

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064046.D
 Acq On : 9 Oct 2020 18:26
 Operator : JC/MD
 Sample : L4350-03 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Oct 10 02:18:20 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	42776	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	204306	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	193364	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	118001	30.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.40%
60) 4-Bromofluorobenzene	12.38	95	78330	23.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.97%
63) Toluene-d8	10.06	98	264161	30.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.47%

Target Compounds

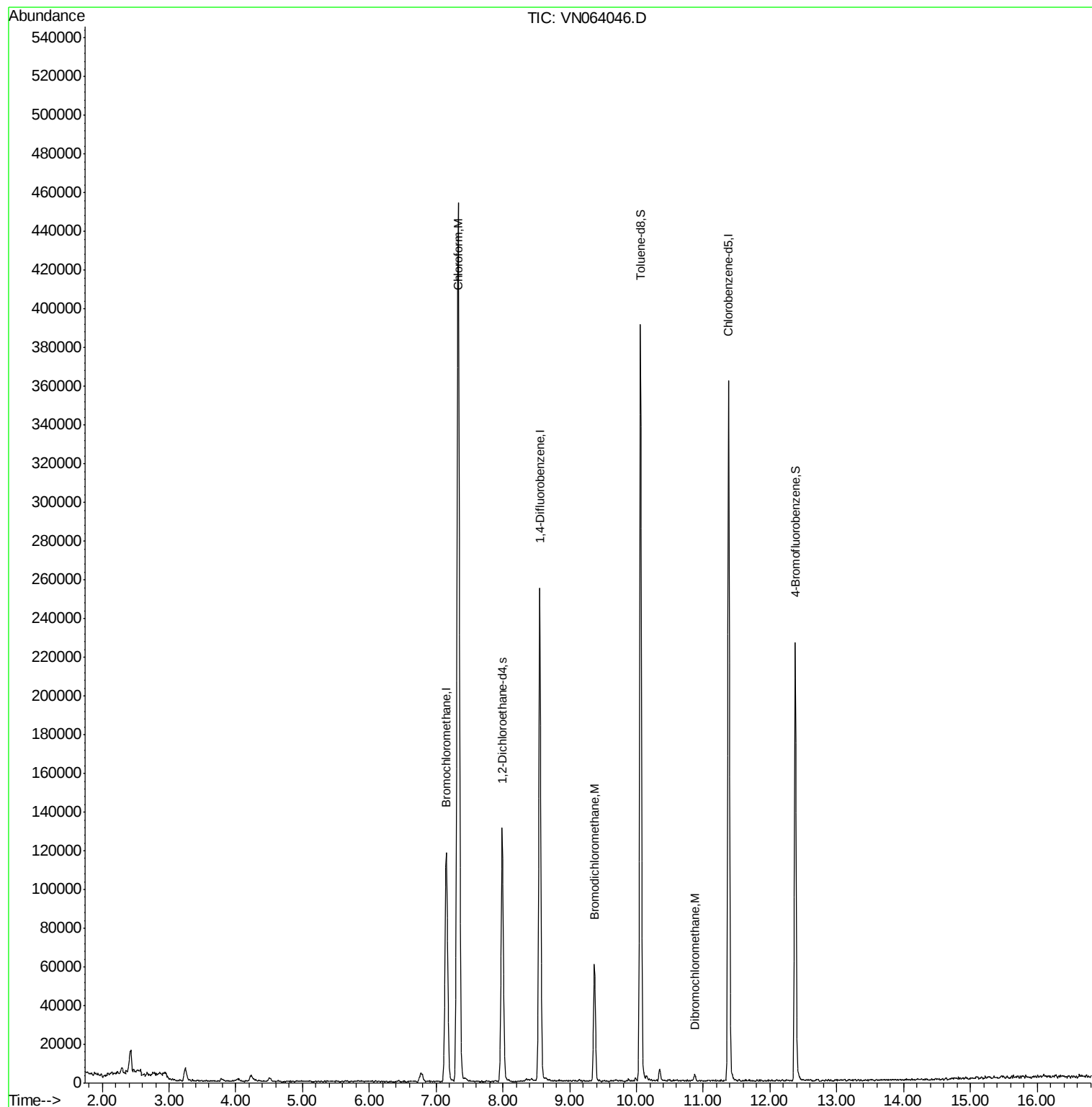
					Ovalue
25) Chloroform	7.33	83	470700	86.343	ug/l 100
41) Bromodichloromethane	9.37	83	39783	9.915	ug/l 97
53) Dibromochloromethane	10.87	129	1889	0.637	ug/l 88

