

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052544.D
 Acq On : 29 Nov 2018 3:00
 Operator : MD\SY
 Sample : J6120-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Nov 29 07:24:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	179222	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1021506	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	839177	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	363005	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	12.40	95	339675	26.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.23%
63) Toluene-d8	10.09	98	1181844	30.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.23%

Target Compounds

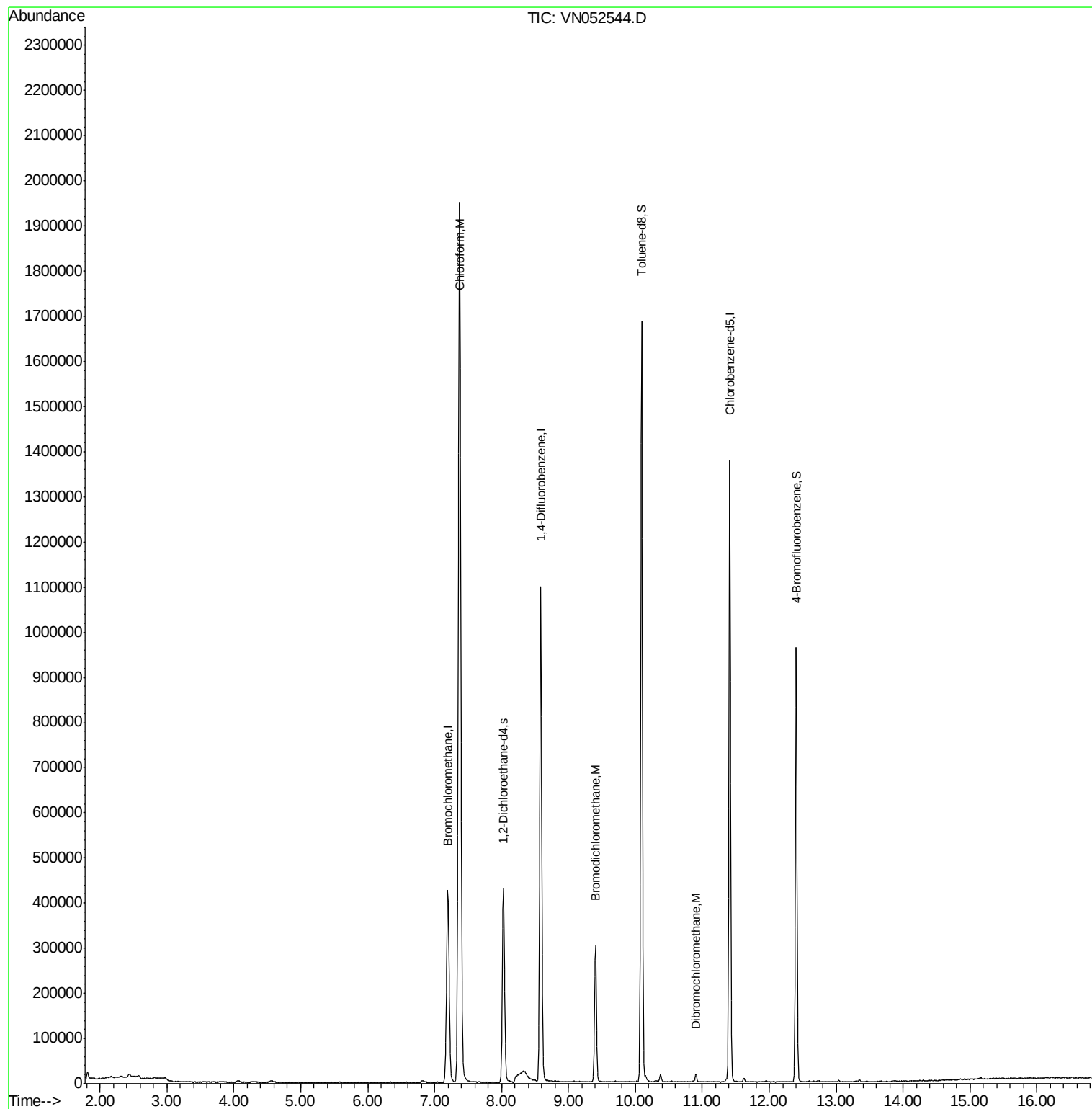
					Ovalue
25) Chloroform	7.37	83	2122065	104.777 ug/l	98
41) Bromodichloromethane	9.40	83	220414	14.684 ug/l	99
53) Dibromochloromethane	10.90	129	10066	0.949 ug/l	99

