

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064045.D
 Acq On : 9 Oct 2020 18:02
 Operator : JC/MD
 Sample : L4350-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Oct 10 02:13:36 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	44418	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	215138	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	201202	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	119110	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	12.38	95	79819	23.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.33%
63) Toluene-d8	10.06	98	268670	29.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.23%

Target Compounds

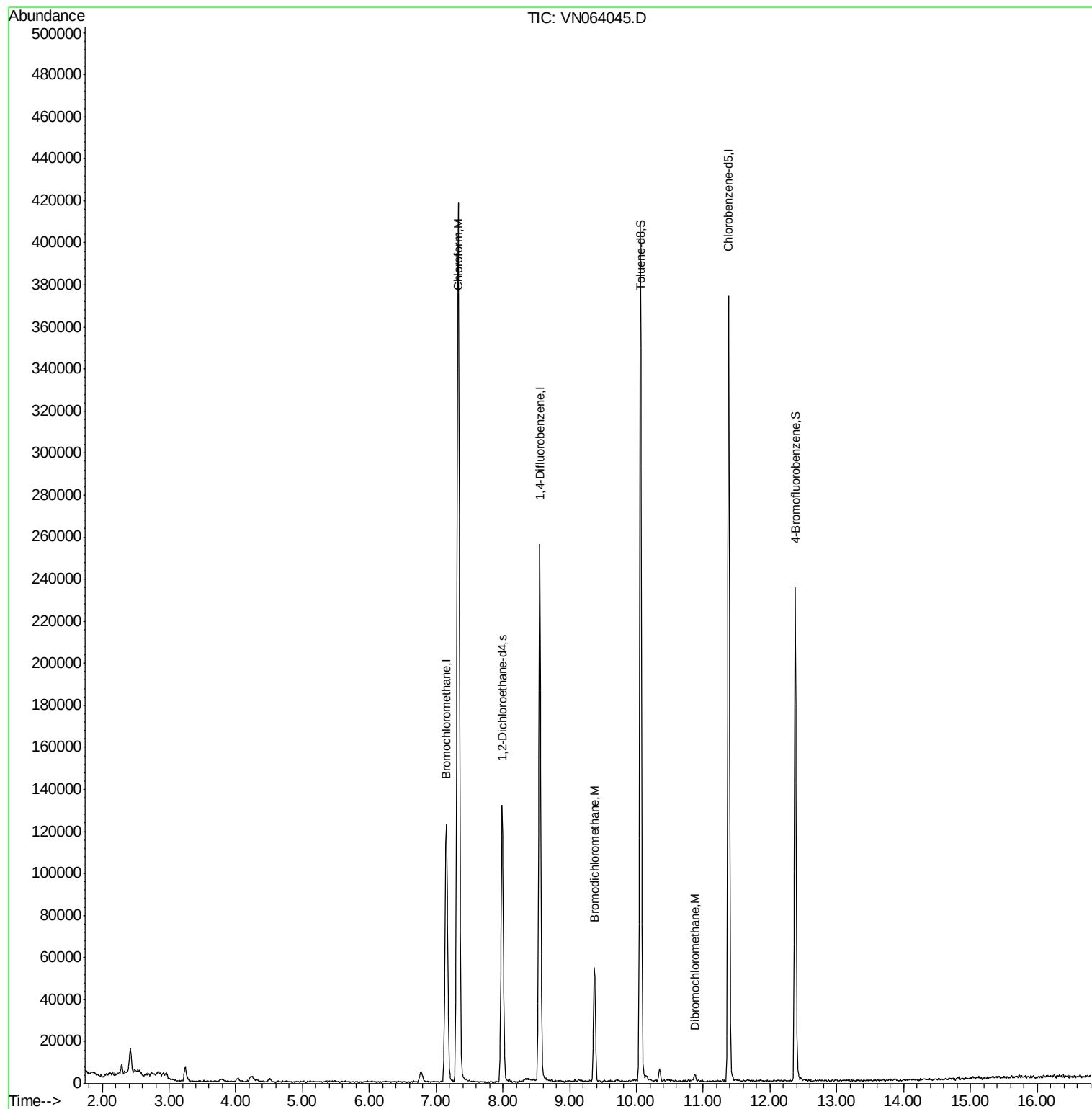
					Ovalue
25) Chloroform	7.33	83	433662	76.608 ug/l	99
41) Bromodichloromethane	9.37	83	38095	9.017 ug/l	98
53) Dibromochloromethane	10.88	129	1894	0.606 ug/l	99

