

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052589.D
 Acq On : 30 Nov 2018 2:50
 Operator : MD\SY
 Sample : J6144-04DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4DL

Quant Time: Dec 04 00:41:17 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	170498	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	945200	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	773314	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	338308	29.12	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	97.07%	
60) 4-Bromofluorobenzene	12.40	95	304653	25.77	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	85.90%	
63) Toluene-d8	10.09	98	1093215	30.49	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	101.63%	

Target Compounds

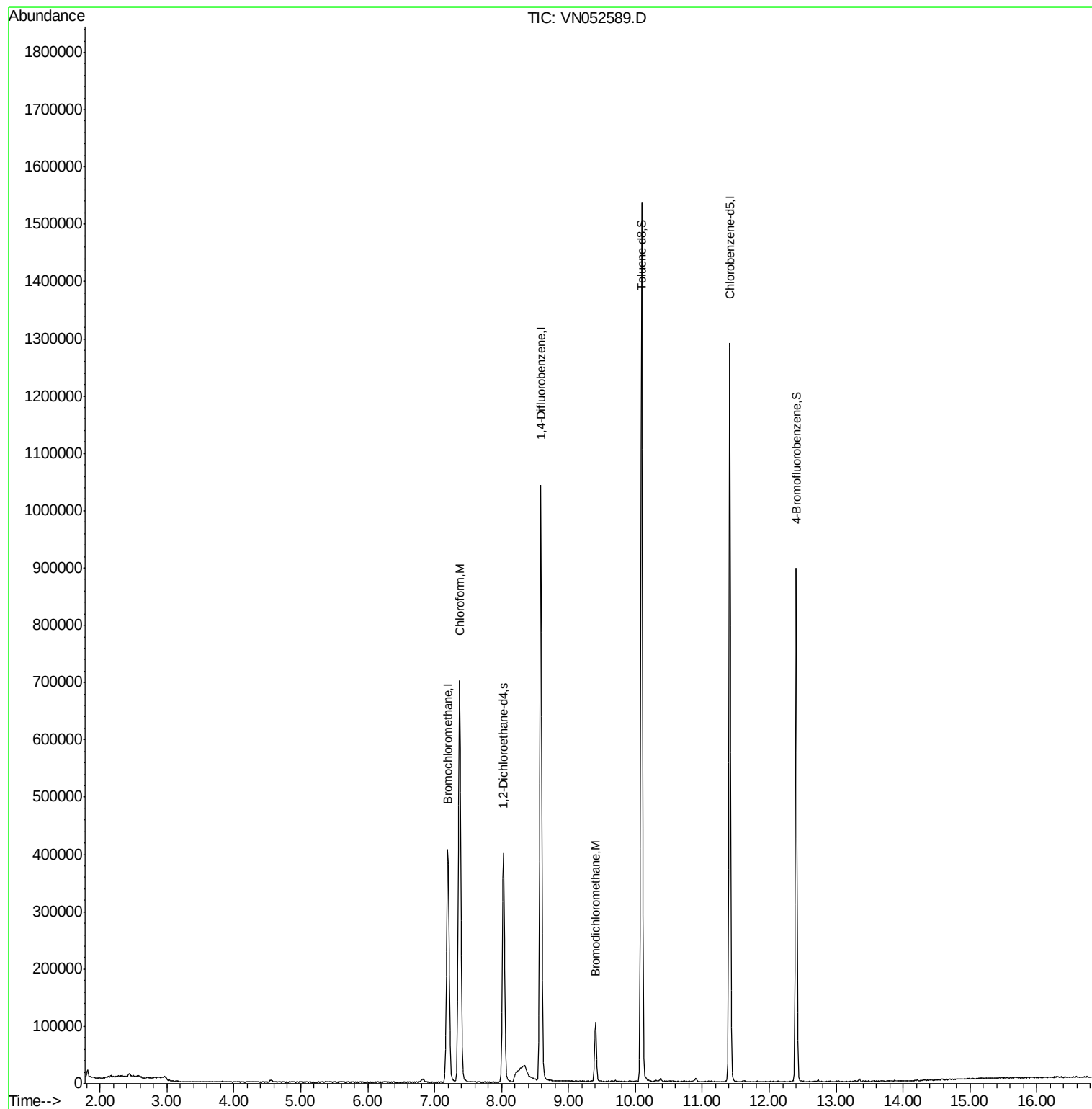
					Qvalue
25) Chloroform	7.37	83	764225	39.664	ug/l 100
41) Bromodichloromethane	9.40	83	73851	5.317	ug/l 98

