

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052549.D
 Acq On : 29 Nov 2018 5:13
 Operator : MD\SY
 Sample : J6120-04DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4DL

Quant Time: Nov 29 09:34:15 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	175822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1018072	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	839794	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	359317	29.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.97%
60) 4-Bromofluorobenzene	12.40	95	334158	26.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.77%
63) Toluene-d8	10.09	98	1187430	30.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.63%

Target Compounds

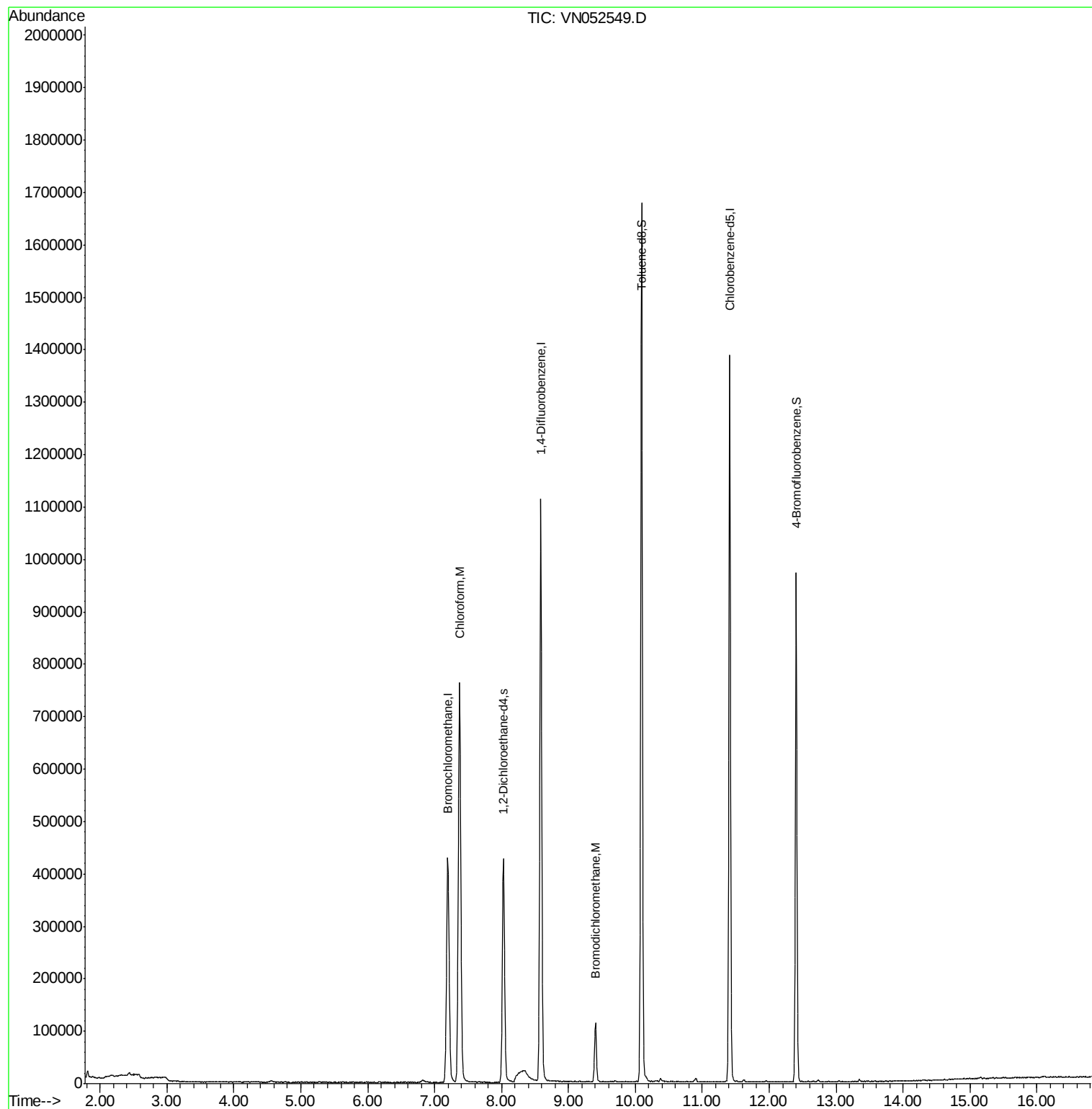
					Ovalue
25) Chloroform	7.37	83	829998	41.773	ug/l 100
41) Bromodichloromethane	9.40	83	79594	5.321	ug/l 99

