

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052501.D
 Acq On : 28 Nov 2018 2:05
 Operator : MD\SY
 Sample : J6086-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Nov 28 07:35:48 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	180327	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1027420	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	847060	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	369988	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	12.40	95	337532	26.06	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.87%
63) Toluene-d8	10.09	98	1192381	30.36	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.20%

Target Compounds

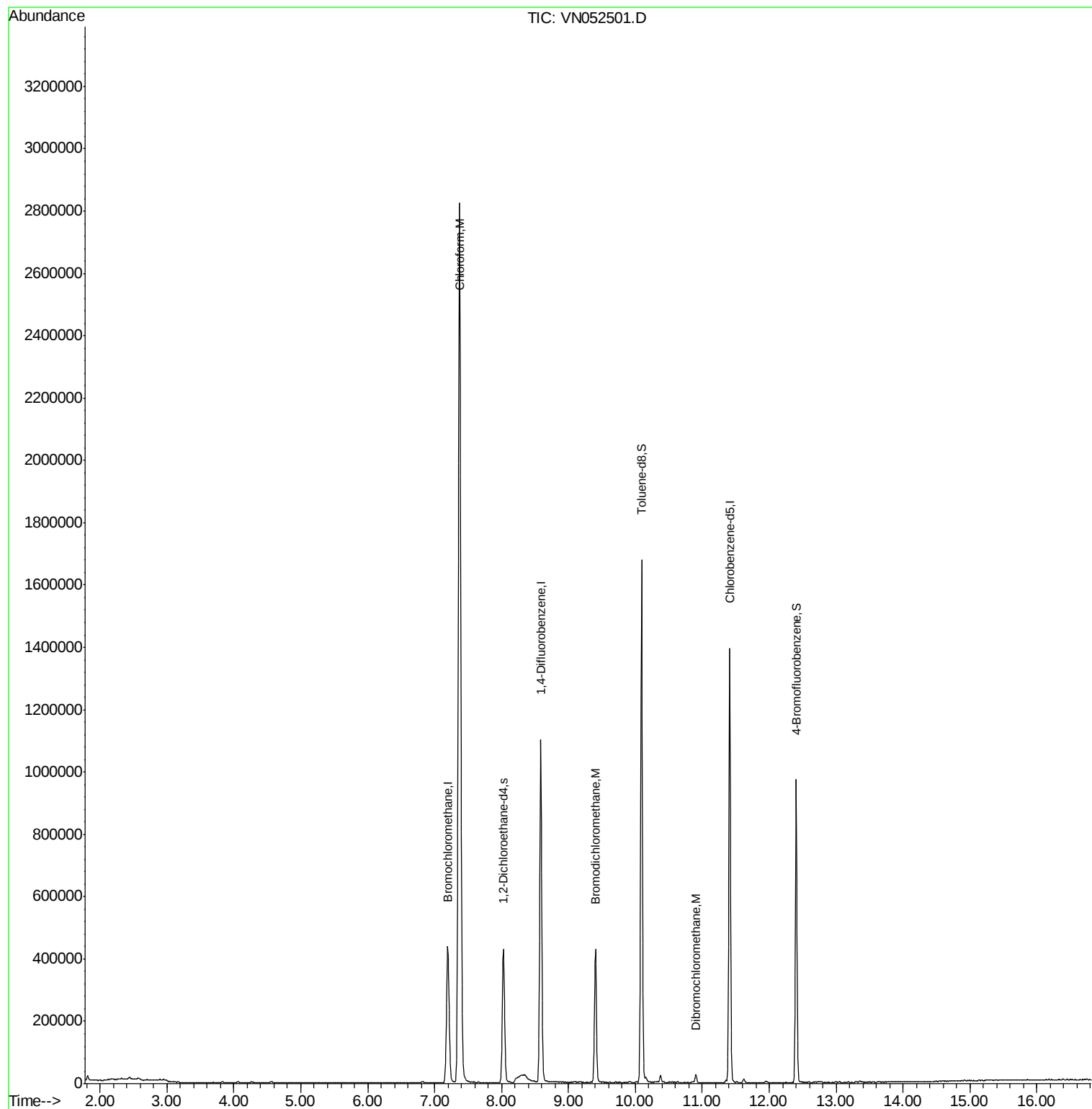
						Qvalue
25) Chloroform	7.37	83	3047495	149.55	ug/l	99
41) Bromodichloromethane	9.40	83	308736	20.45	ug/l	97
53) Dibromochloromethane	10.90	129	14672	1.38	ug/l	99