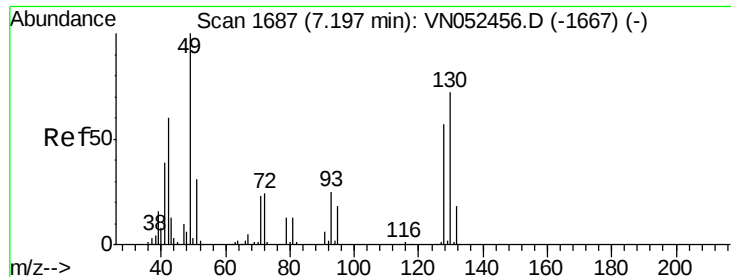
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
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QLast Update : Tue Nov 27 00:48:33 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052544.D

Acq: 29 Nov 2018 3:00

Instrument :

MSVOA_N

ClientSampled :

14B-2

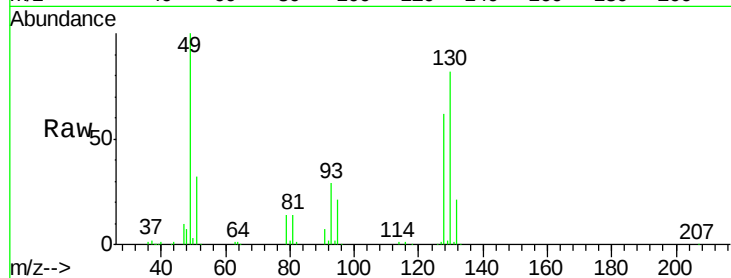
Tot Ion:128 Resp: 179222

Ion Ratio Lower Upper

128 100

49 157.6 0.0 431.8

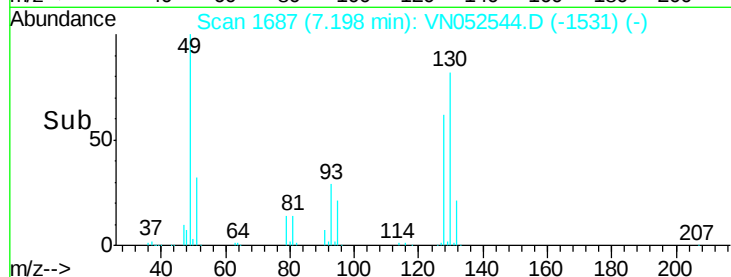
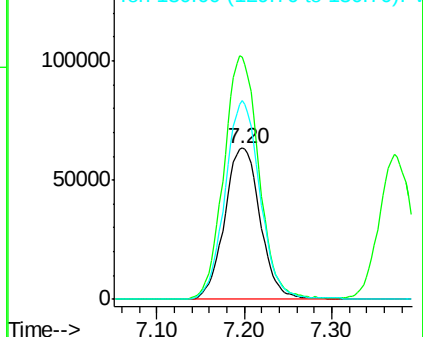
130 128.8 0.0 317.0



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: 104.777 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052544.D