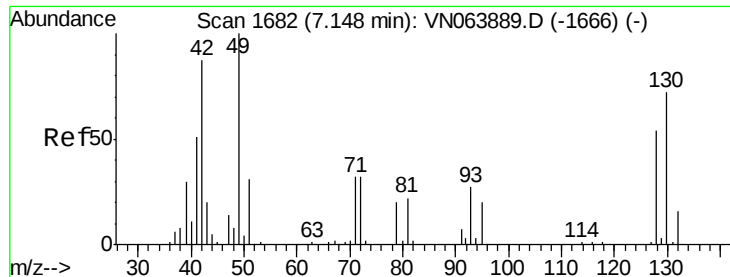
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1683

Delta R.T. -0.00 min

Lab File: VN064046.D

Acq: 9 Oct 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
14B-3

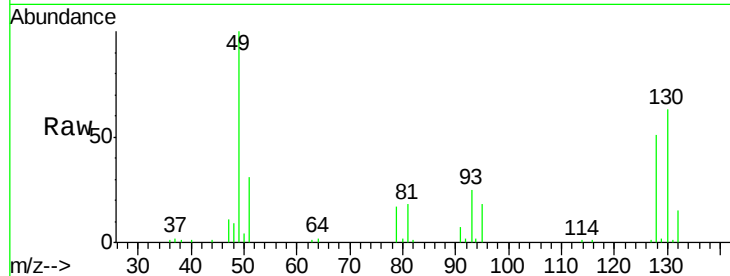
Tot Ion:128 Resp: 42776

Ion Ratio Lower Upper

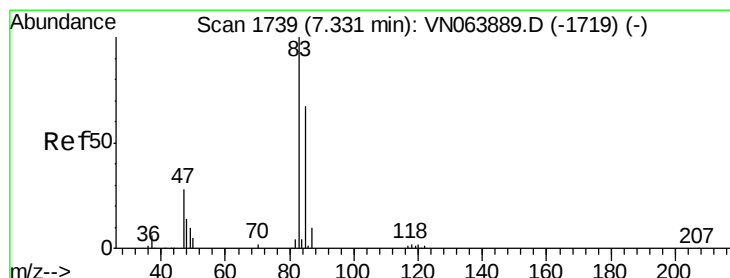
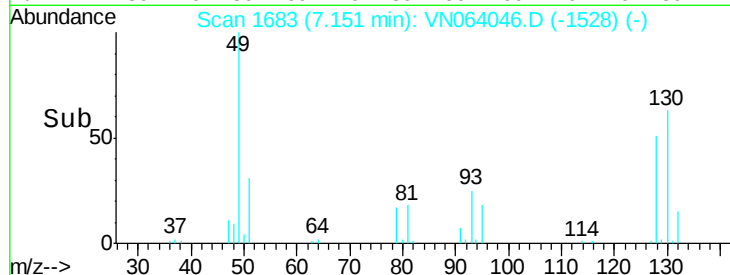
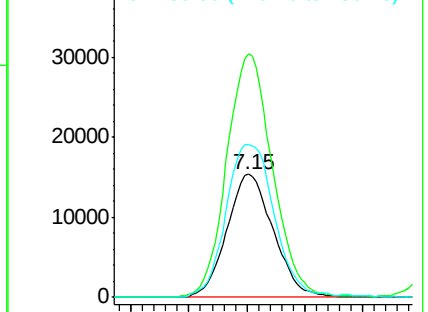
128 100