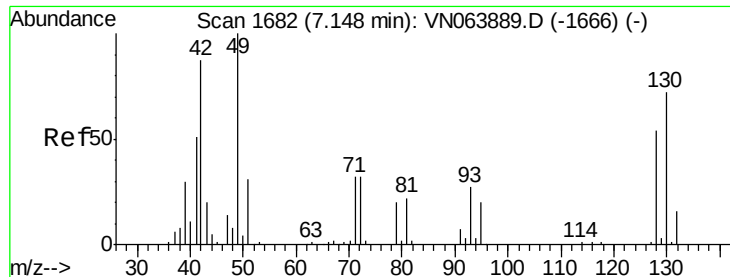
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100920\
Data File : VN064045.D
Acq On : 9 Oct 2020 18:02
Operator : JC/MD
Sample : L4350-02 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Quant Time: Oct 10 02:13:36 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064045.D

Acq: 9 Oct 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

14B-2

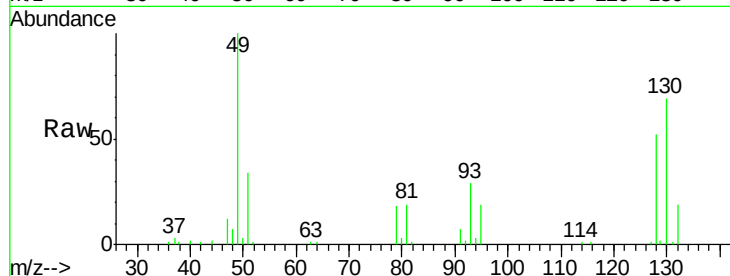
Tot Ion:128 Resp: 44418

Ion Ratio Lower Upper

128 100

49 194.1 0.0 437.5

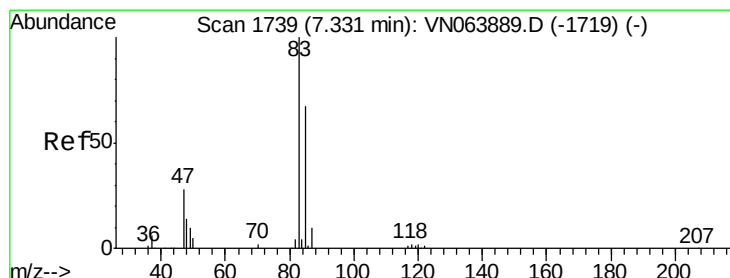
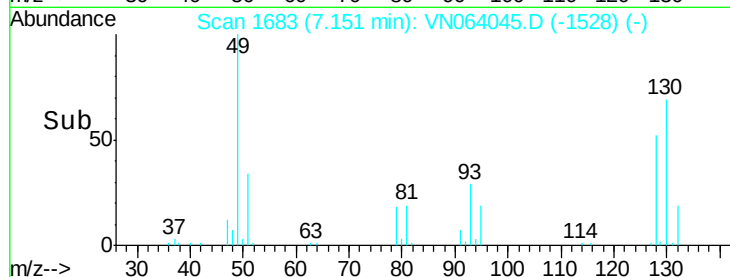
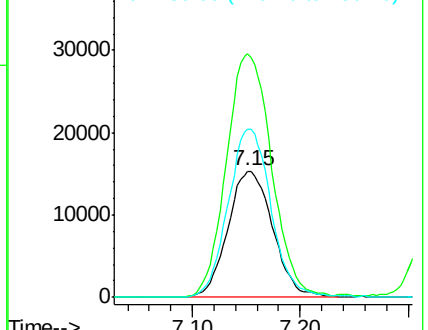
130 127.3 0.0 327.3