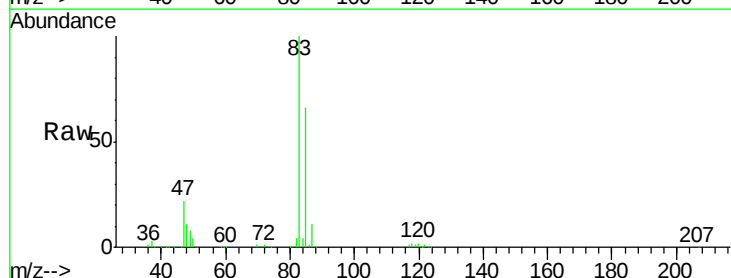
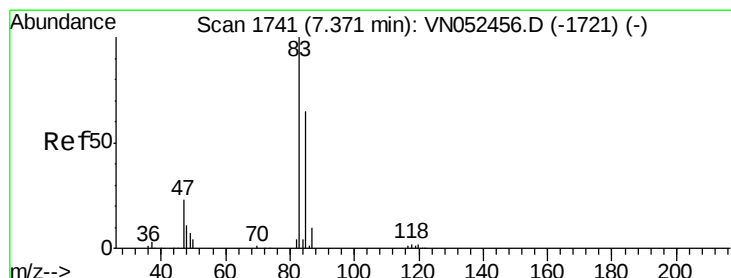
Acq: 29 Nov 2018 3:00

Tgt Ion: 83 Resp: 2122065

Ion Ratio Lower Upper

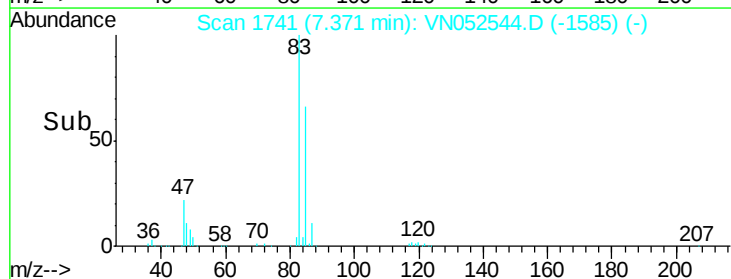
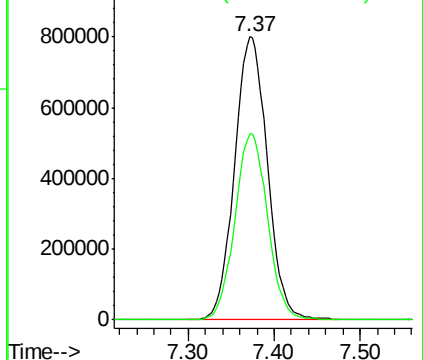
83 100