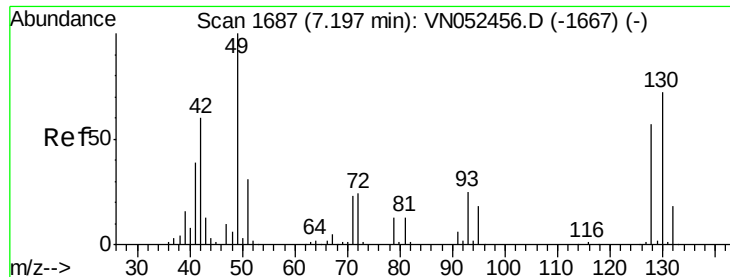
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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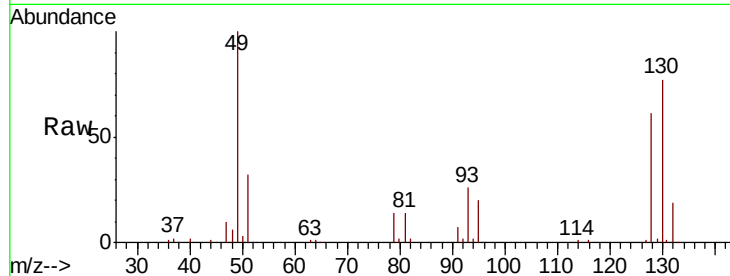




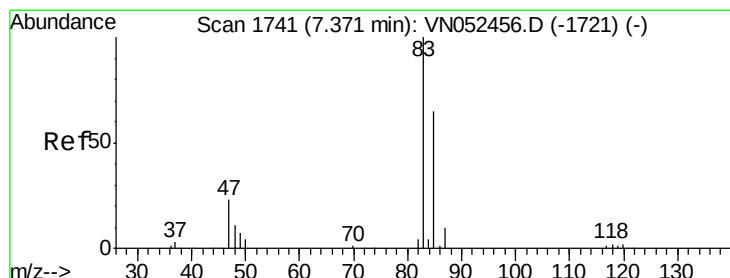
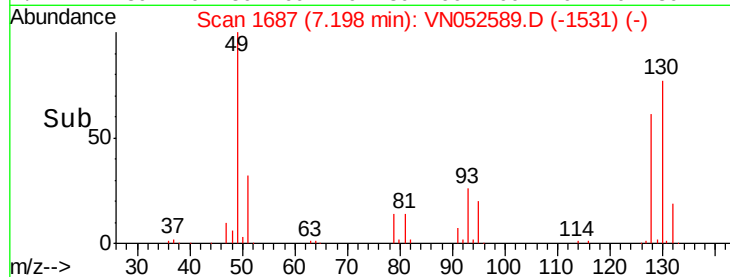
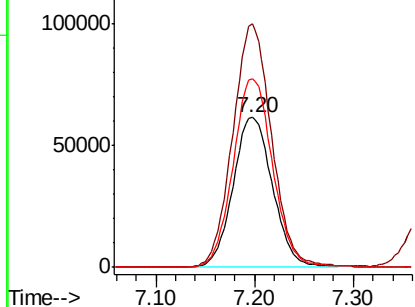
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052589.D
Acq: 30 Nov 2018 2:50

Instrument :
MSVOA_N
ClientSampled :
14B-4DL

Tgt Ion:128 Resp: 170498
Ion Ratio Lower Upper
128 100
49 160.3 0.0 431.8
130 126.0 0.0 317.0

