

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051747.D
 Acq On : 9 Oct 2018 13:17
 Operator : MD\SY
 Sample : J5235-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CLEARWELL

Quant Time: Oct 10 10:06:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	112040	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	639140	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	527240	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	228180	29.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.80%
60) 4-Bromofluorobenzene	12.40	95	201617	25.06	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	83.53%
63) Toluene-d8	10.09	98	745733	31.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.20%

Target Compounds

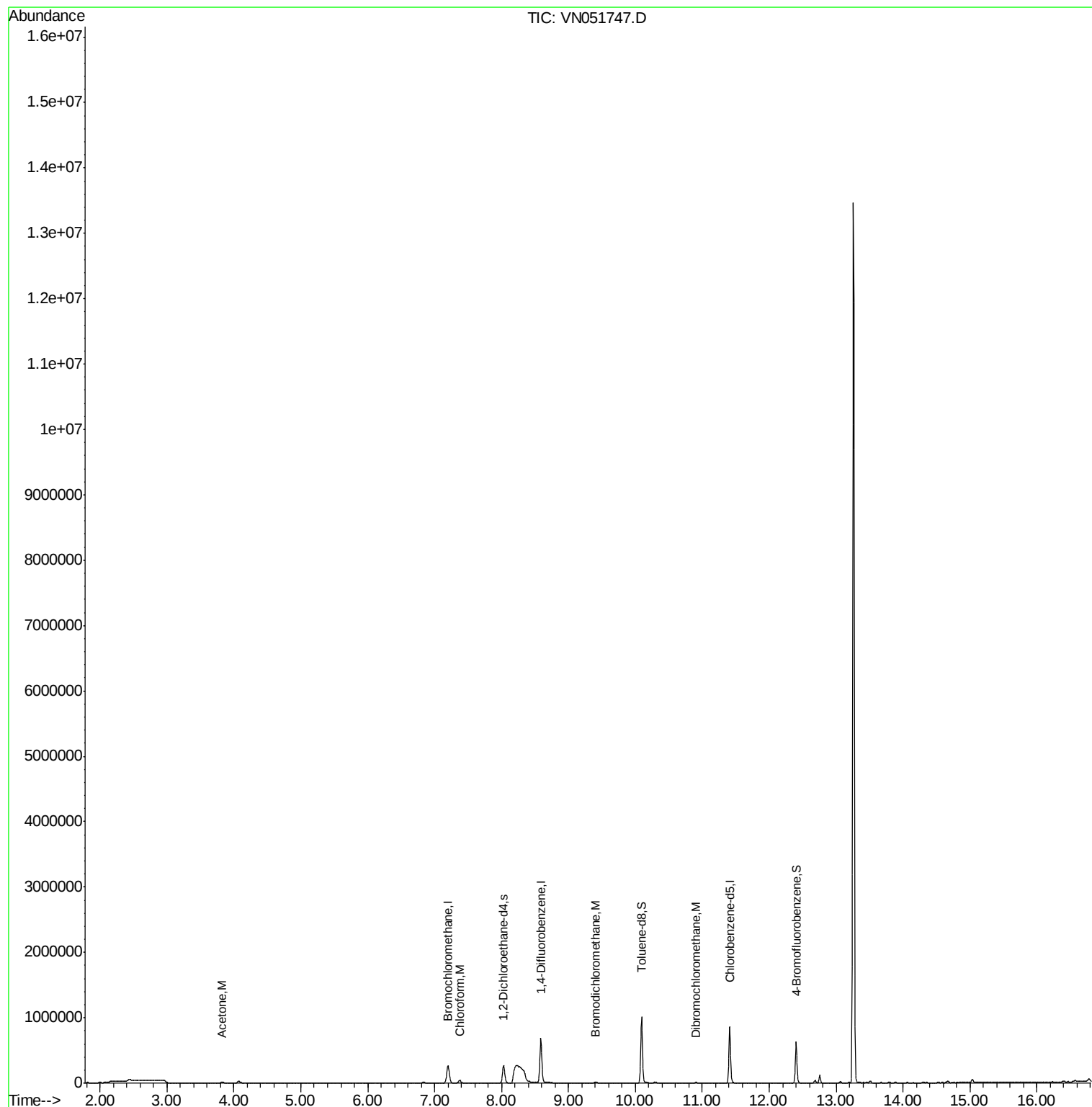
					Ovalue
15) Acetone	3.82	58	6622	16.444 ug/l	88
25) Chloroform	7.38	83	37508	3.102 ug/l	99
41) Bromodichloromethane	9.40	83	9841	1.013 ug/l #	98
53) Dibromochloromethane	10.90	129	5689	0.705 ug/l	96