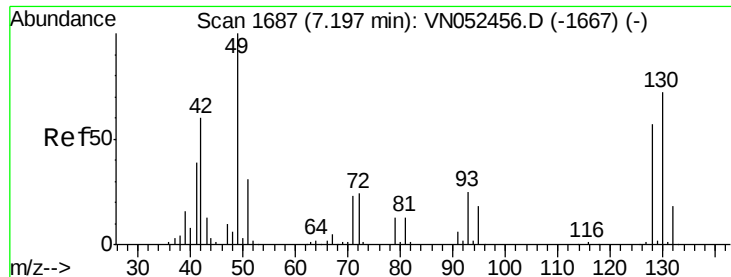
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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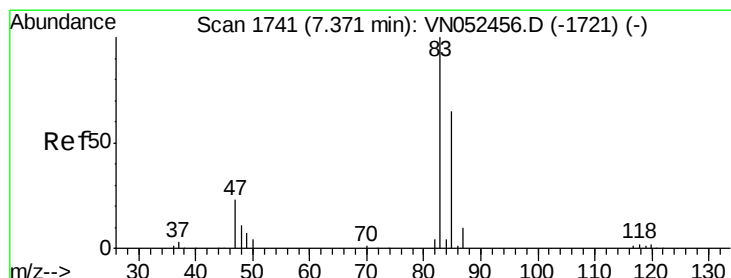
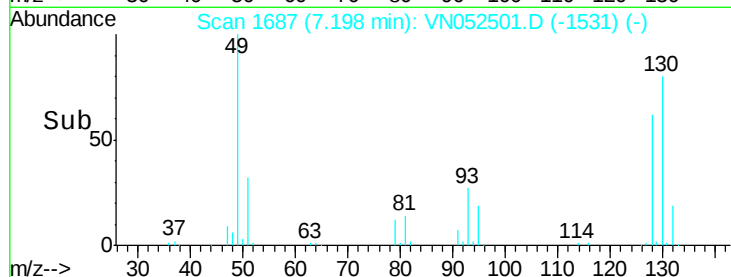
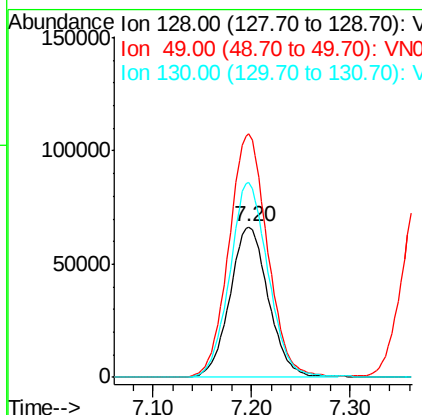
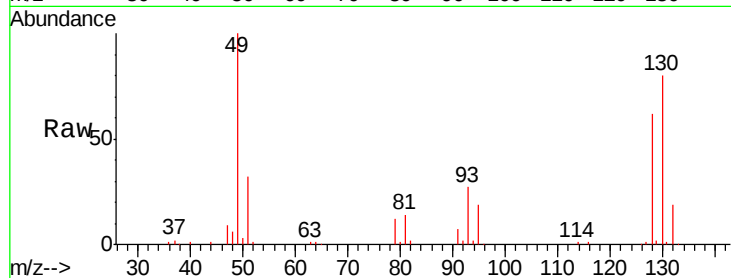




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052501.D
Acq: 28 Nov 2018 2:05

