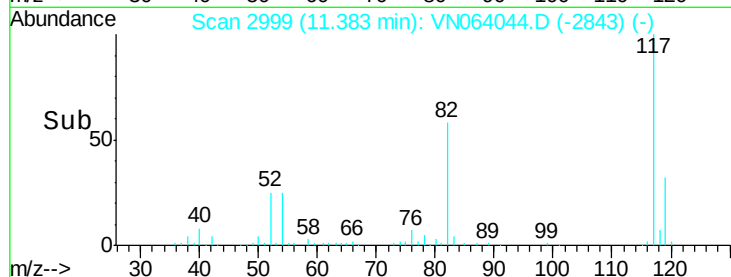
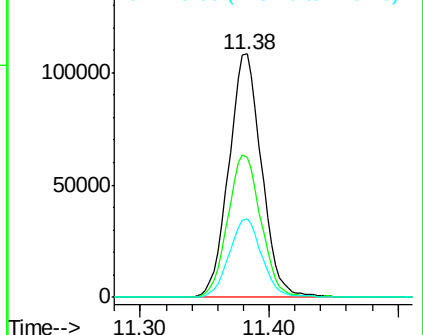
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064044.D
Acq: 9 Oct 2020 17:38

Instrument :
MSVOA_N
ClientSampled :
14B-1

Tot Ion:117 Resp: 191258
Ion Ratio Lower Upper
117 100
82 59.3 44.9 67.3
119 32.0 26.0 39.0

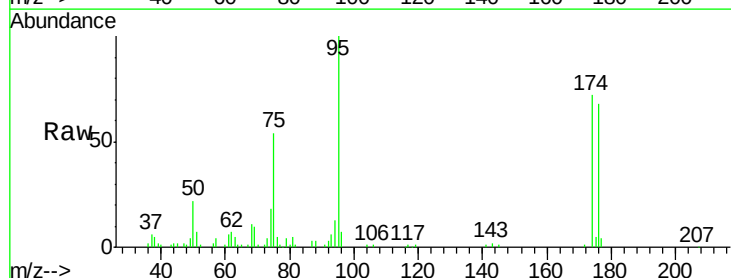


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

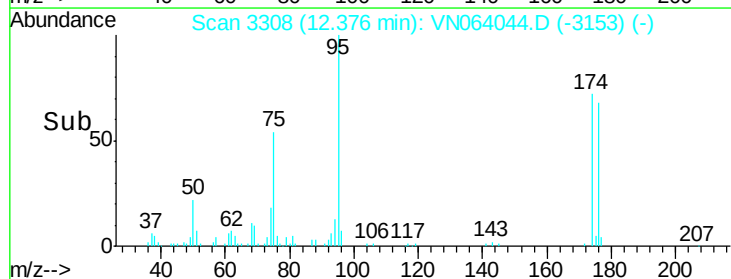
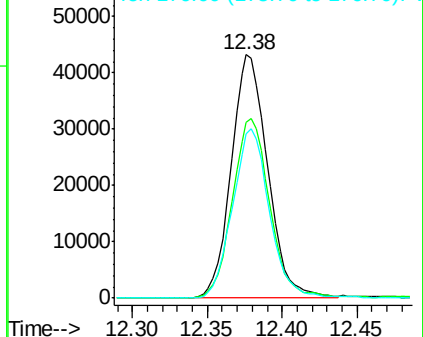


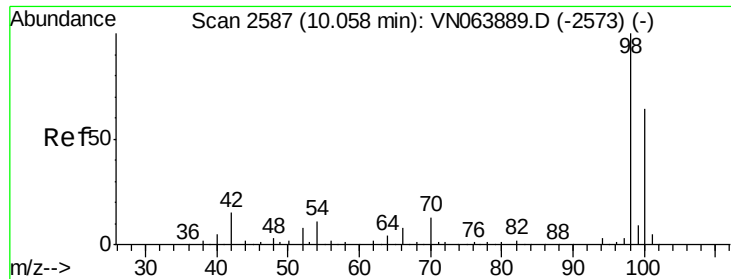
#60
4-Bromofluorobenzene
Concen: 22.446 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064044.D
Acq: 9 Oct 2020 17:38

Tgt Ion: 95 Resp: 73415
Ion Ratio Lower Upper
95 100
174 75.1 70.1 105.1
176 69.8 66.8 100.2



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

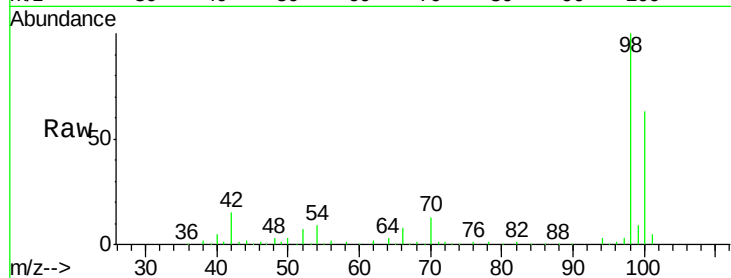




#63
Toluene-d8
Concen: 30.197 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064044.D
Acq: 9 Oct 2020 17:38

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tot Ion: 98 Resp: 261733
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN