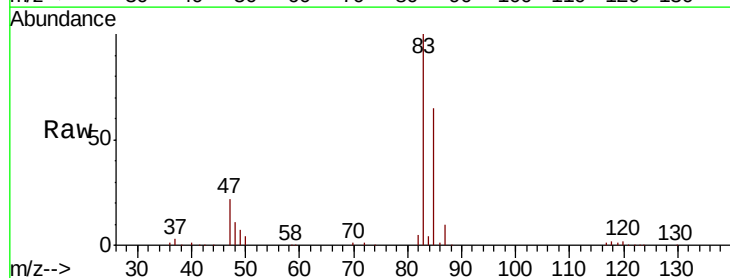


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

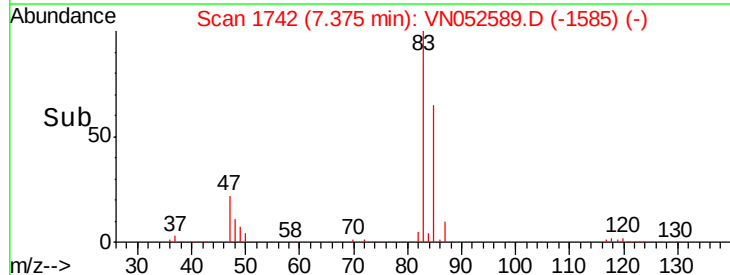
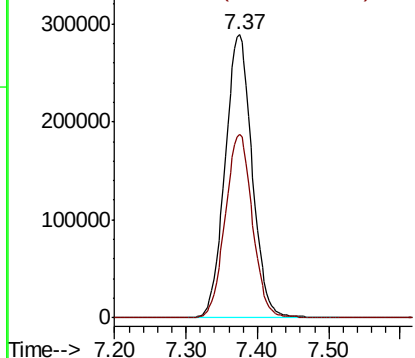


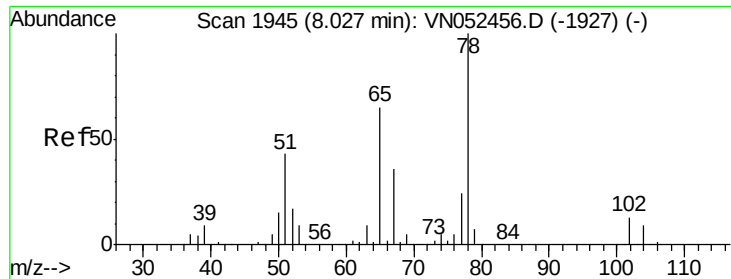
#25
Chloroform
Concen: 39.664 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052589.D
Acq: 30 Nov 2018 2:50

Tgt Ion: 83 Resp: 764225
Ion Ratio Lower Upper
83 100
85 64.9 51.7 77.5



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

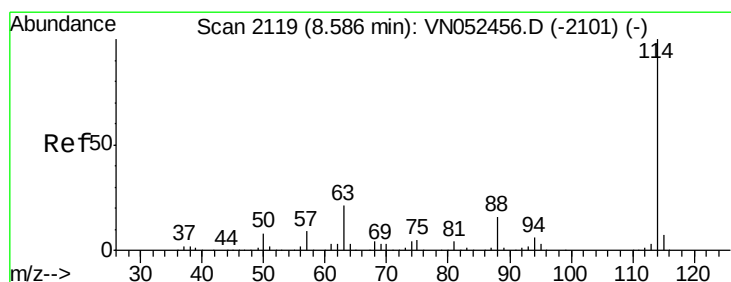
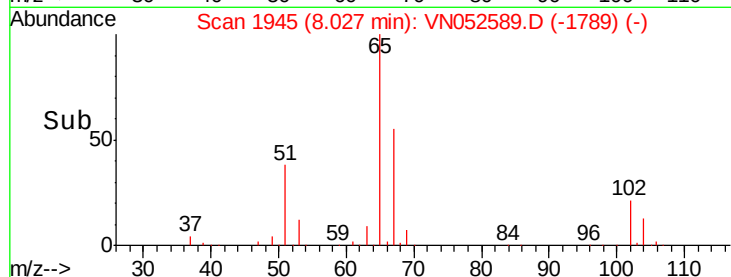
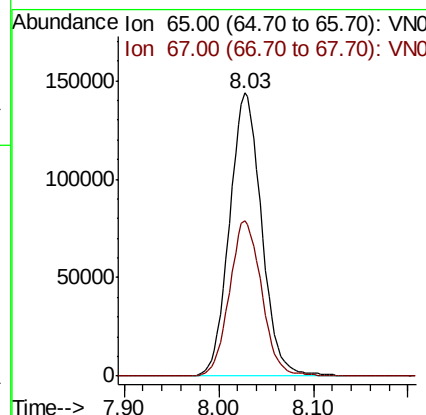
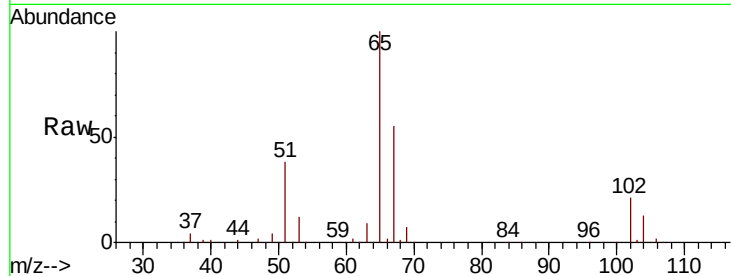