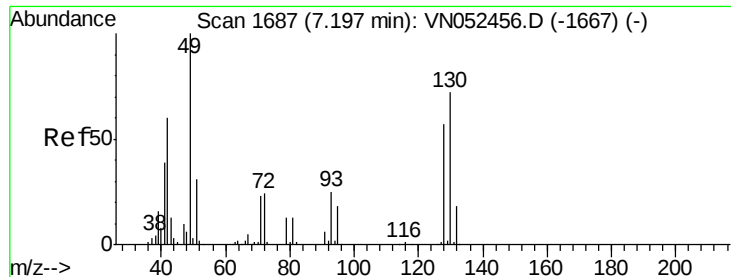
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112818\
Data File : VN052549.D
Acq On : 29 Nov 2018 5:13
Operator : MD\SY
Sample : J6120-04DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
14B-4DL

Quant Time: Nov 29 09:34:15 2018
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052549.D

Acq: 29 Nov 2018 5:13

Instrument :

MSVOA_N

ClientSampled :

14B-4DL

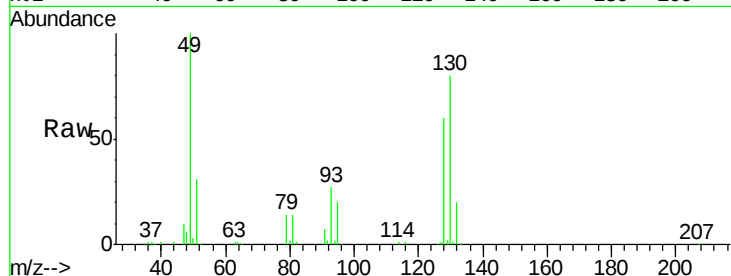
Tot Ion:128 Resp: 175822

Ion Ratio Lower Upper

128 100

49 159.7 0.0 431.8

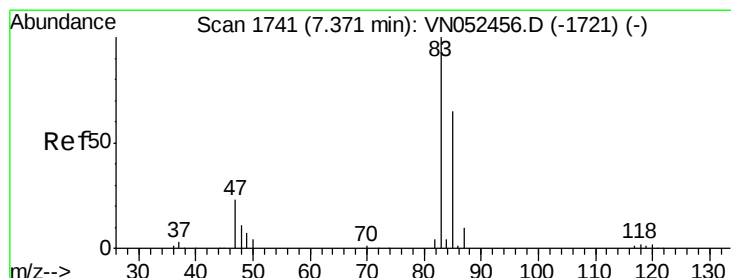
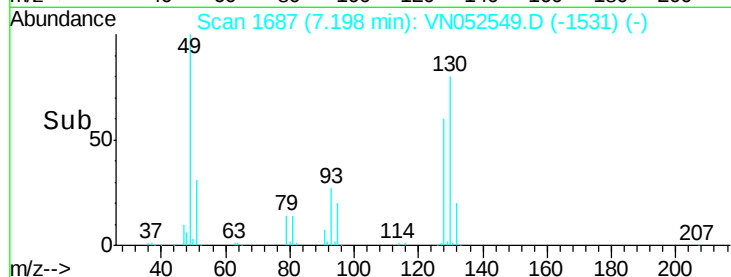
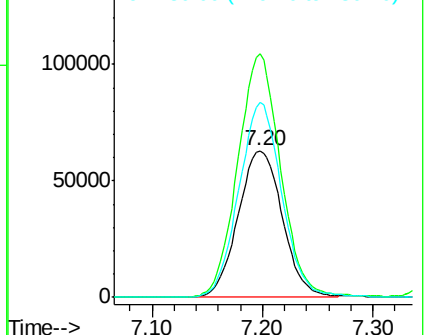
130 129.0 0.0 317.0



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: 41.773 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052549.D

