

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051990.D
 Acq On : 24 Oct 2018 16:13
 Operator : MD\SY
 Sample : J5393-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 WE13-GW-TANK3-IDW-10102018

Quant Time: Oct 25 01:37:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	155161	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	870237	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	736734	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	272677	28.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.27%
60) 4-Bromofluorobenzene	12.40	95	282933	26.63	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.77%
63) Toluene-d8	10.09	98	972052	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

Target Compounds

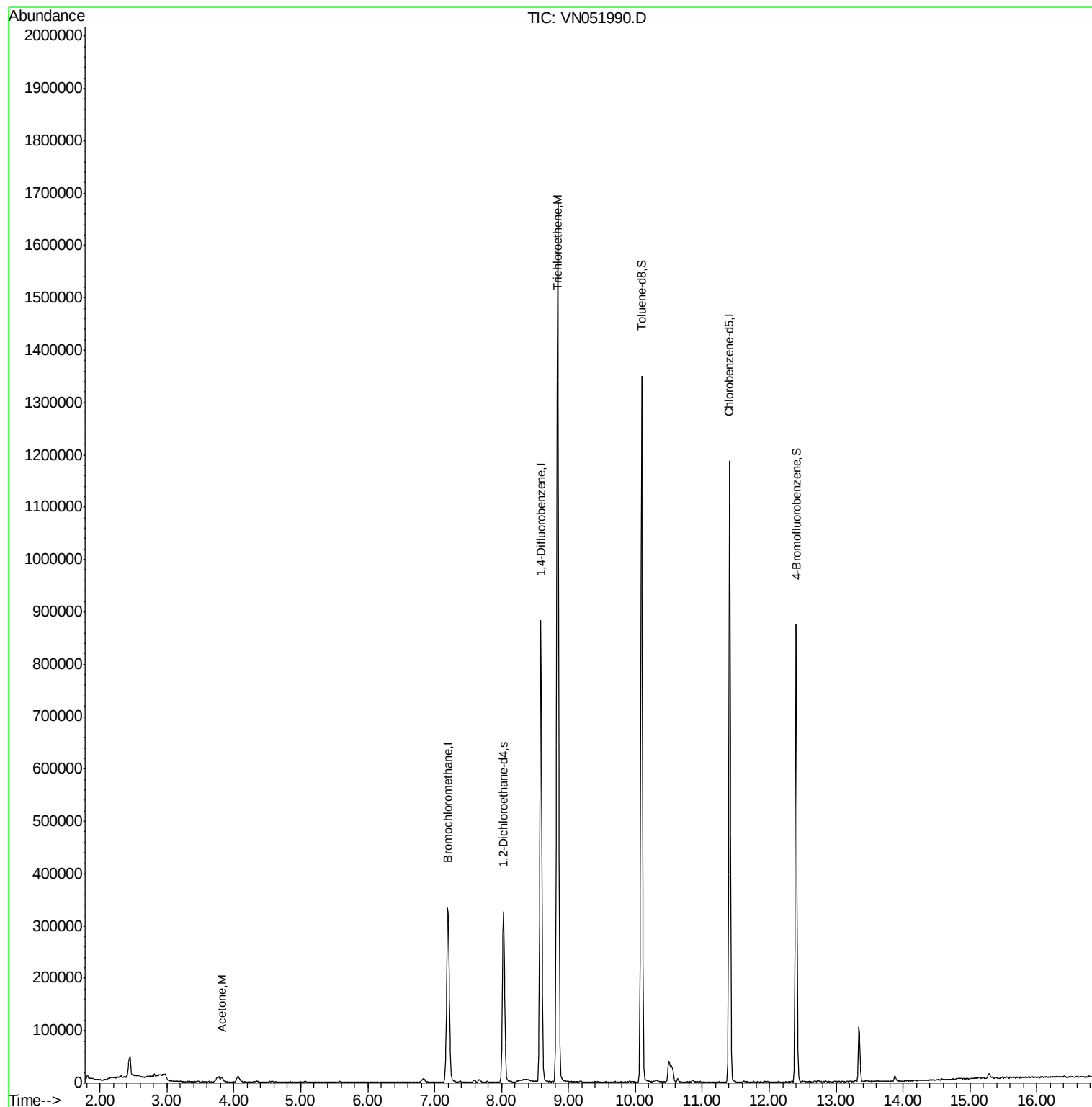
					Ovalue
15) Acetone	3.82	58	5252	10.716	ug/l 72
37) Trichloroethene	8.84	130	673373	65.375	ug/l 96