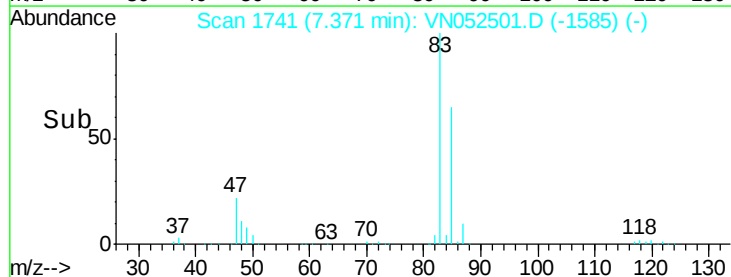
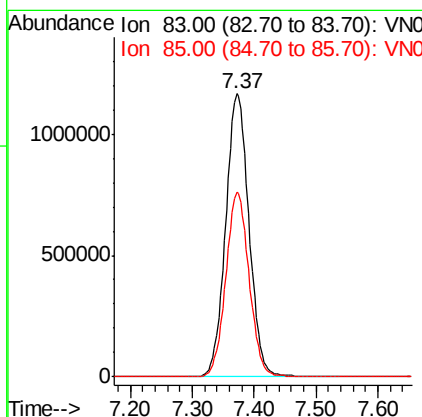
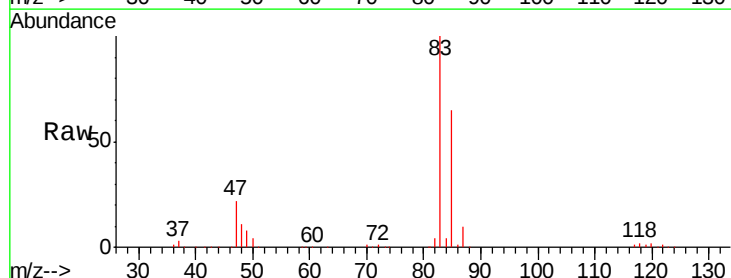
Instrument :
MSVOA_N
ClientSampled :
14B-2

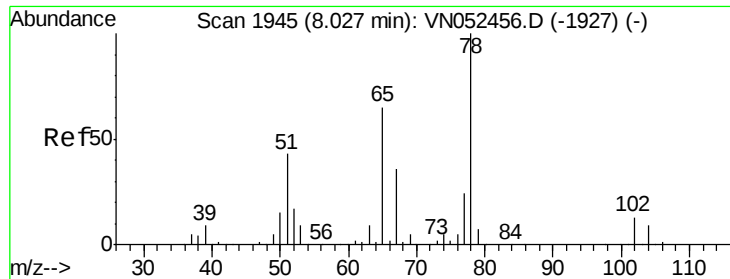
Tgt Ion	Ratio	Lower	Upper
128	100		
49	162.3	0.0	431.8
130	129.3	0.0	317.0



#25
Chloroform
Concen: 149.55 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052501.D
Acq: 28 Nov 2018 2:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.7	77.5