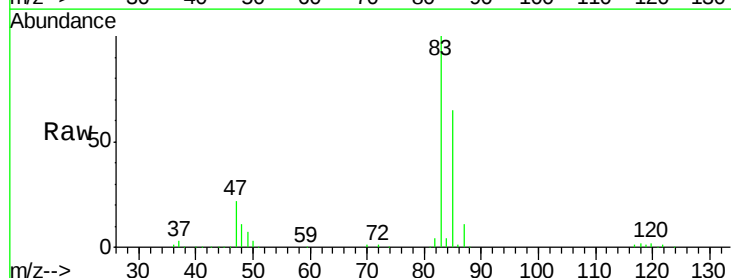
Acq: 29 Nov 2018 5:13

Tgt Ion: 83 Resp: 829998

Ion Ratio Lower Upper

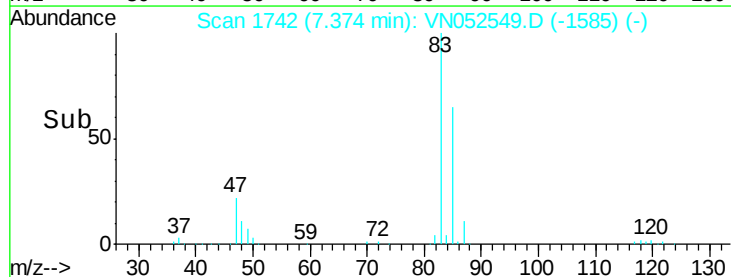
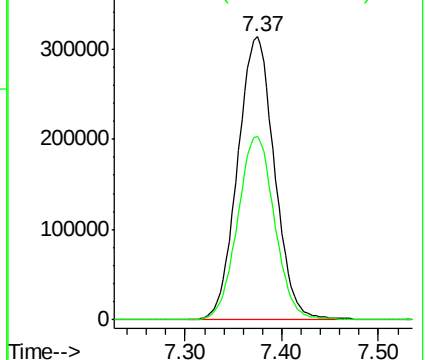
83 100

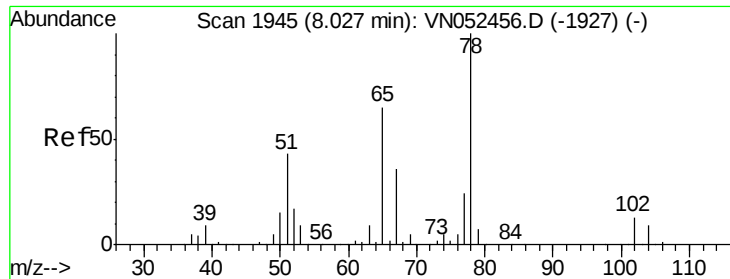
85 64.7 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

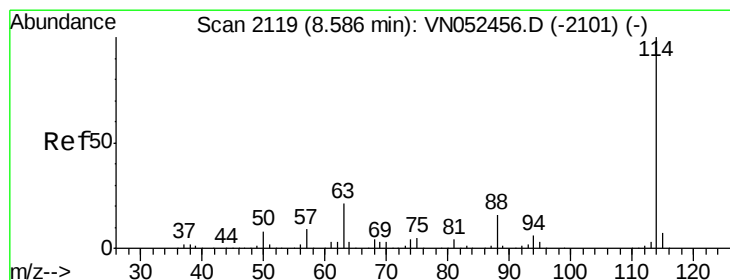
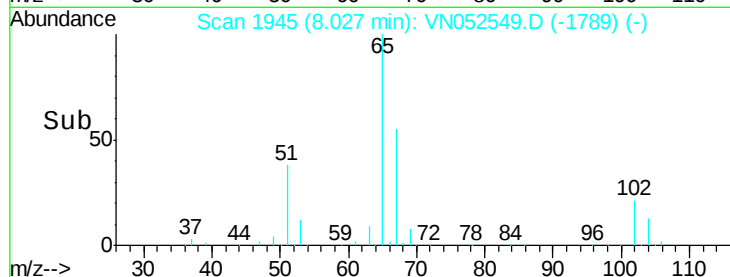
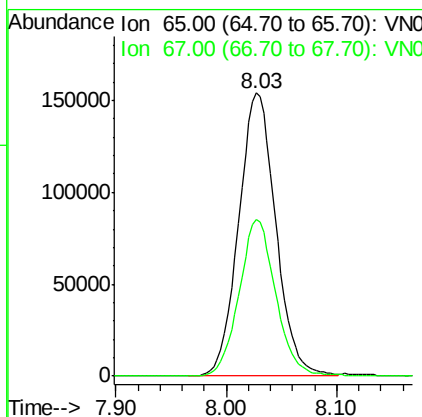
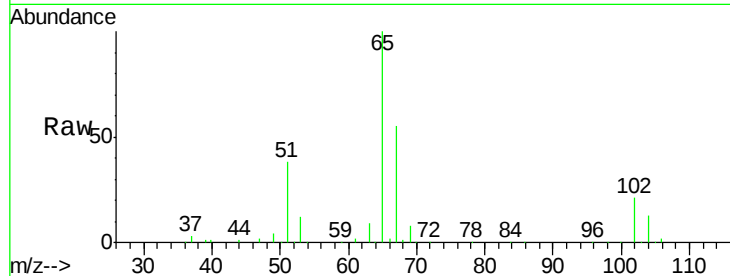