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052589.D
 Acq: 30 Nov 2018 2:50

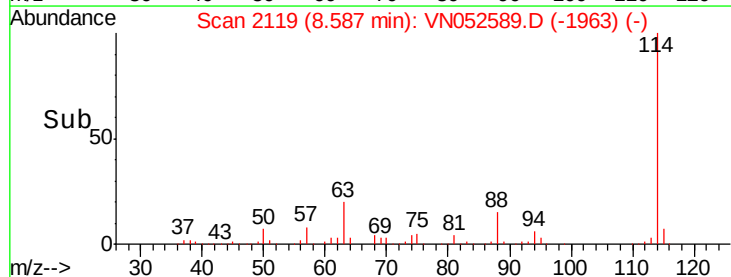
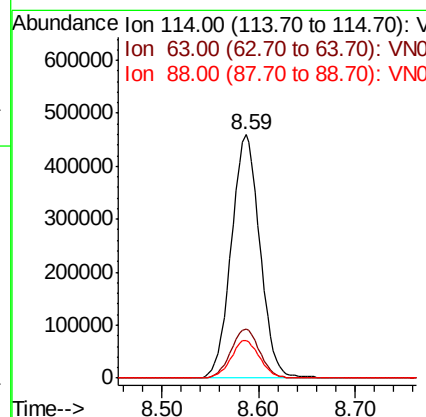
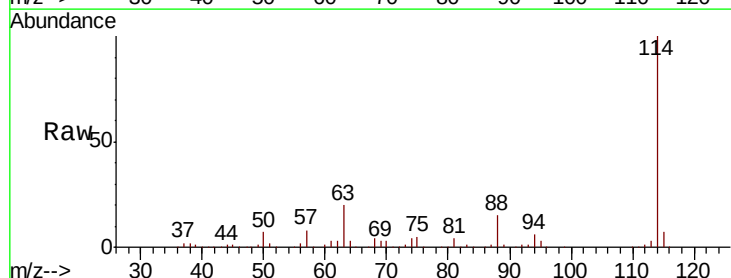
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4DL

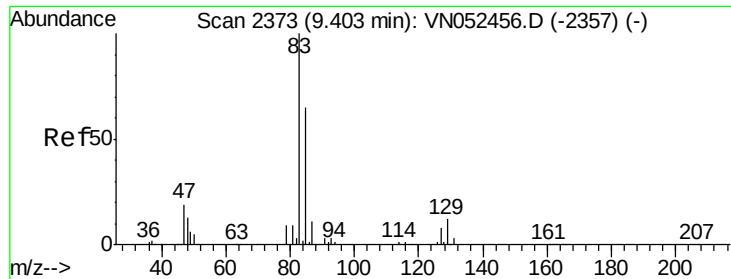
Tgt Ion: 65 Resp: 338308
 Ion Ratio Lower Upper
 65 100
 67 55.3 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052589.D
 Acq: 30 Nov 2018 2:50

Tgt Ion: 114 Resp: 945200
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.4 12.8 19.2





#41

Bromodichloromethane

Concen: 5.317 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052589.D

Acq: 30 Nov 2018 2:50

Instrument :

MSVOA_N

ClientSampleId :