49 194.8 0.0 437.5

130 129.7 0.0 327.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 86.343 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064046.D

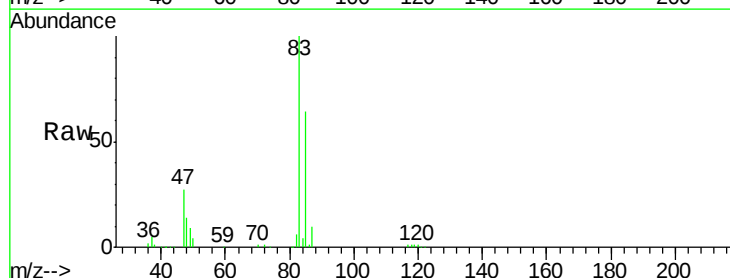
Acq: 9 Oct 2020 18:26

Tgt Ion: 83 Resp: 470700

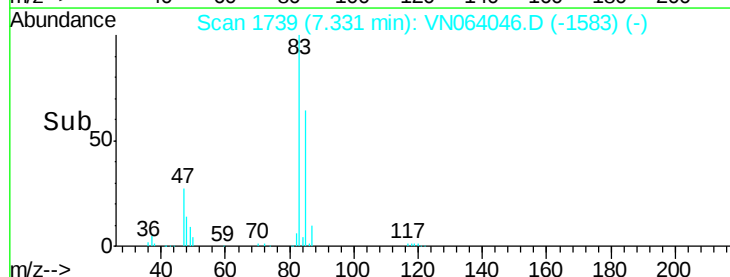
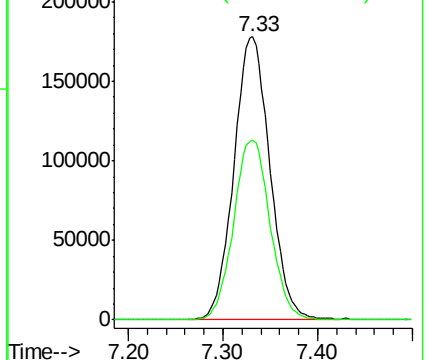
Ion Ratio Lower Upper

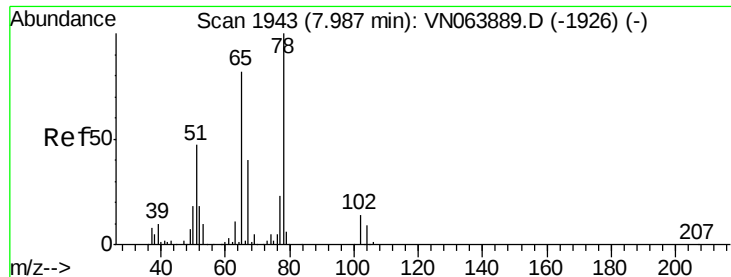
83 100

85 63.6 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 85.00 (84.70 to 85.70): V