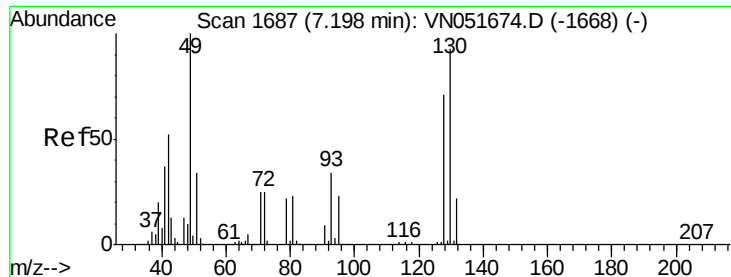
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051747.D

Acq: 9 Oct 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

CLEARWELL

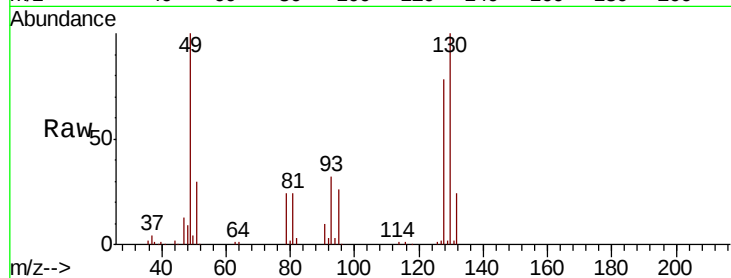
Tot Ion:128 Resp: 112040

Ion Ratio Lower Upper

128 100

49 128.0 0.0 403.3

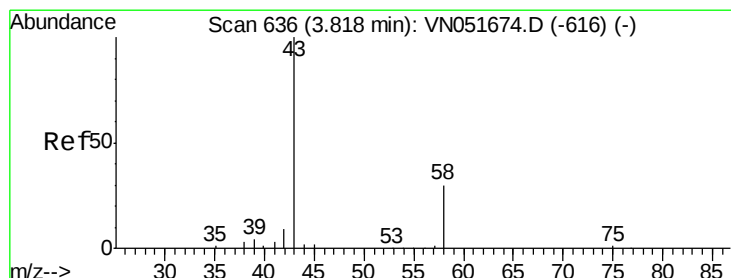
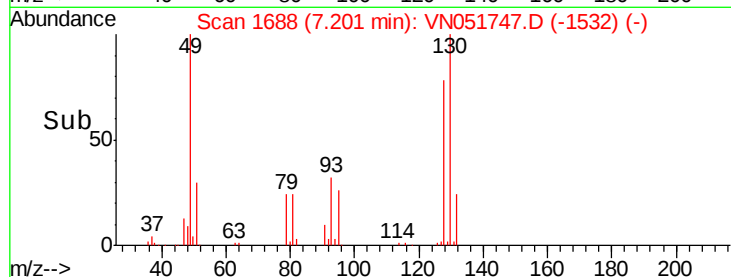
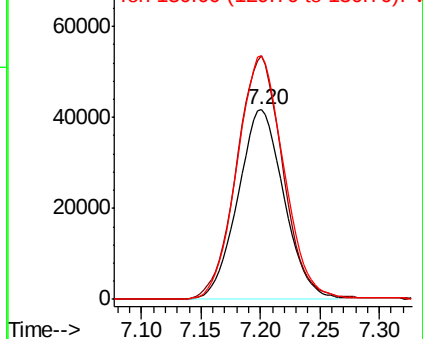
130 129.9 0.0 326.0