14B-4DL

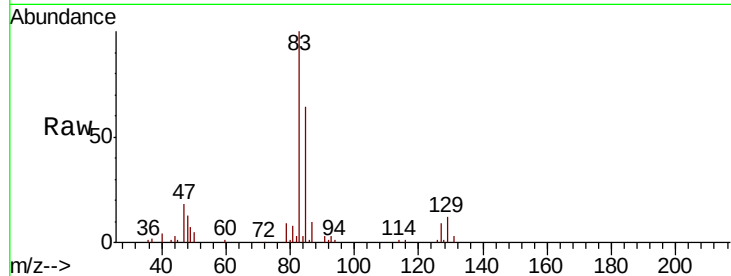
Tgt Ion: 83 Resp: 73851

Ion Ratio Lower Upper

83 100

85 63.6 52.4 78.6

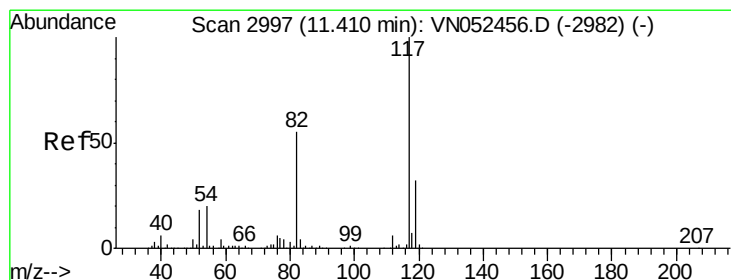
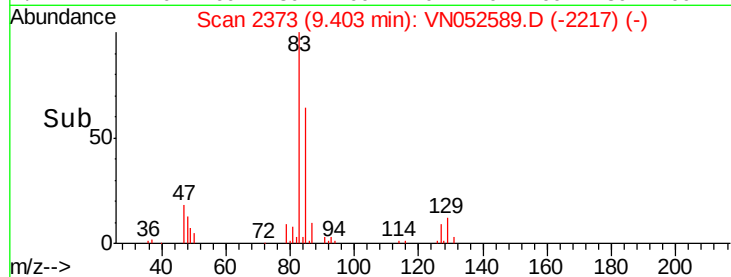
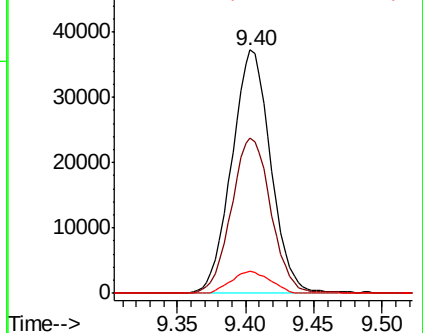
127 8.9 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052456.D (-2357) (-)

Ion 85.00 (84.70 to 85.70): VN052456.D (-2357) (-)

Ion 127.00 (126.70 to 127.70): VN052456.D (-2357) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052589.D

Acq: 30 Nov 2018 2:50

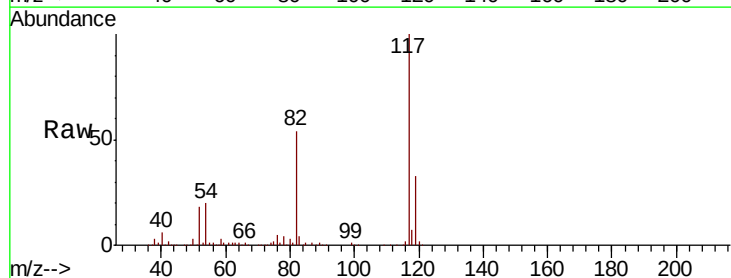
Tgt Ion: 117 Resp: 773314

Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.2

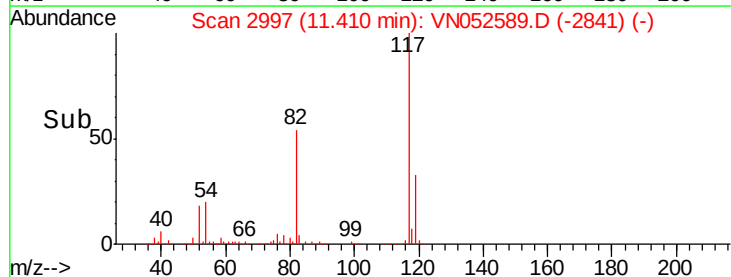
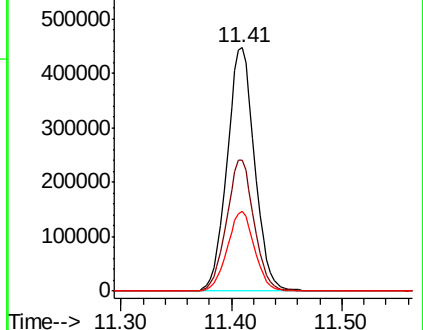
119 32.4 25.4 38.2