#27

1,2-Dichloroethane-d4

Concen: 30.716 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064046.D

Acq: 9 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

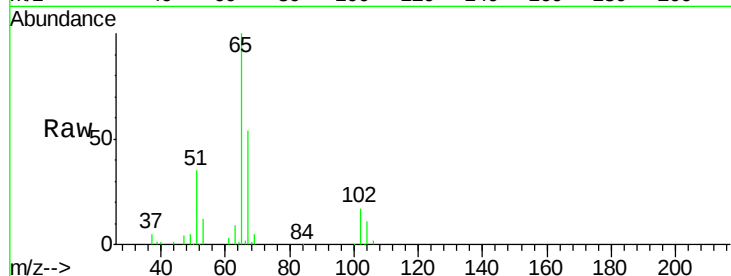
14B-3

Tot Ion: 65 Resp: 118001

Ion Ratio Lower Upper

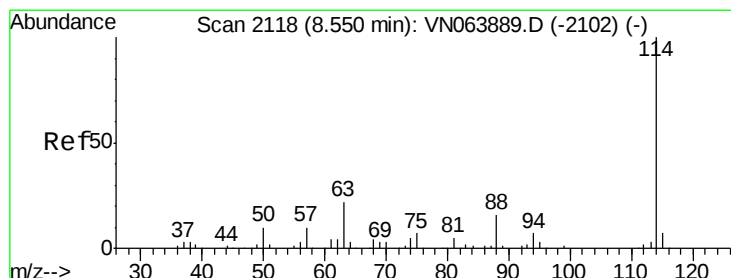
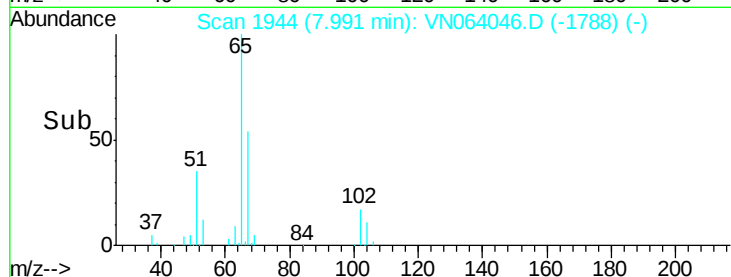
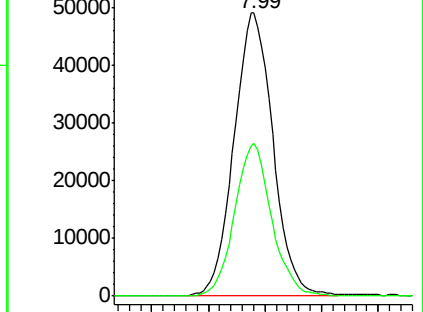
65 100

67 51.2 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: VN064046.D

Acq: 9 Oct 2020 18:26

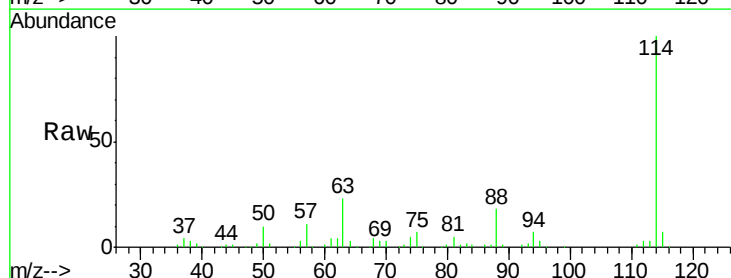
Tgt Ion: 114 Resp: 204306

Ion Ratio Lower Upper

114 100

63 23.7 17.0 25.6

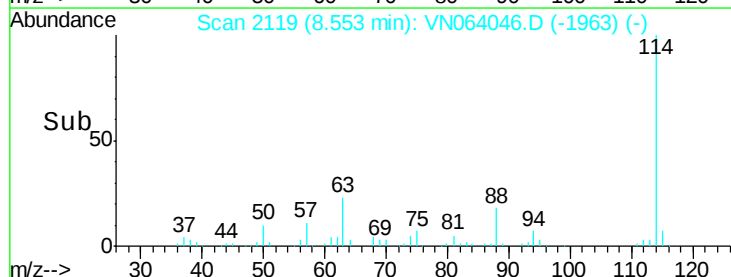
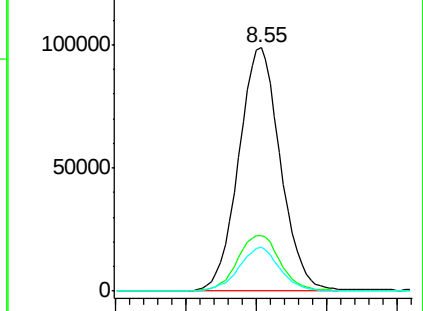
88 17.6 12.6 18.8