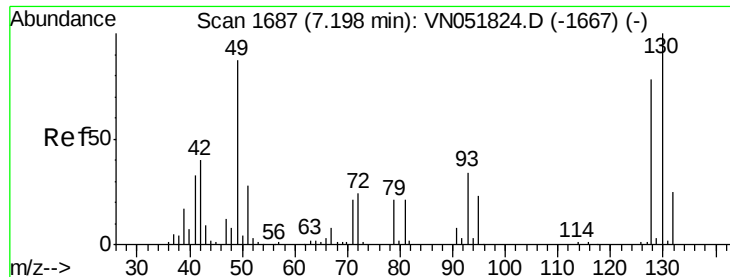
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051990.D

Acq: 24 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

WE13-GW-TANK3-IDW-10102018

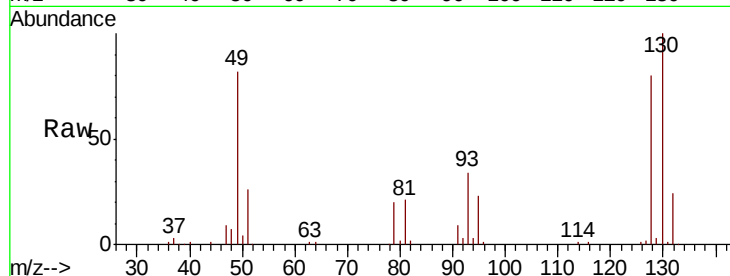
Tot Ion:128 Resp: 155161

Ion Ratio Lower Upper

128 100

49 103.1 0.0 403.3

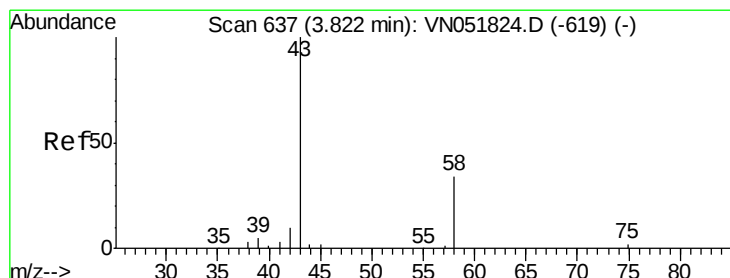
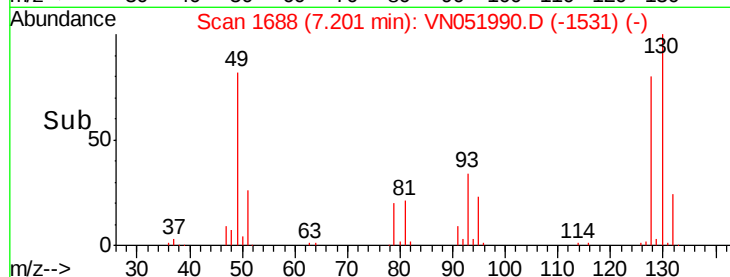
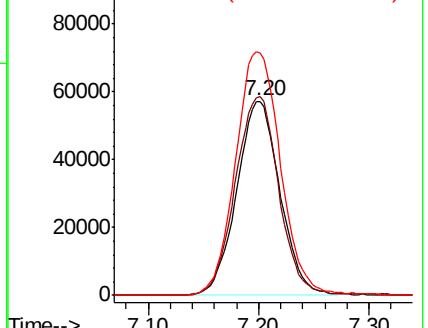
130 130.7 0.0 326.0