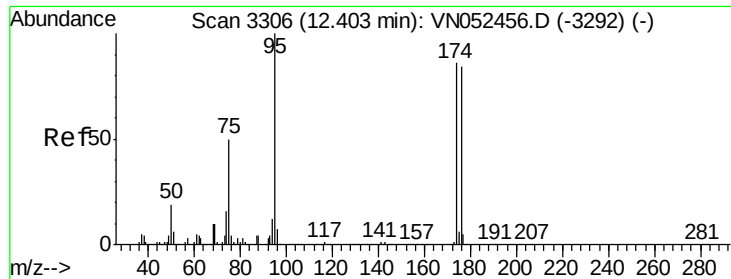


Abundance Ion 117.00 (116.70 to 117.70): VN052456.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN052456.D (-2982) (-)

Ion 119.00 (118.70 to 119.70): VN052456.D (-2982) (-)





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052589.D

Acq: 30 Nov 2018 2:50

Instrument :

MSVOA_N

ClientSampleId :

14B-4DL

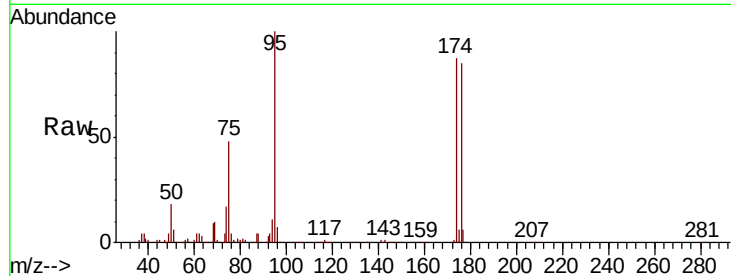
Tgt Ion: 95 Resp: 304653

Ion Ratio Lower Upper

95 100

174 87.0 67.9 101.9

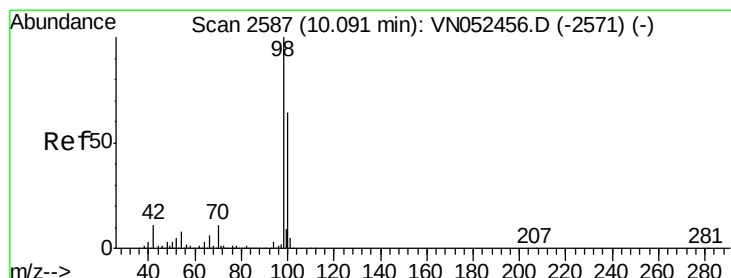
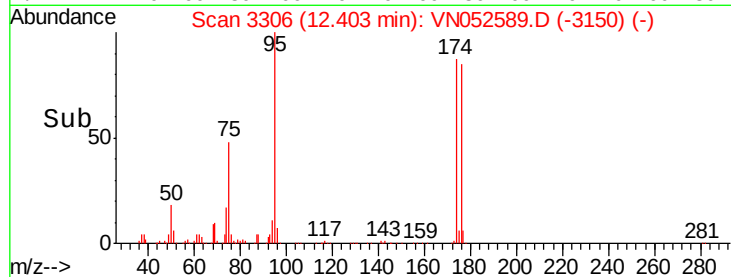
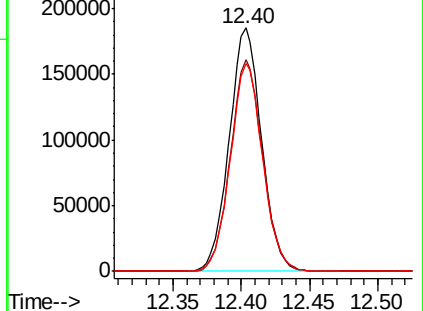
176 85.3 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN052456.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN052456.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN052456.D (-3292) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052589.D

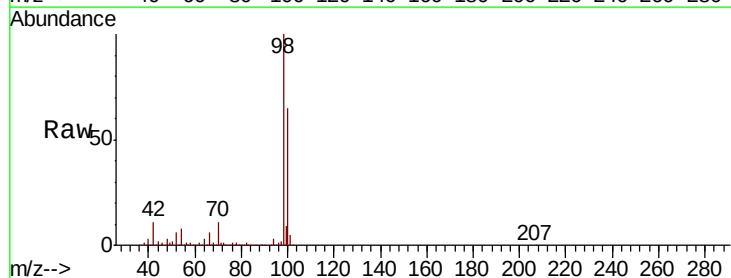
Acq: 30 Nov 2018 2:50

Tgt Ion: 98 Resp: 1093215

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052456.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN052456.D (-2571) (-)