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



#15

Acetone

Concen: 16.444 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051747.D

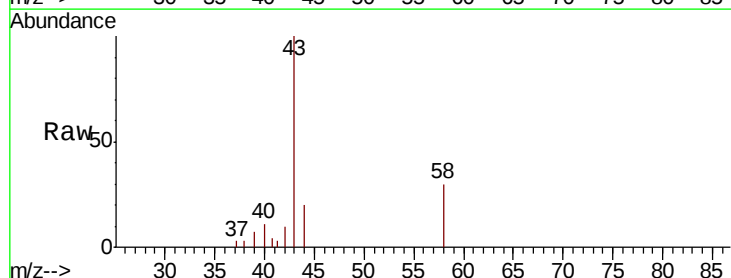
Acq: 9 Oct 2018 13:17

Tgt Ion: 58 Resp: 6622

Ion Ratio Lower Upper

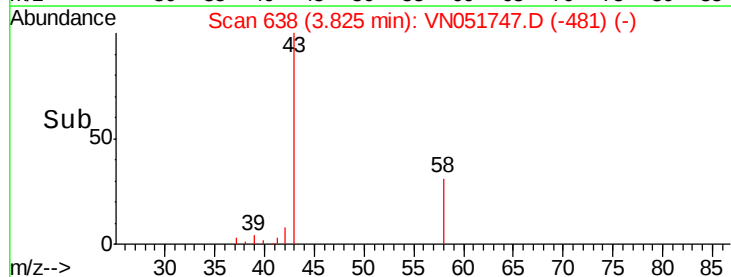
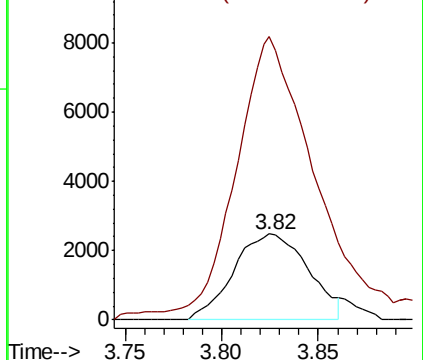
58 100

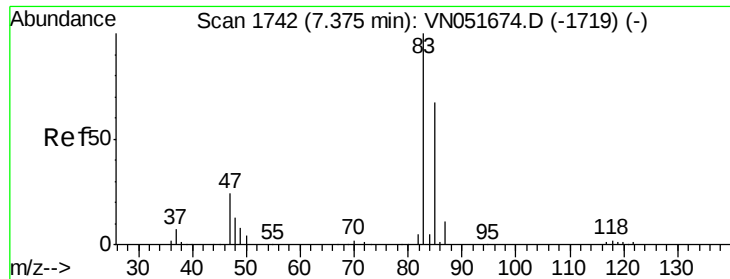
43 312.9 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