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



#15

Acetone

Concen: 10.716 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051990.D

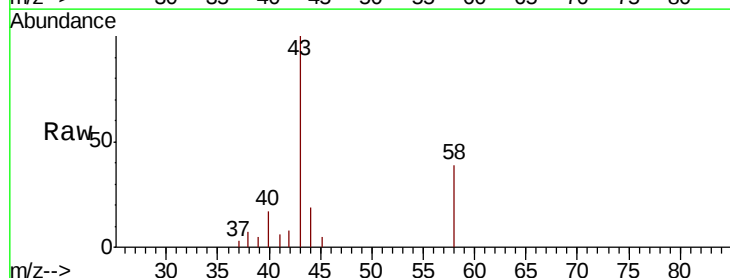
Acq: 24 Oct 2018 16:13

Tgt Ion: 58 Resp: 5252

Ion Ratio Lower Upper

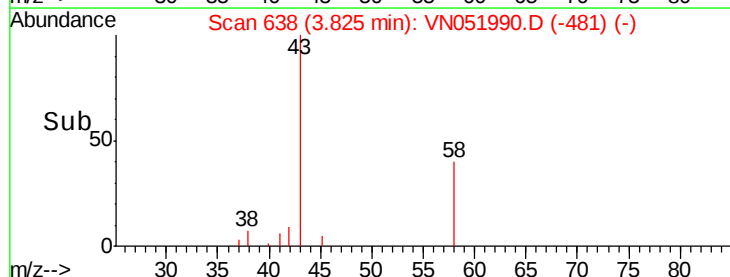
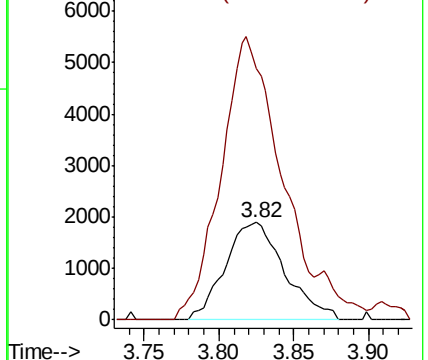
58 100

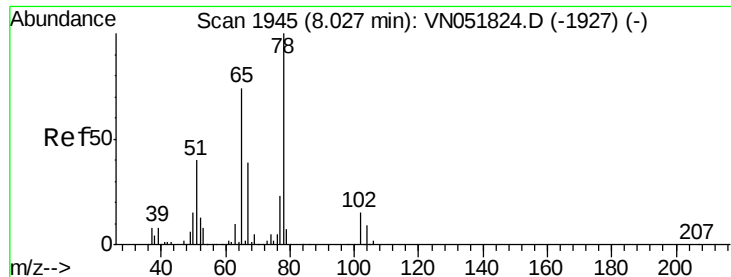
43 235.8 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051990.D