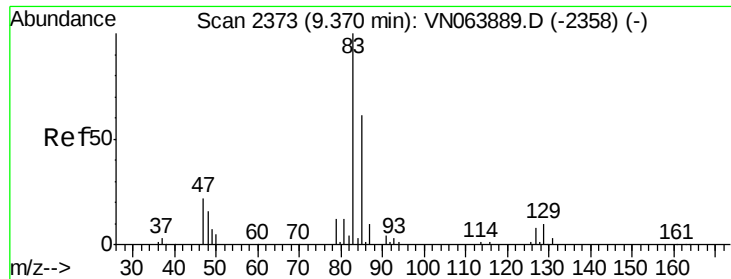


Abundance Ion 114.00 (113.70 to 114.70): VN063889.D (-2102) (-)

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: 9.915 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064046.D

Acq: 9 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

14B-3

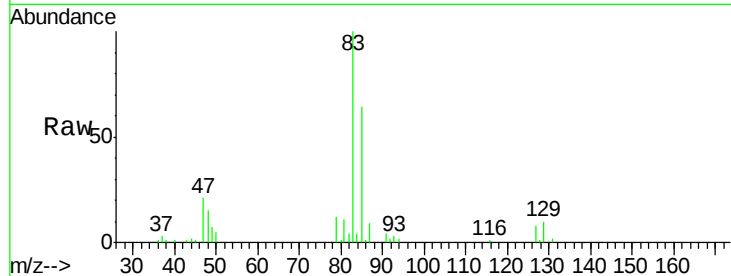
Tot Ion: 83 Resp: 39783

Ion Ratio Lower Upper

83 100

85 63.8 52.6 79.0

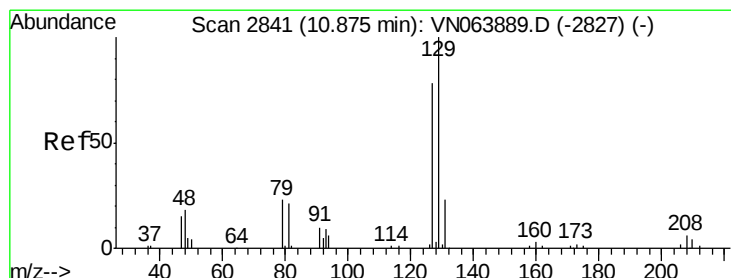
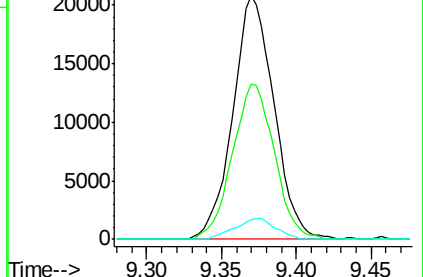
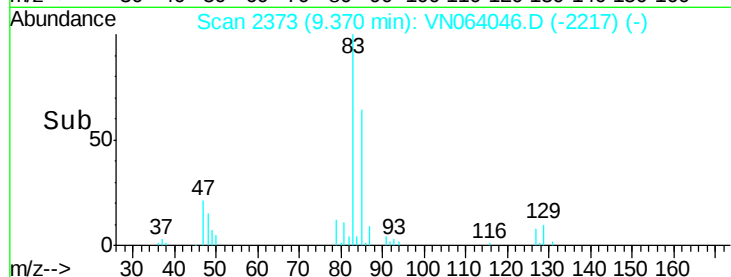
127 8.0 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN064046.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064046.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064046.D (-2217) (-)