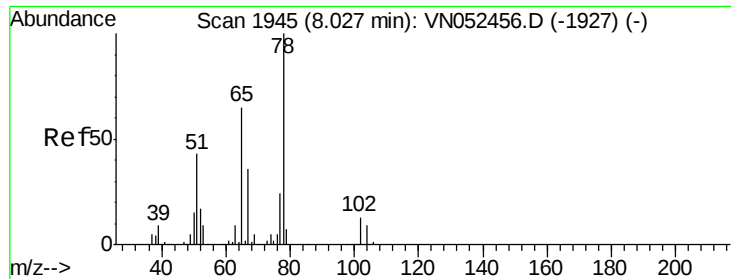
85 65.8 51.7 77.5



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052544.D

Acq: 29 Nov 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

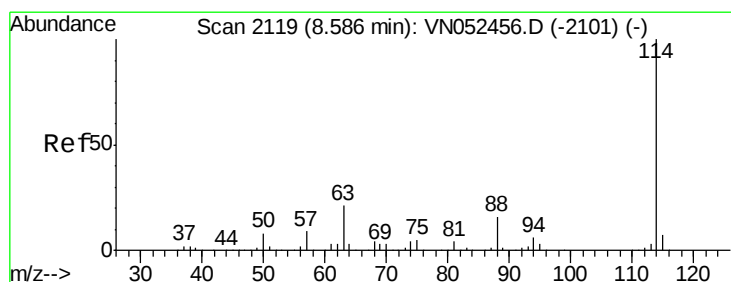
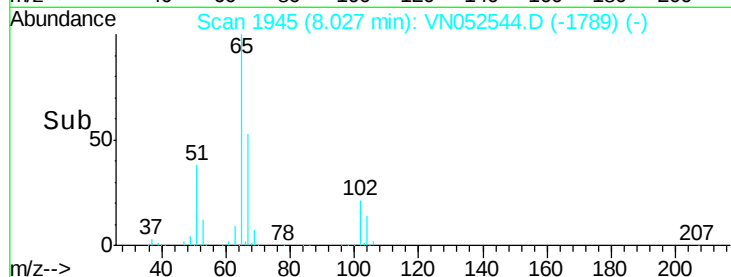
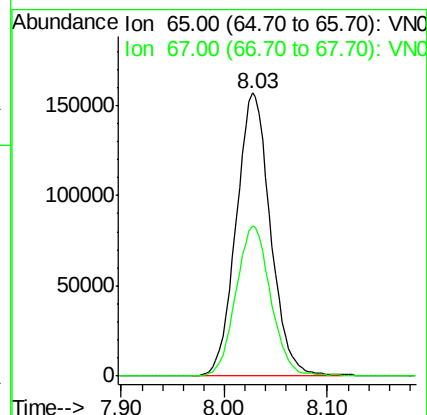
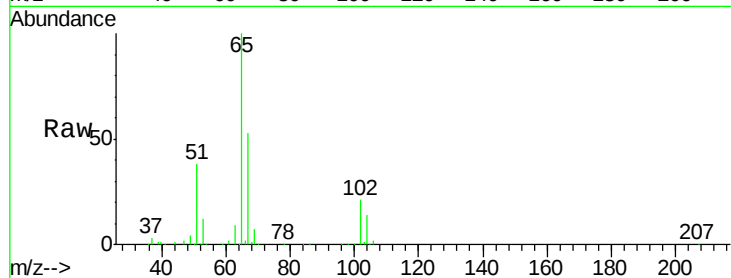
14B-2

Tot Ion: 65 Resp: 363005

Ion Ratio Lower Upper

65 100

67 53.8 44.6 66.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052544.D

Acq: 29 Nov 2018 3:00

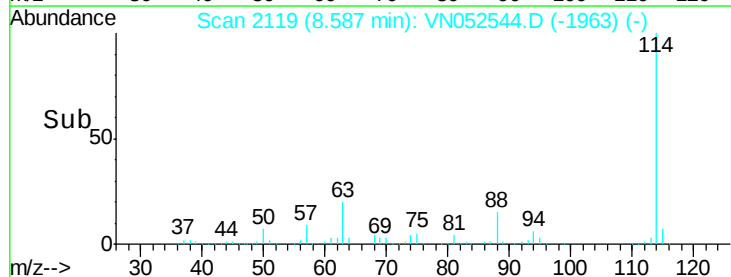
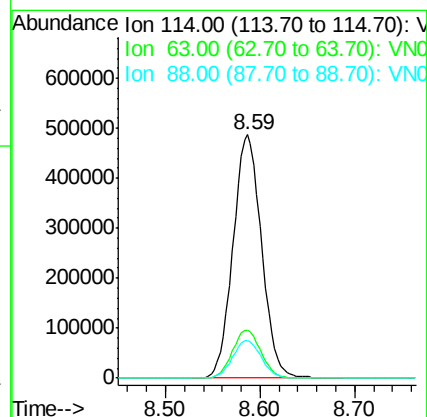
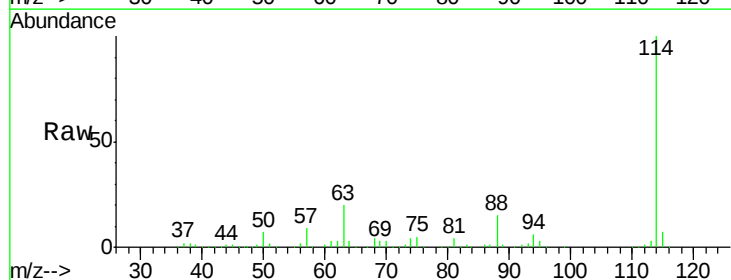
Tgt Ion: 114 Resp: 1021506