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: 76.608 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064045.D

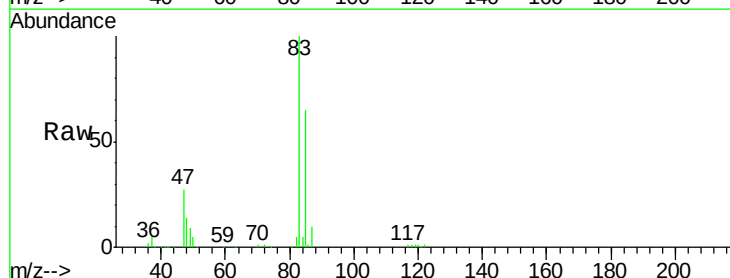
Acq: 9 Oct 2020 18:02

Tgt Ion: 83 Resp: 433662

Ion Ratio Lower Upper

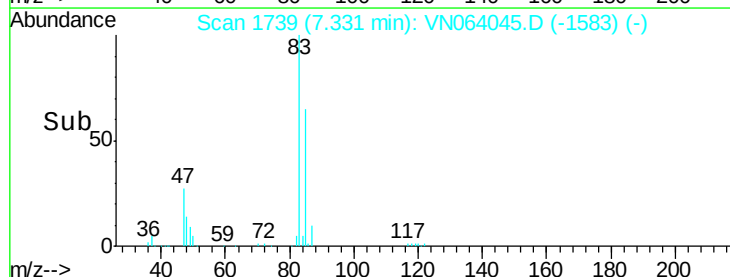
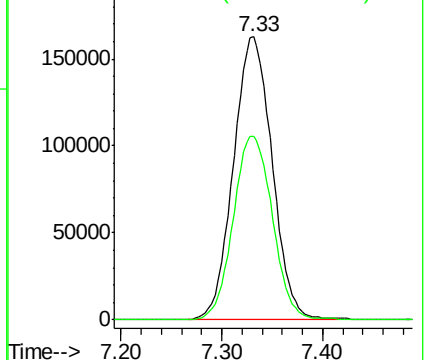
83 100

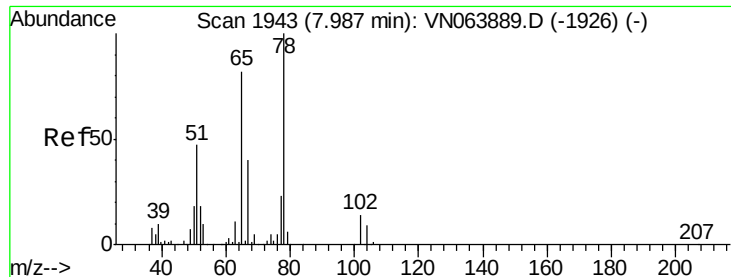
85 64.8 51.0 76.4



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: 29.858 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064045.D

Acq: 9 Oct 2020 18:02

Instrument :

MSVOA_N

ClientSampled :