#53

Dibromochloromethane

Concen: 0.637 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064046.D

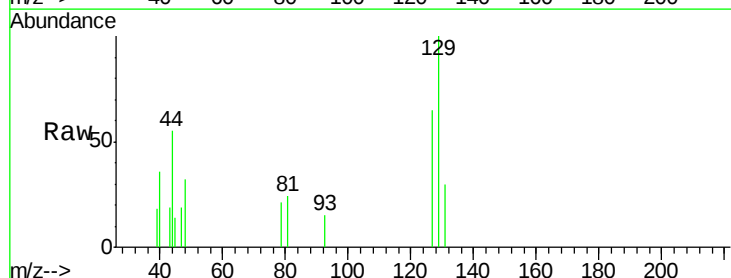
Acq: 9 Oct 2020 18:26

Tgt Ion: 129 Resp: 1889

Ion Ratio Lower Upper

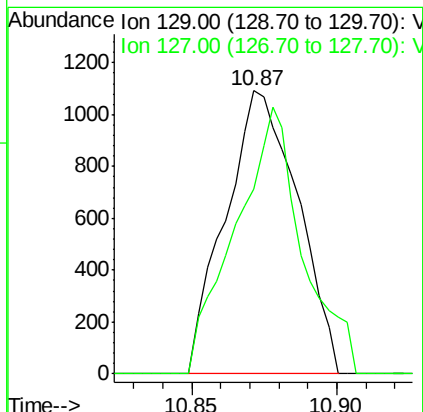
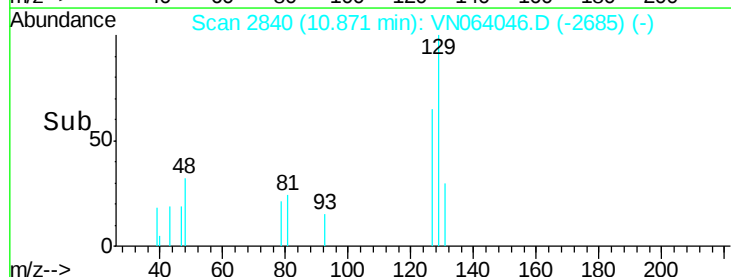
129 100

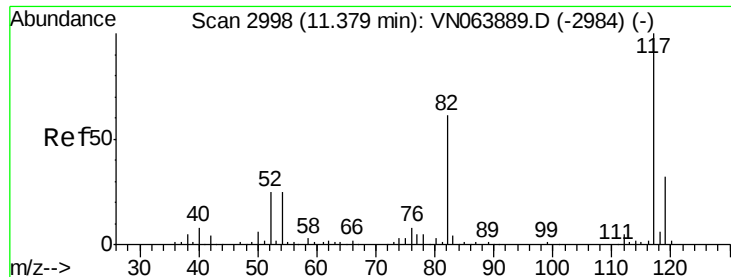
127 87.6 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): VN064046.D (-2685) (-)

Ion 127.00 (126.70 to 127.70): VN064046.D (-2685) (-)

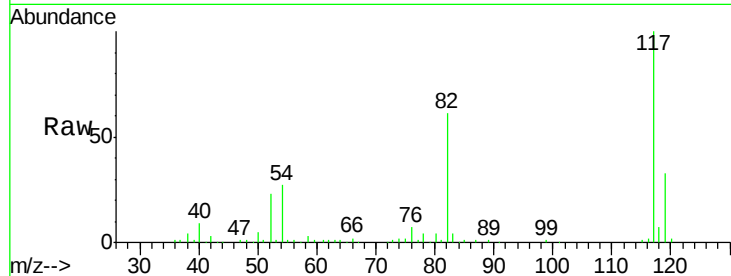




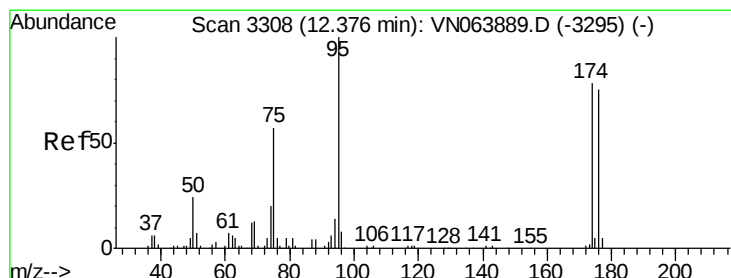
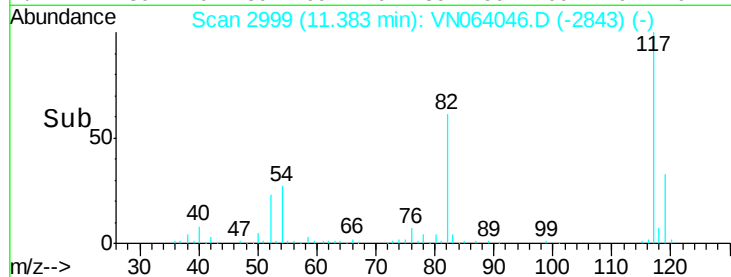
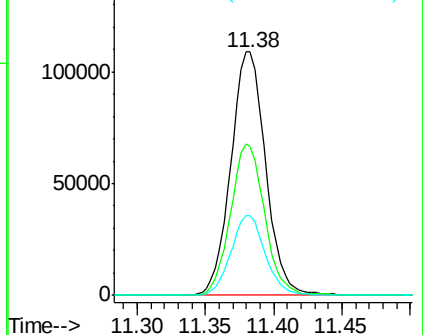
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064046.D
Acq: 9 Oct 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
14B-3