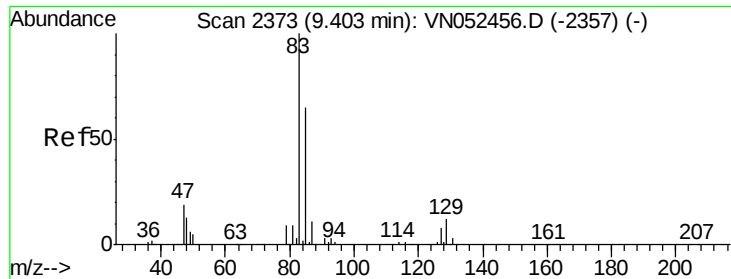
Ion Ratio Lower Upper

114 100

63 19.8 16.9 25.3

88 15.5 12.8 19.2





#41

Bromodichloromethane

Concen: 14.684 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052544.D

Acq: 29 Nov 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

14B-2

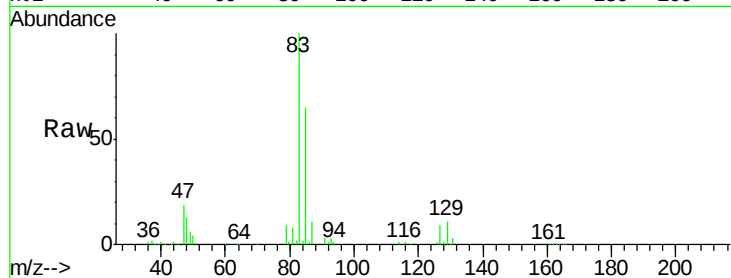
Tot Ion: 83 Resp: 220414

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

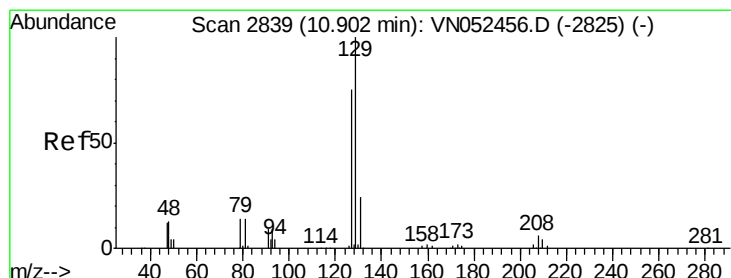
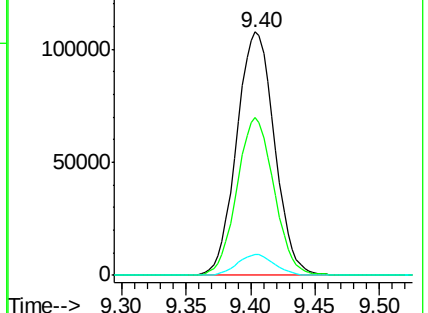
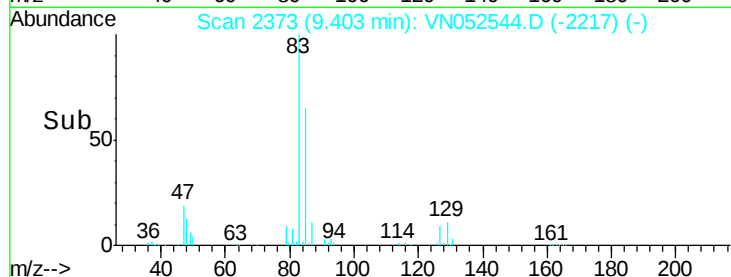
127 8.7 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052544.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN052544.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN052544.D (-2217) (-)