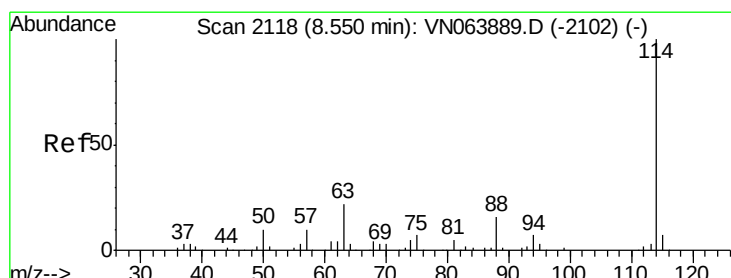
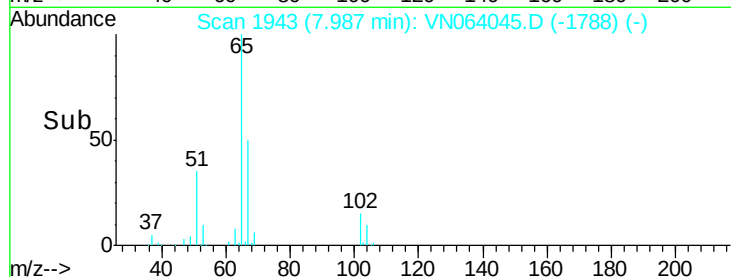
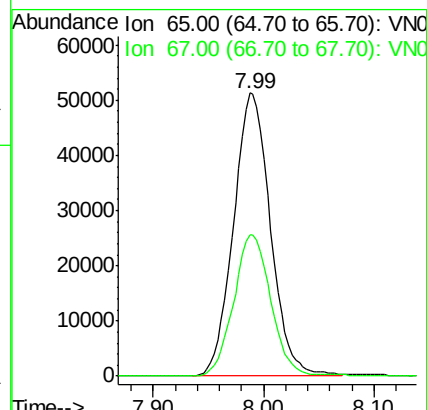
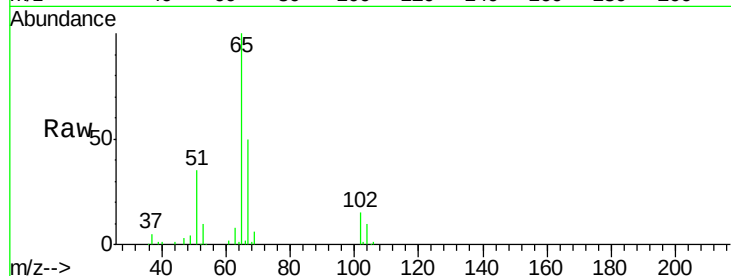
14B-2

Tot Ion: 65 Resp: 119110

Ion Ratio Lower Upper

65 100

67 49.9 43.8 65.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064045.D

Acq: 9 Oct 2020 18:02

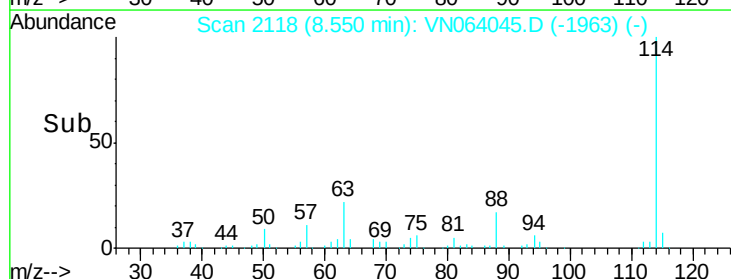
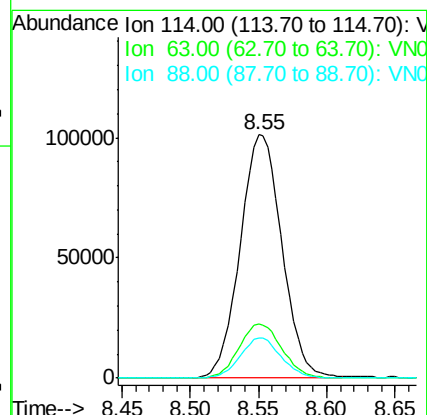
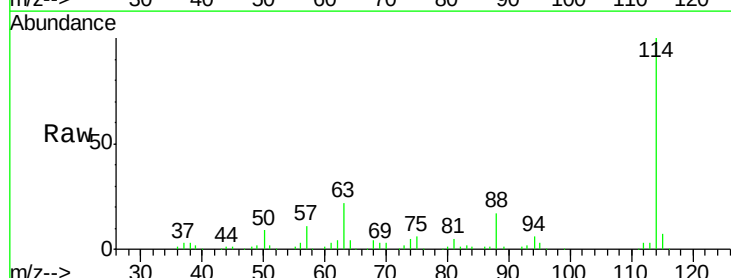
Tgt Ion: 114 Resp: 215138