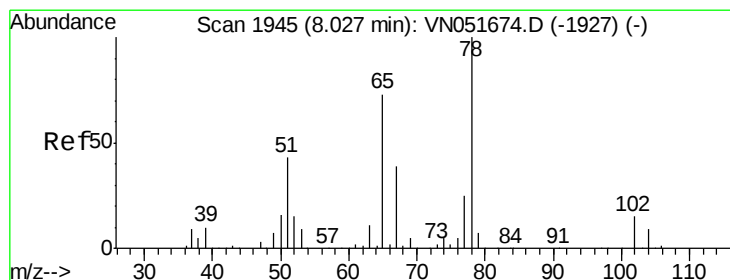
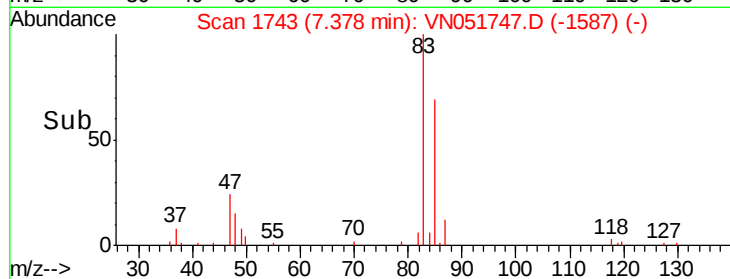
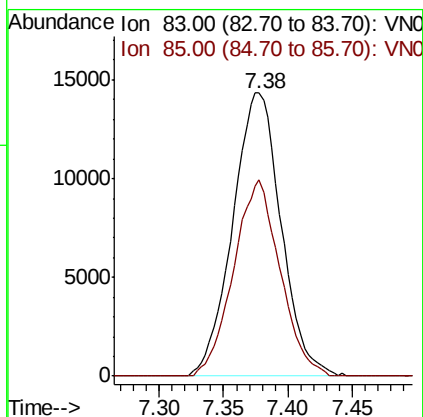
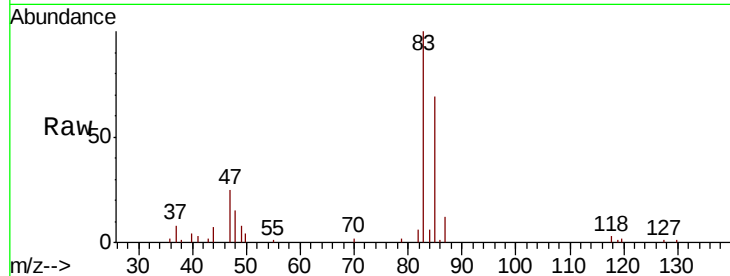




#25
Chloroform
Concen: 3.102 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051747.D
Acq: 9 Oct 2018 13:17

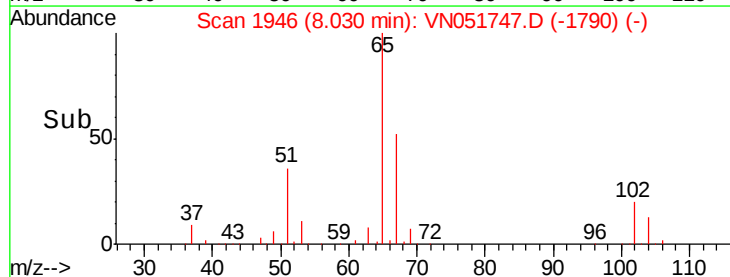
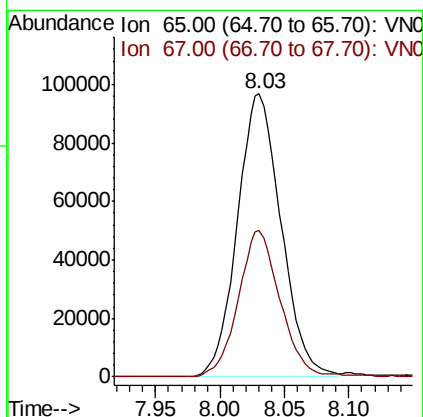
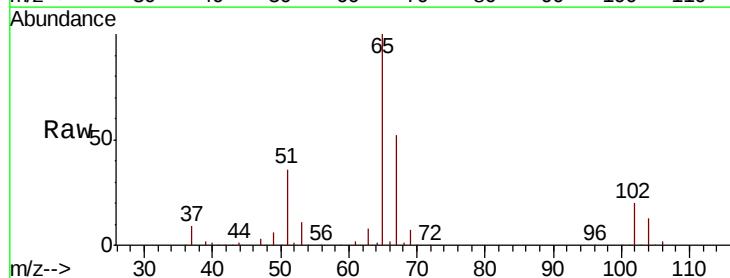
Instrument :
MSVOA_N
ClientSampled :
CLEARWELL