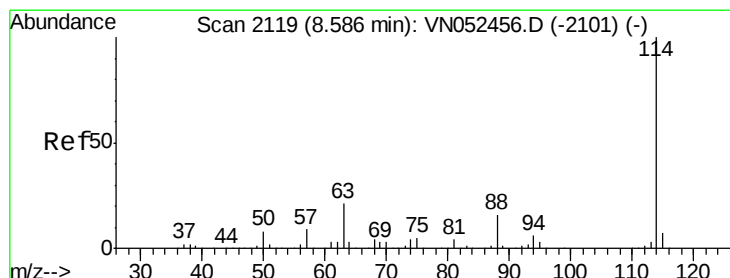
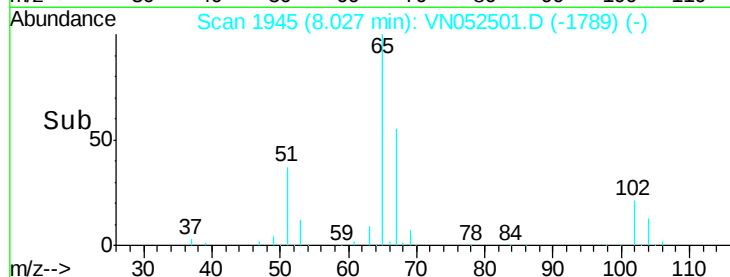
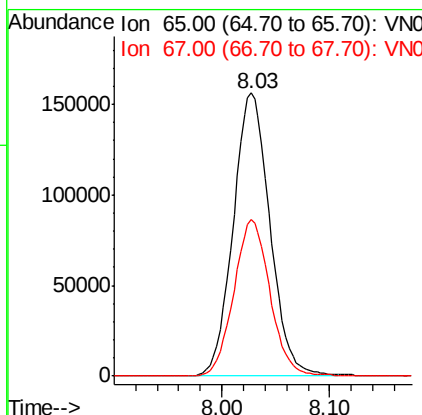
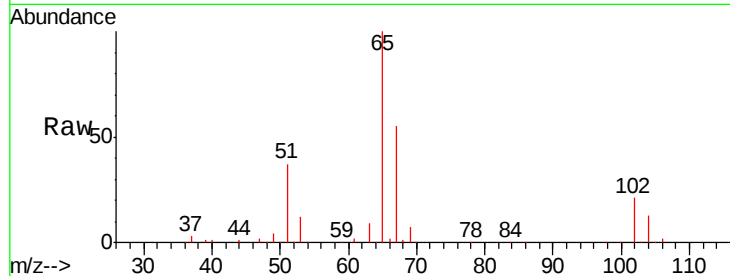




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052501.D
 Acq: 28 Nov 2018 2:05

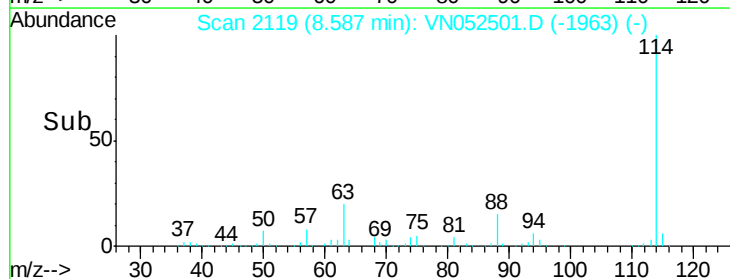
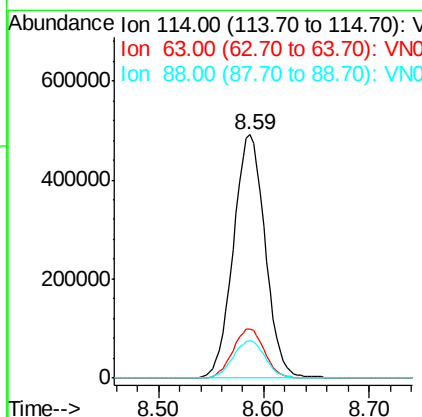
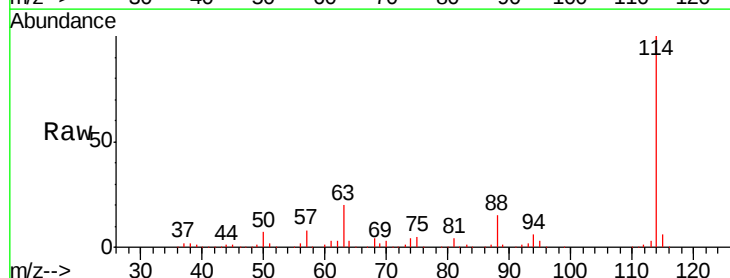
Instrument :
 MSVOA_N
 ClientSampled :
 14B-2