Tot Ion:117 Resp: 193364
Ion Ratio Lower Upper
117 100
82 60.4 44.9 67.3
119 32.3 26.0 39.0

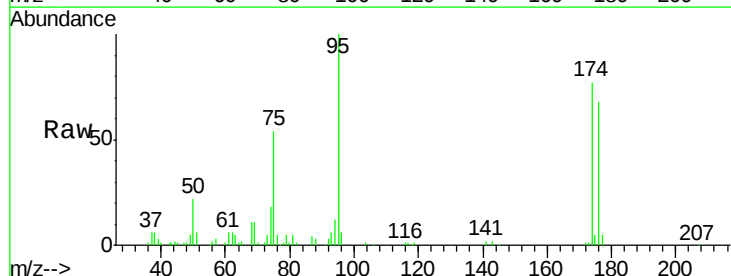


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

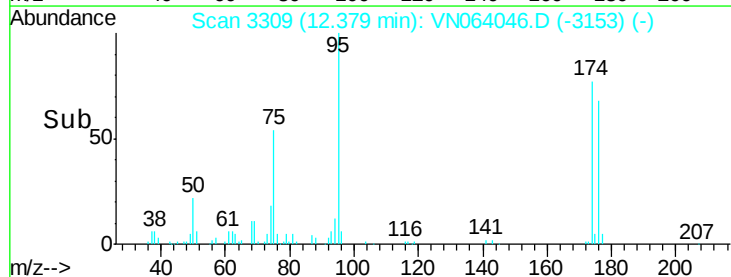
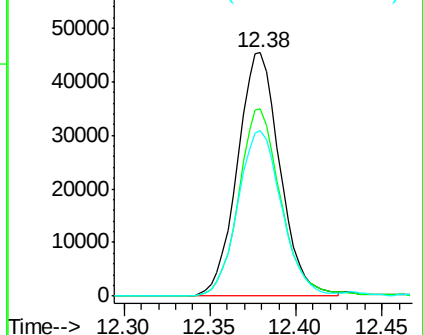


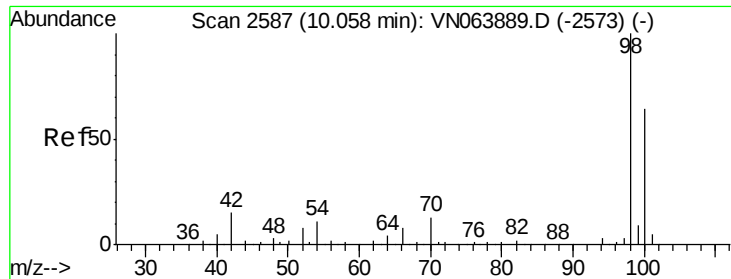
#60
4-Bromofluorobenzene
Concen: 23.688 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN064046.D
Acq: 9 Oct 2020 18:26

Tgt Ion: 95 Resp: 78330
Ion Ratio Lower Upper
95 100
174 76.2 70.1 105.1
176 70.1 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: 30.145 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064046.D

Acq: 9 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 264161

Ion Ratio Lower Upper

98 100

100 62.3 51.4 77.2