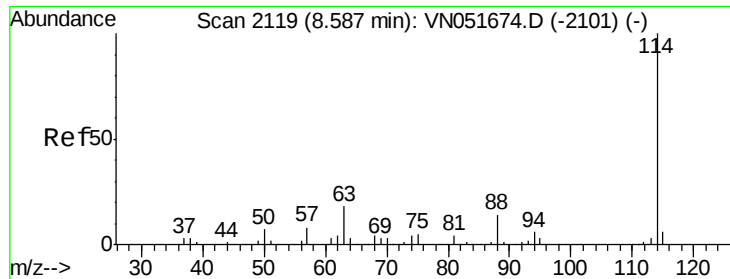
Tot Ion: 83 Resp: 37508
Ion Ratio Lower Upper
83 100
85 69.4 54.6 82.0



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051747.D
Acq: 9 Oct 2018 13:17

Tgt Ion: 65 Resp: 228180
Ion Ratio Lower Upper
65 100
67 49.5 41.8 62.8

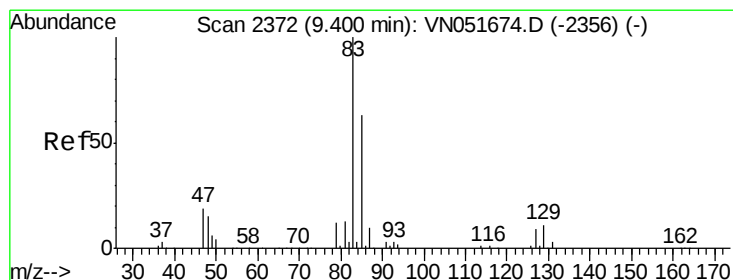
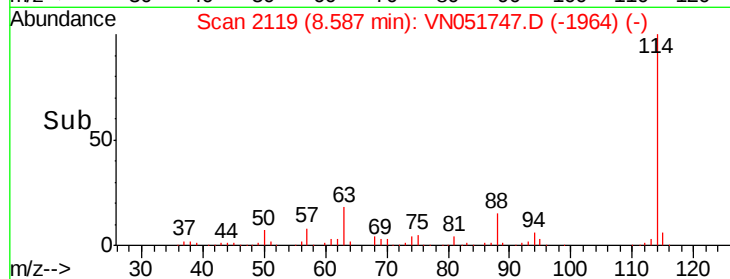
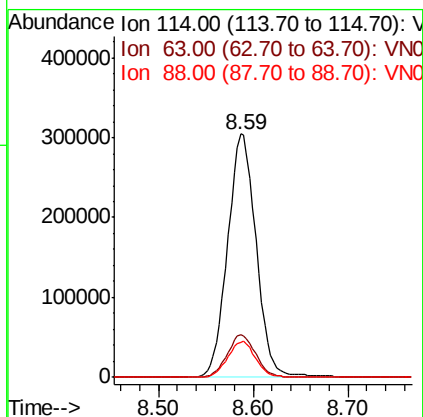
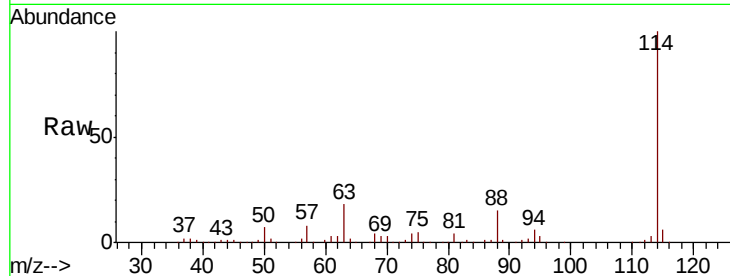