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052549.D
 Acq: 29 Nov 2018 5:13

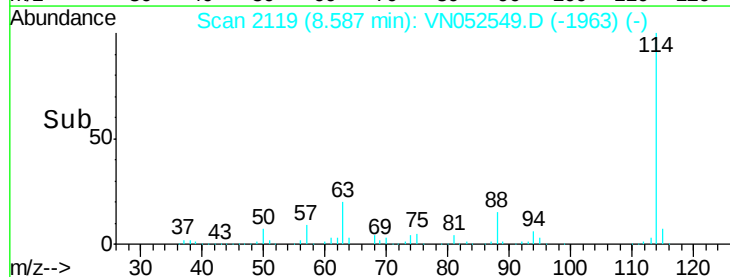
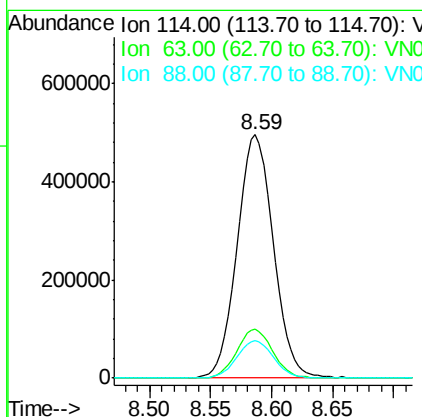
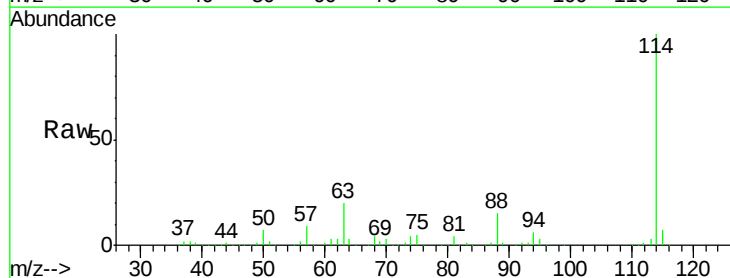
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4DL

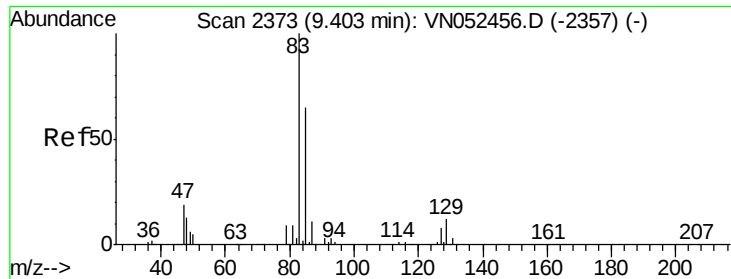
Tot Ion: 65 Resp: 359317
 Ion Ratio Lower Upper
 65 100
 67 54.6 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052549.D
 Acq: 29 Nov 2018 5:13

Tgt Ion: 114 Resp: 1018072
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.9 25.3
 88 15.4 12.8 19.2





#41

Bromodichloromethane

Concen: 5.321 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052549.D

Acq: 29 Nov 2018 5:13

Instrument :

MSVOA_N

ClientSampled :