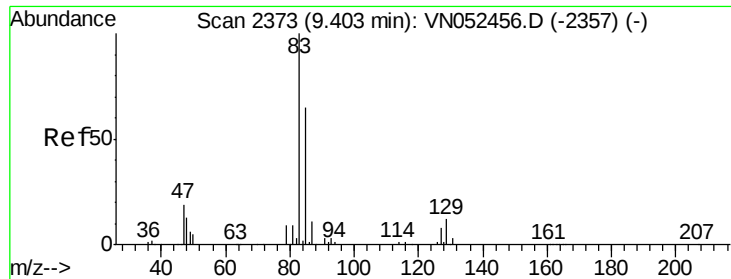
Tgt Ion: 65 Resp: 369988
 Ion Ratio Lower Upper
 65 100
 67 54.5 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052501.D
 Acq: 28 Nov 2018 2:05

Tgt Ion: 114 Resp: 1027420
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.9 25.3
 88 15.4 12.8 19.2





#41

Bromodichloromethane

Concen: 20.45 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052501.D

Acq: 28 Nov 2018 2:05

Instrument :

MSVOA_N

ClientSampleId :

14B-2

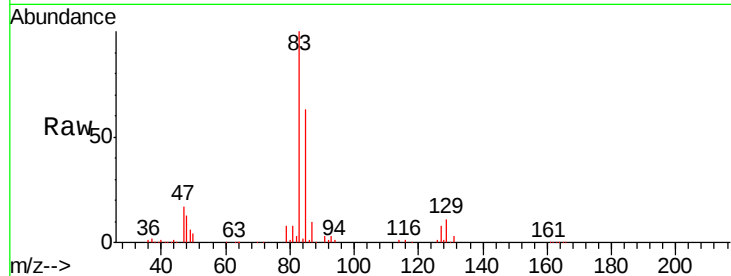
Tgt Ion: 83 Resp: 308736

Ion Ratio Lower Upper

83 100

85 63.2 52.4 78.6

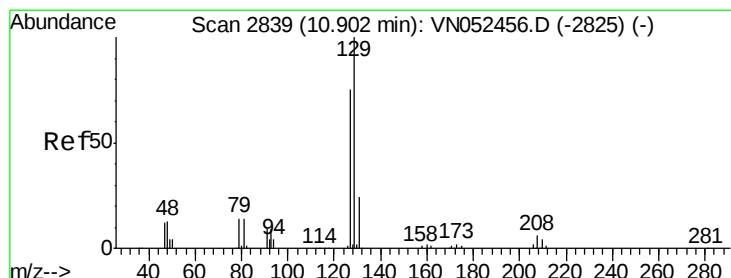
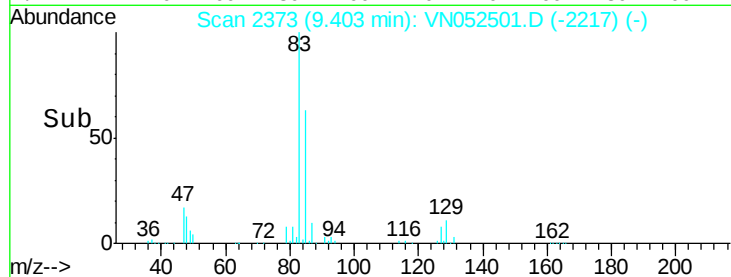
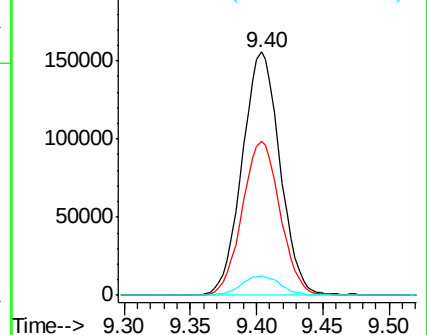
127 7.8 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052501.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN052501.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN052501.D (-2217) (-)