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051747.D
 Acq: 9 Oct 2018 13:17

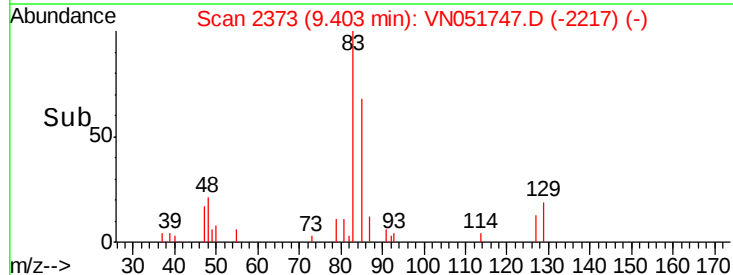
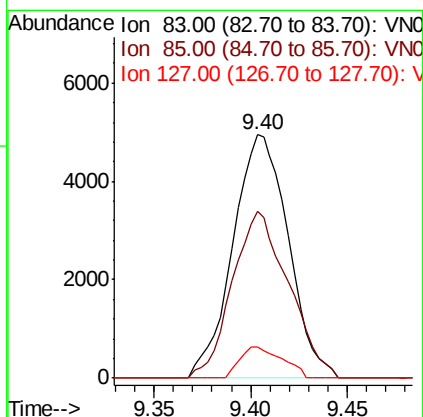
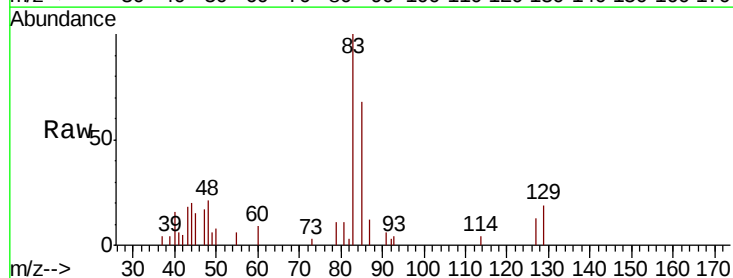
Instrument :
 MSVOA_N
 ClientSampleId :
 CLEARWELL

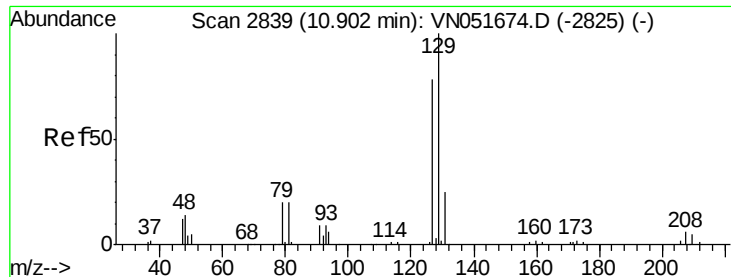
Tot Ion:114 Resp: 639140
 Ion Ratio Lower Upper
 114 100
 63 17.6 16.2 24.2
 88 14.5 12.2 18.4



#41
 Bromodichloromethane
 Concen: 1.013 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN051747.D
 Acq: 9 Oct 2018 13:17

Tgt Ion: 83 Resp: 9841
 Ion Ratio Lower Upper
 83 100
 85 68.5 55.7 83.5
 127 12.8 8.2 12.4#