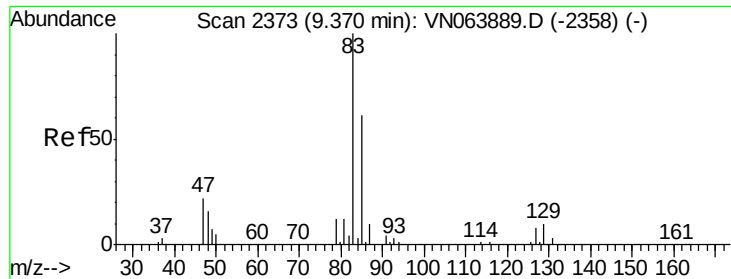
Ion Ratio Lower Upper

114 100

63 22.8 17.0 25.6

88 16.3 12.6 18.8





#41

Bromodichloromethane

Concen: 9.017 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064045.D

Acq: 9 Oct 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

14B-2

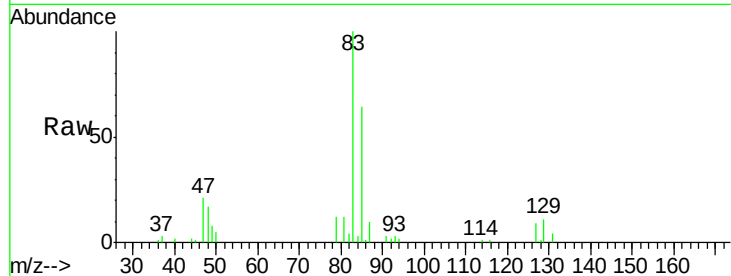
Tot Ion: 83 Resp: 38095

Ion Ratio Lower Upper

83 100

85 63.7 52.6 79.0

127 8.8 7.4 11.0

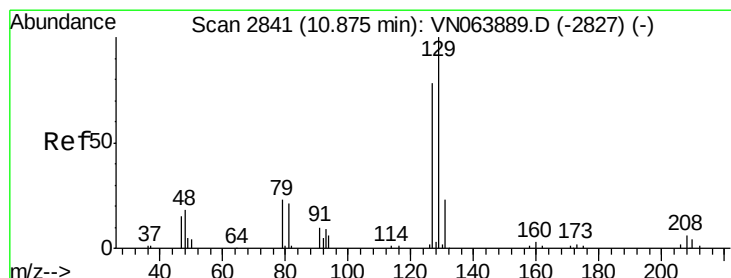
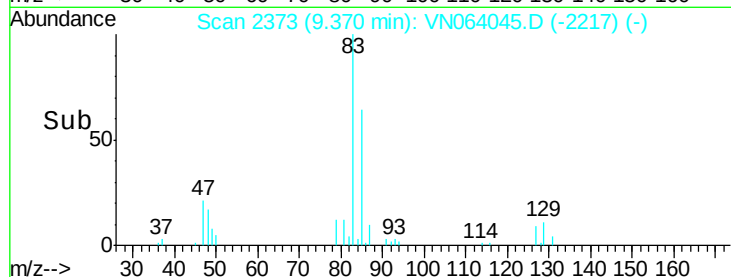


Abundance Ion 83.00 (82.70 to 83.70): VN064045.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064045.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064045.D (-2217) (-)