#53

Dibromochloromethane

Concen: 0.949 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052544.D

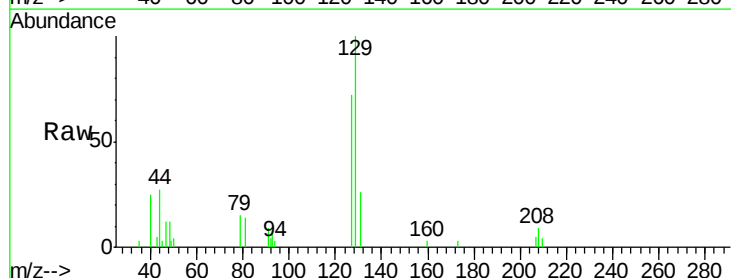
Acq: 29 Nov 2018 3:00

Tgt Ion: 129 Resp: 10066

Ion Ratio Lower Upper

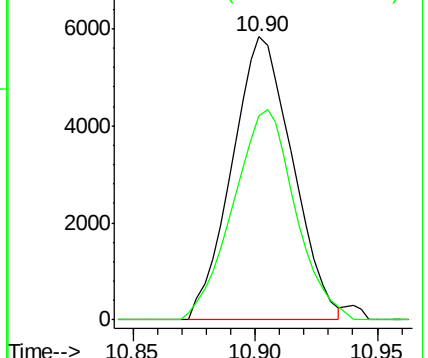
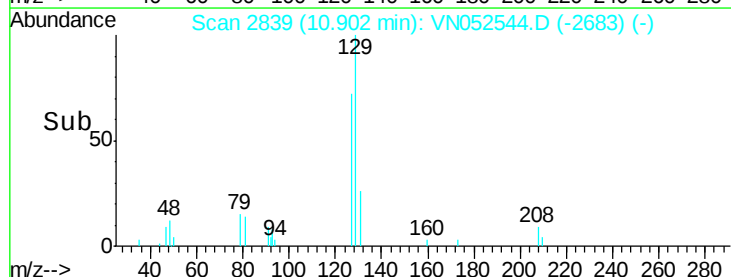
129 100

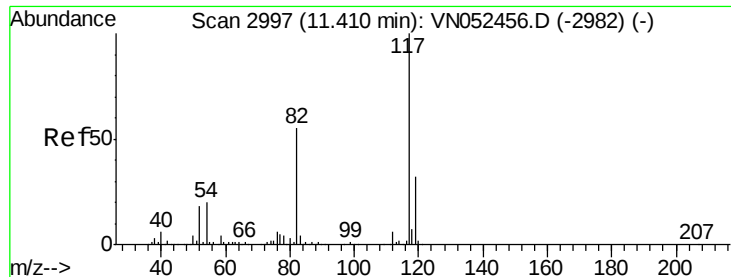
127 76.3 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052544.D (-2683) (-)

Ion 127.00 (126.70 to 127.70): VN052544.D (-2683) (-)

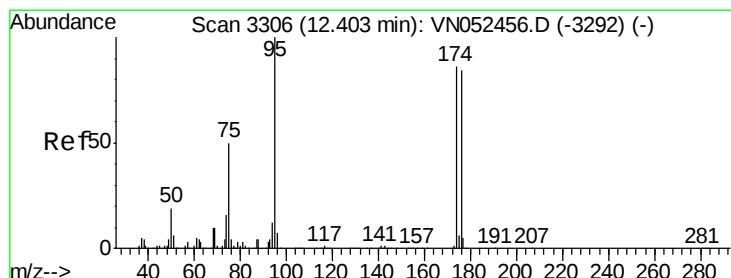
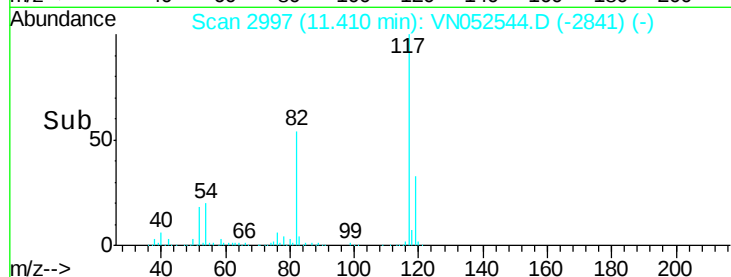
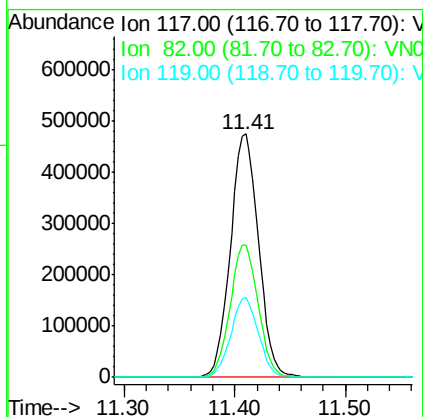
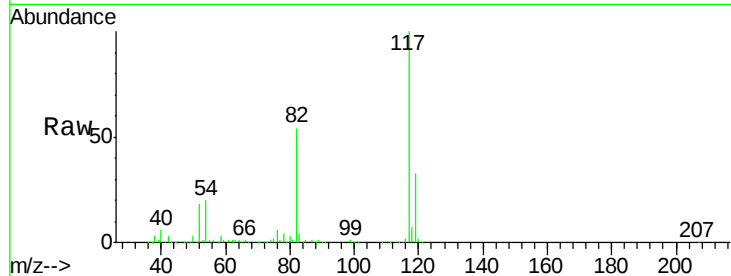