#53

Dibromochloromethane

Concen: 0.705 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN051747.D

Acq: 9 Oct 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

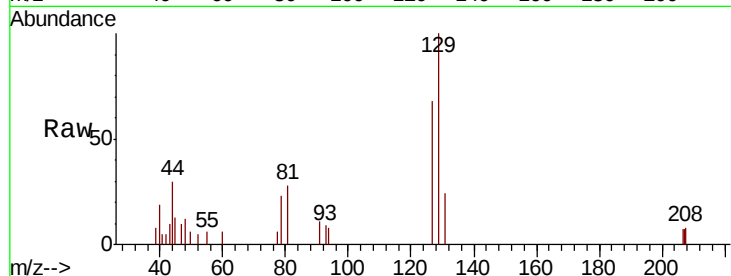
CLEARWELL

Tot Ion:129 Resp: 5689

Ion Ratio Lower Upper

129 100

127 76.9 40.2 120.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

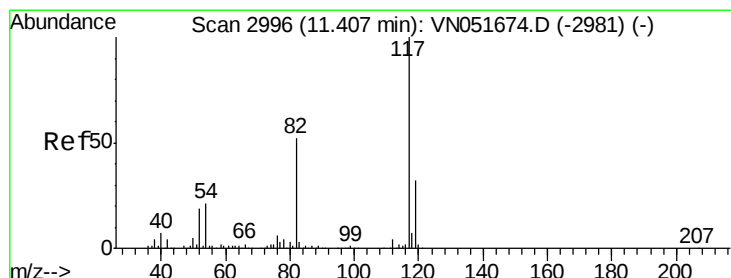
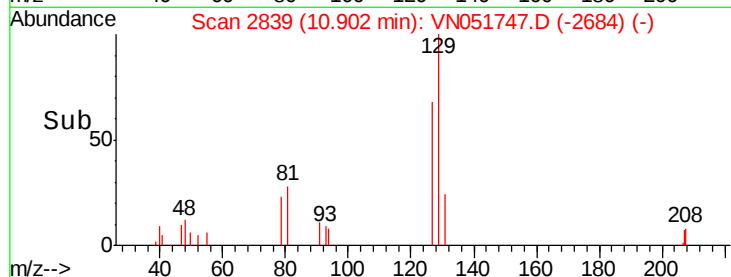
3000