#53

Dibromochloromethane

Concen: 1.38 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052501.D

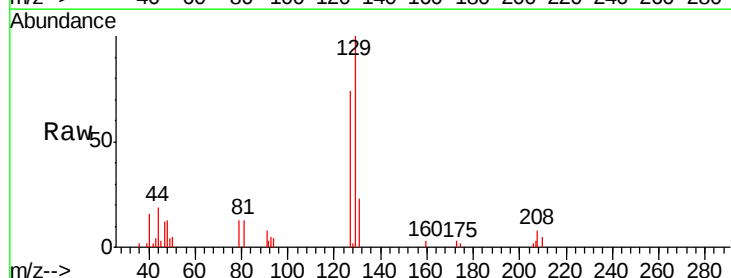
Acq: 28 Nov 2018 2:05

Tgt Ion: 129 Resp: 14672

Ion Ratio Lower Upper

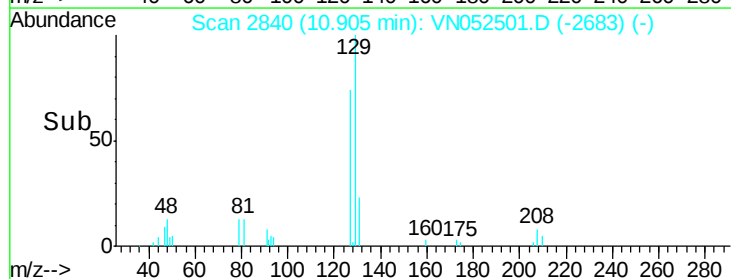
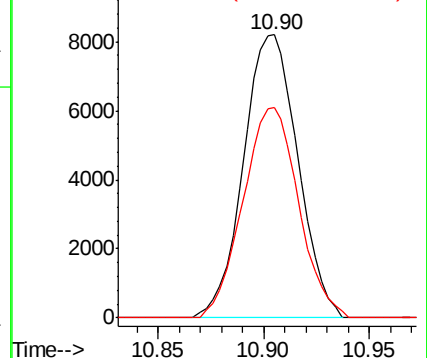
129 100

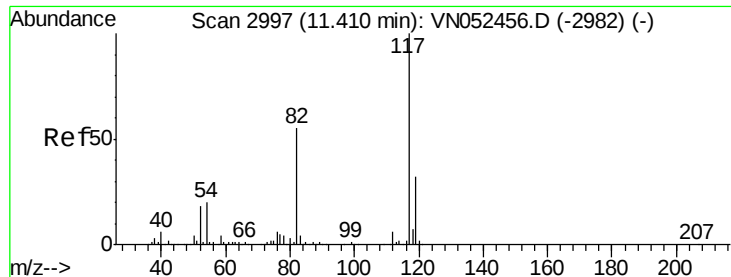
127 76.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052501.D (-2683) (-)

Ion 127.00 (126.70 to 127.70): VN052501.D (-2683) (-)





#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052501.D

Acq: 28 Nov 2018 2:05

Instrument :

MSVOA_N

ClientSampled :