Time-->



#53

Dibromochloromethane

Concen: 0.606 ug/l

RT: 10.88 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VN064045.D

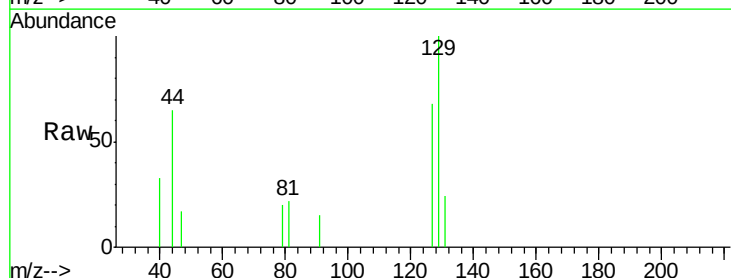
Acq: 9 Oct 2020 18:02

Tgt Ion: 129 Resp: 1894

Ion Ratio Lower Upper

129 100

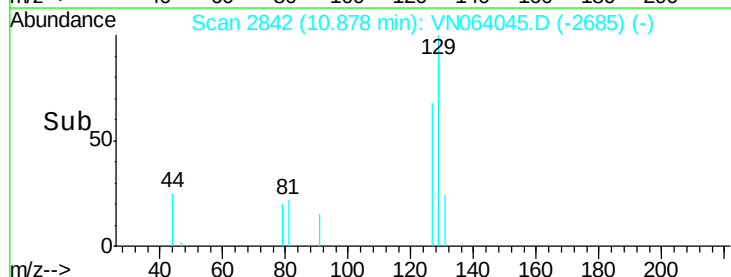
127 78.2 38.7 116.1

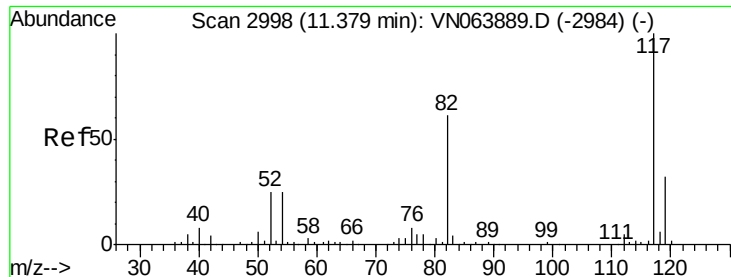


Abundance Ion 129.00 (128.70 to 129.70): VN064045.D (-2685) (-)

Ion 127.00 (126.70 to 127.70): VN064045.D (-2685) (-)

Time-->

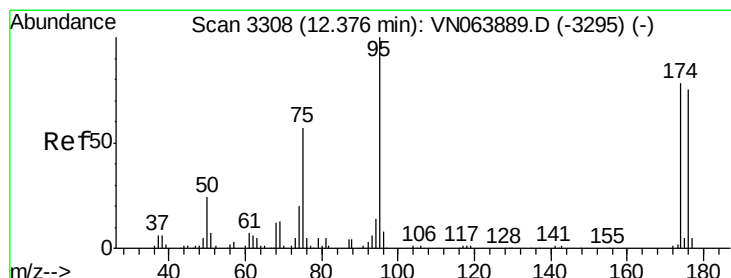
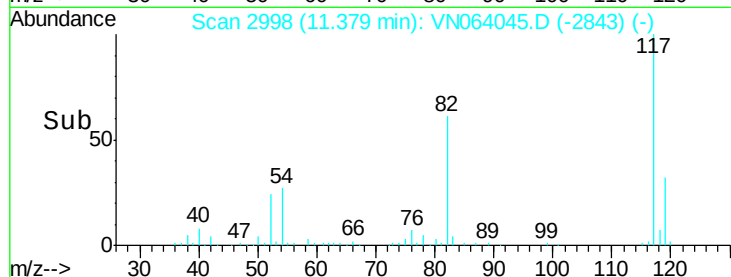
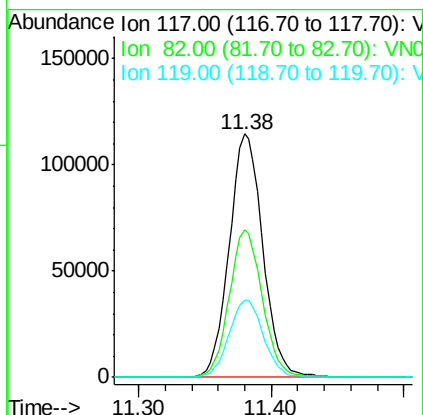
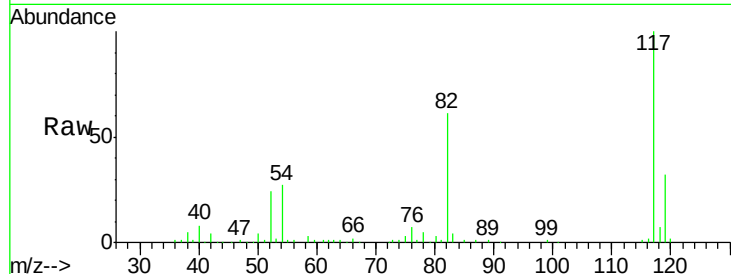