2000

1000

0

Time--> 10.85 10.90 10.95



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051747.D

Acq: 9 Oct 2018 13:17

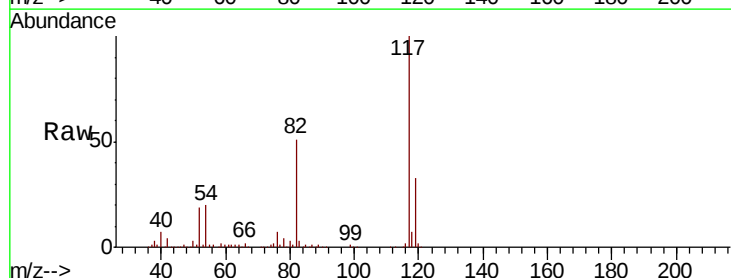
Tgt Ion:117 Resp: 527240

Ion Ratio Lower Upper

117 100

82 51.4 44.1 66.1

119 32.1 25.8 38.8



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

400000

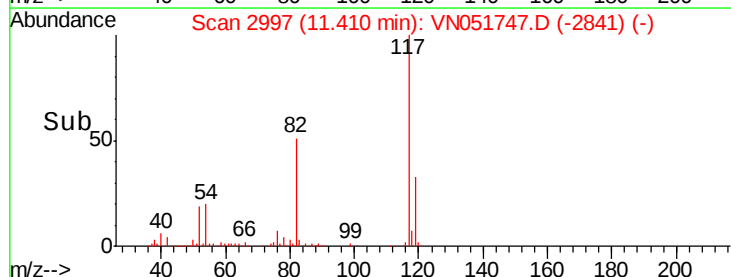
300000

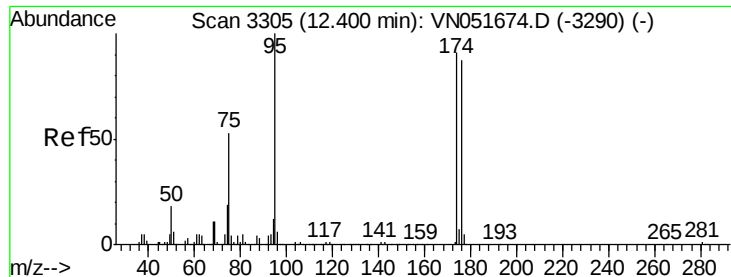
200000

100000

0

Time--> 11.30 11.40 11.50





#60

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051747.D

Acq: 9 Oct 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

CLEARWELL

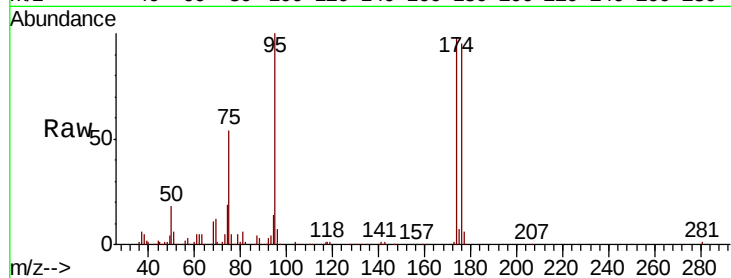
Tot Ion: 95 Resp: 201617

Ion Ratio Lower Upper

95 100

174 95.9 73.5 110.3

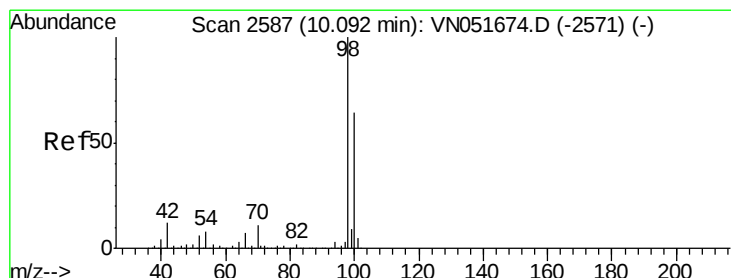
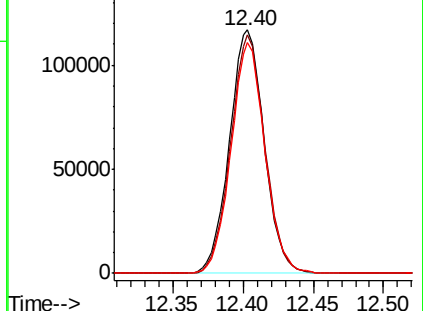
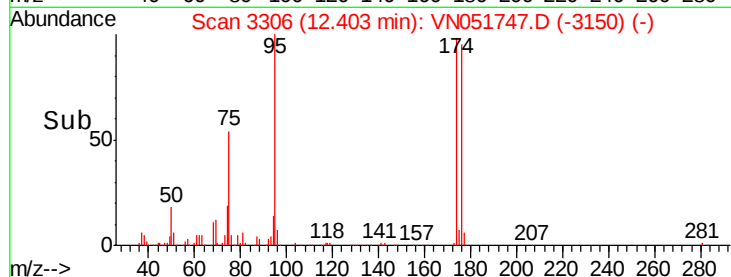
176 92.4 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): VN0

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# 2588

Delta R.T. 0.00 min

Lab File: VN051747.D

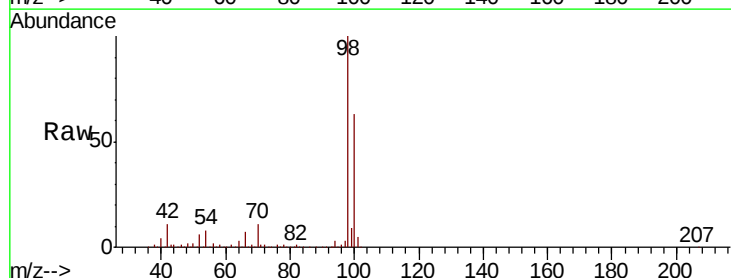
Acq: 9 Oct 2018 13:17

Tgt Ion: 98 Resp: 745733

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): V