14B-4DL

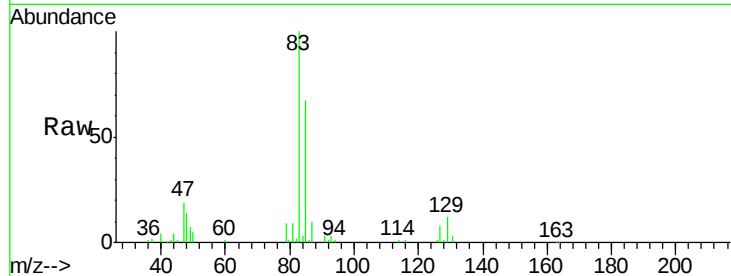
Tot Ion: 83 Resp: 79594

Ion Ratio Lower Upper

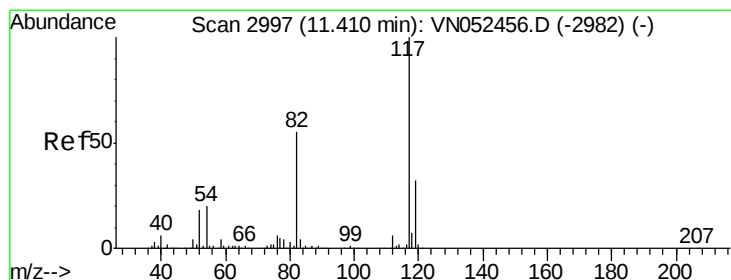
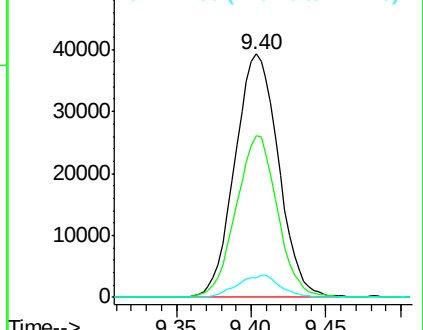
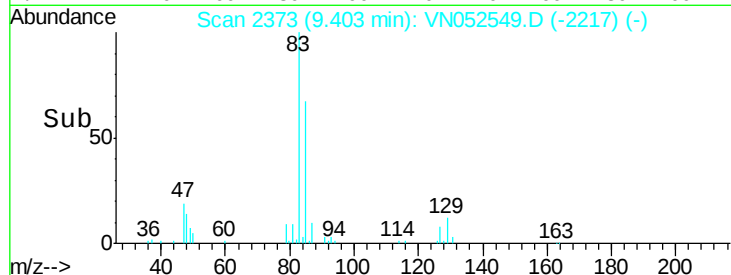
83 100

85 66.6 52.4 78.6

127 8.3 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052549.D (-2217) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052549.D

Acq: 29 Nov 2018 5:13

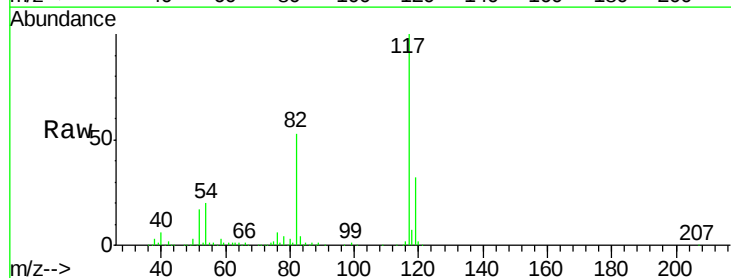
Tgt Ion: 117 Resp: 839794

Ion Ratio Lower Upper

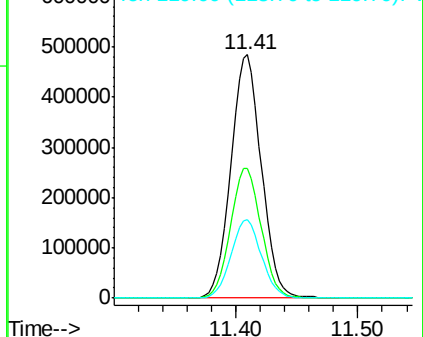
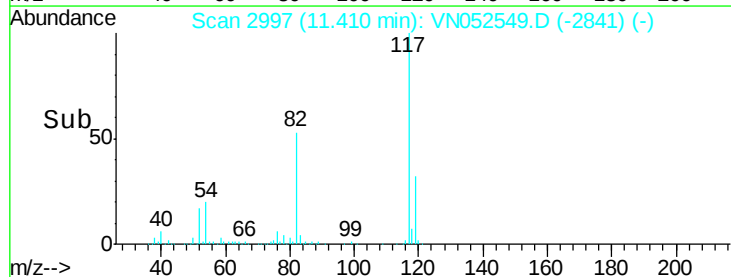
117 100