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064045.D
Acq: 9 Oct 2020 18:02

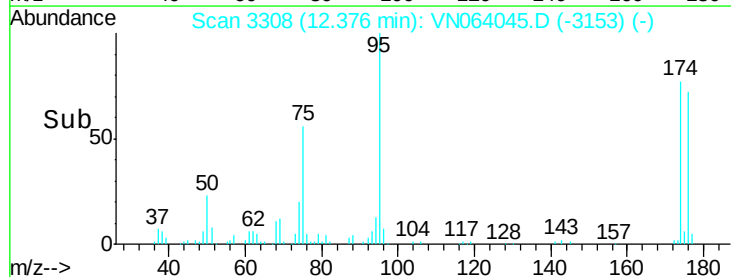
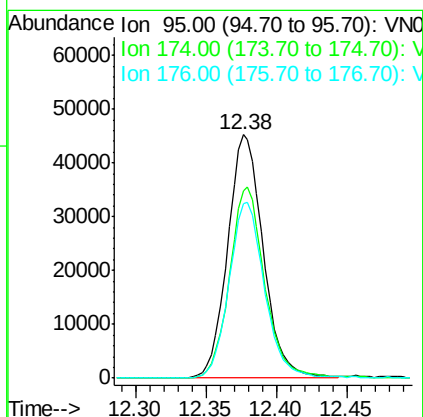
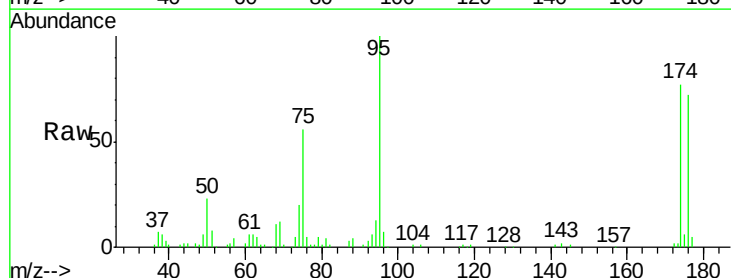
Instrument :
MSVOA_N
ClientSampled :
14B-2

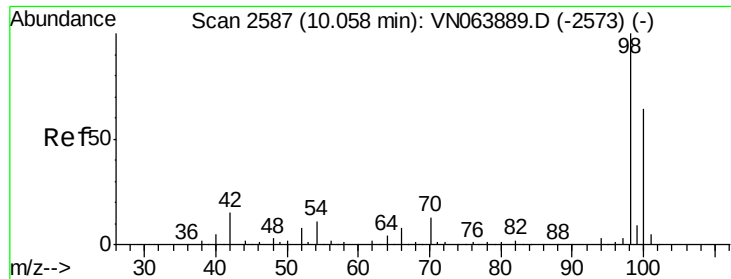
Tot Ion:117 Resp: 201202
Ion Ratio Lower Upper
117 100
82 60.1 44.9 67.3
119 32.6 26.0 39.0



#60
4-Bromofluorobenzene
Concen: 23.198 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064045.D
Acq: 9 Oct 2020 18:02

Tgt Ion: 95 Resp: 79819
Ion Ratio Lower Upper
95 100
174 77.4 70.1 105.1
176 71.6 66.8 100.2





#63

Toluene-d8

Concen: 29.465 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064045.D

Acq: 9 Oct 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

14B-2

Tot Ion: 98 Resp: 268670

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.2