14B-2

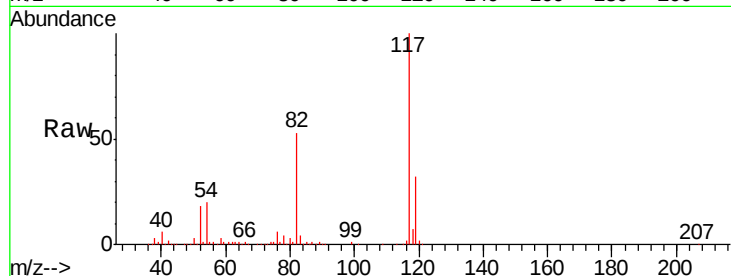
Tgt Ion: 117 Resp: 847060

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.2

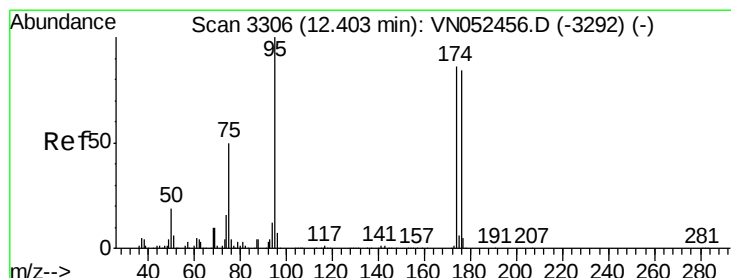
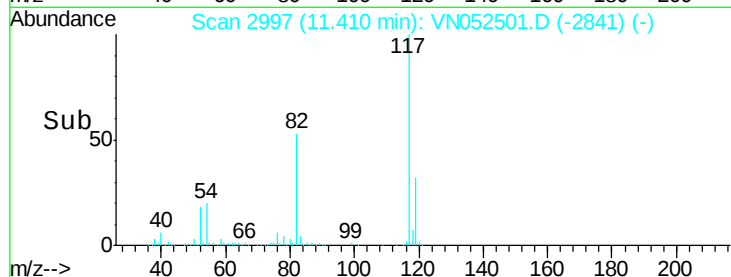
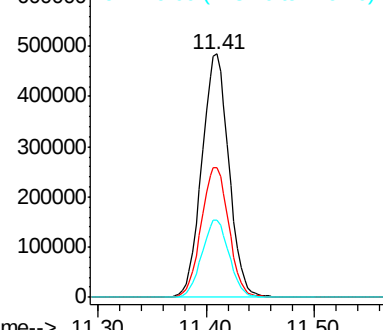
119 32.2 25.4 38.2



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: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052501.D

Acq: 28 Nov 2018 2:05

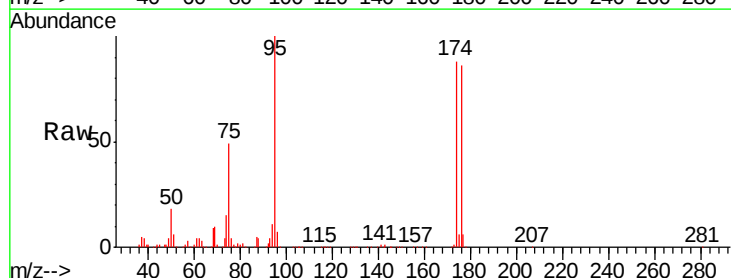
Tgt Ion: 95 Resp: 337532

Ion Ratio Lower Upper

95 100

174 87.6 67.9 101.9

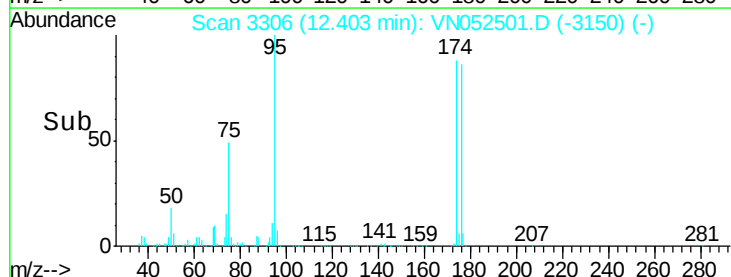
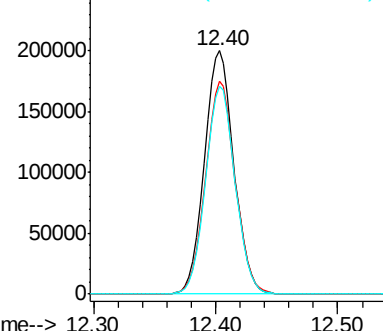
176 85.3 66.4 99.6

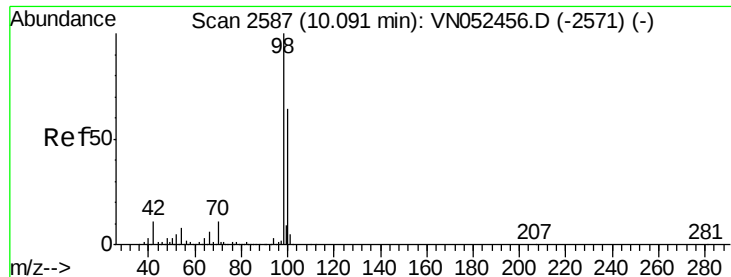


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052501.D

Acq: 28 Nov 2018 2:05

Instrument :

MSVOA_N

ClientSampleId :

14B-2

Tgt Ion: 98 Resp: 1192381

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