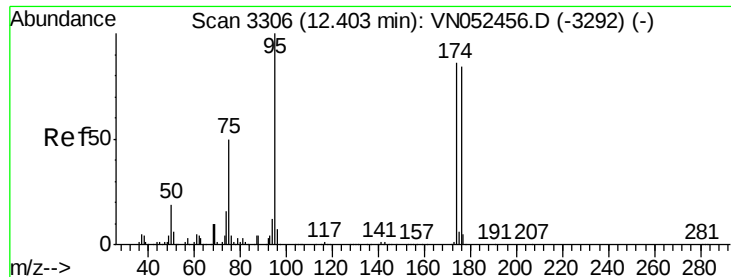
82 53.9 44.2 66.2

119 32.3 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): VN052549.D (-2841) (-)





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052549.D

Acq: 29 Nov 2018 5:13

Instrument :

MSVOA_N

ClientSampled :

14B-4DL

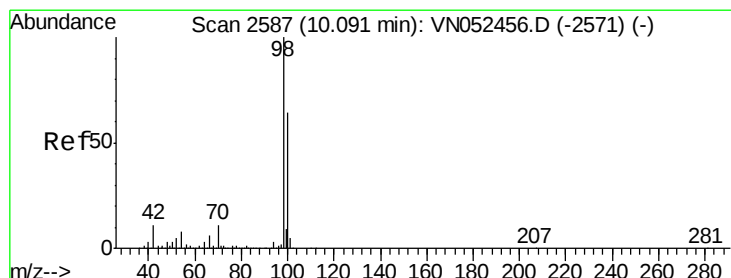
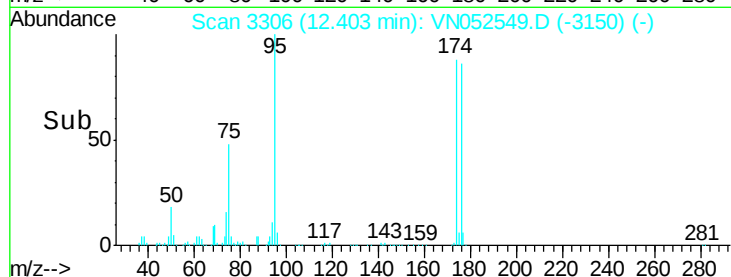
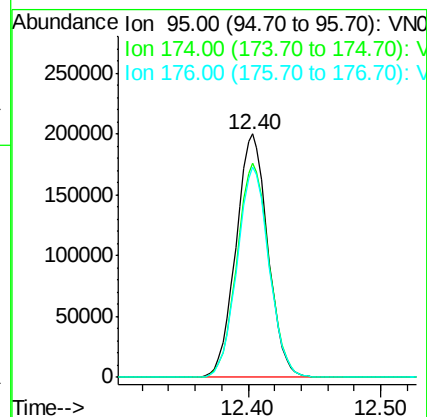
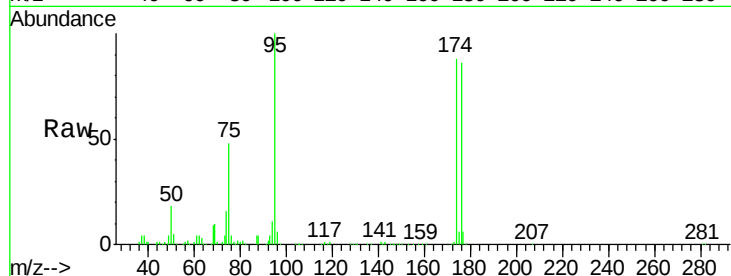
Tot Ion: 95 Resp: 334158

Ion Ratio Lower Upper

95 100

174 88.6 67.9 101.9

176 86.2 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: VN052549.D

Acq: 29 Nov 2018 5:13

Tgt Ion: 98 Resp: 1187430

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7