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052544.D
Acq: 29 Nov 2018 3:00

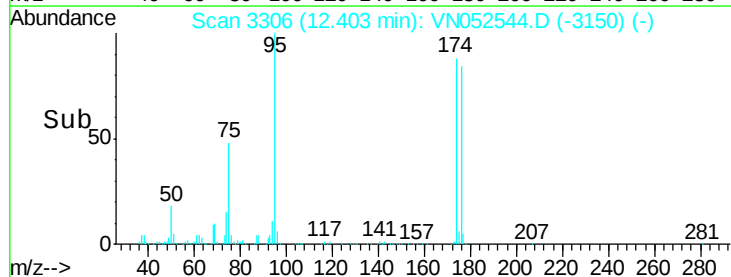
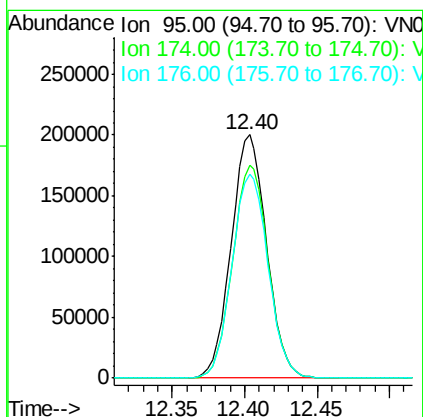
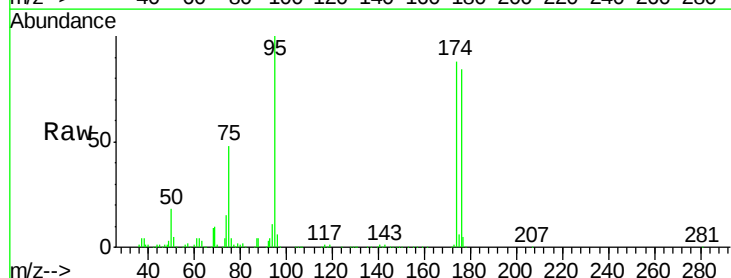
Instrument :
MSVOA_N
ClientSampled :
14B-2

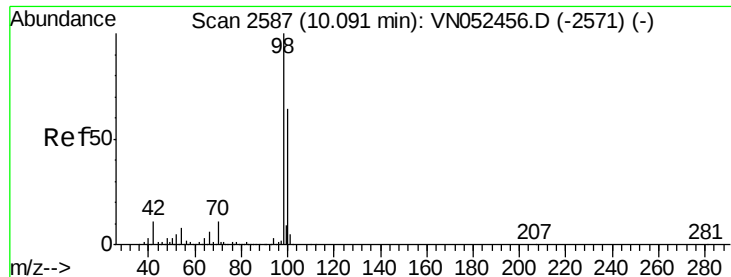
Tot Ion:117 Resp: 839177
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.2 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052544.D
Acq: 29 Nov 2018 3:00

Tgt Ion: 95 Resp: 339675
Ion Ratio Lower Upper
95 100
174 88.0 67.9 101.9
176 85.5 66.4 99.6





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052544.D

Acq: 29 Nov 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

14B-2

Tot Ion: 98 Resp: 1181844

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7