Acq: 24 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

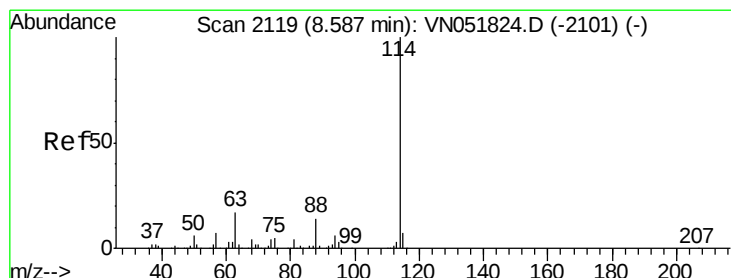
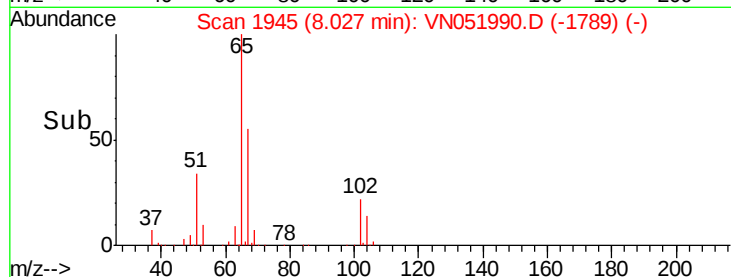
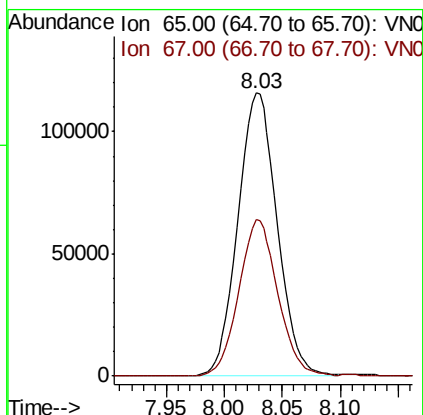
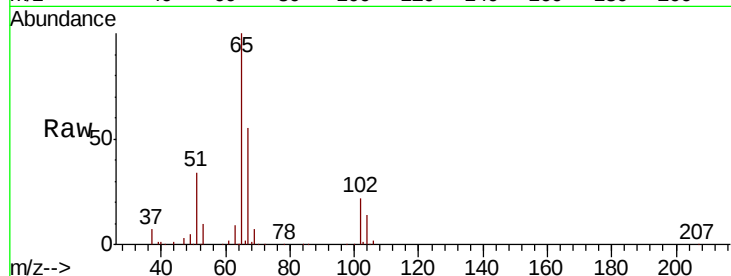
WE13-GW-TANK3-IDW-10102018

Tot Ion: 65 Resp: 272677

Ion Ratio Lower Upper

65 100

67 54.7 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: VN051990.D

Acq: 24 Oct 2018 16:13

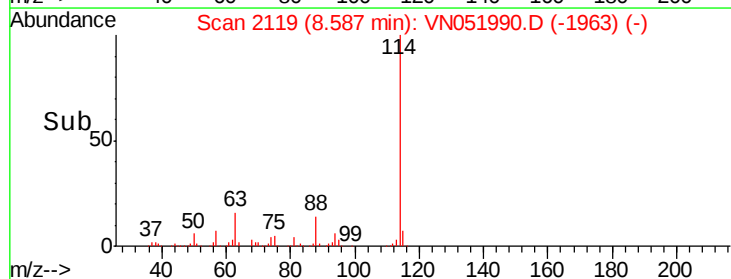
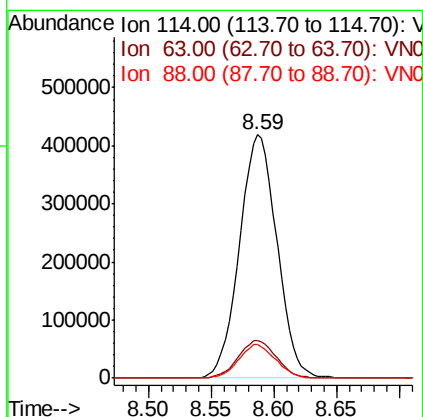
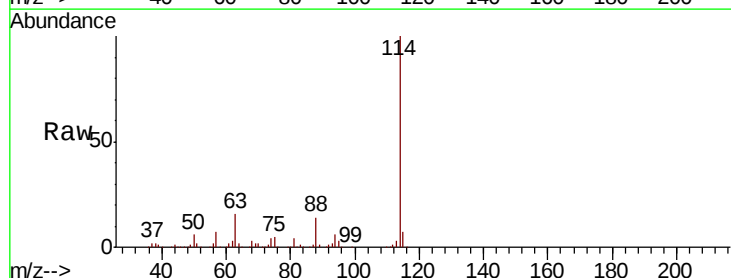
Tgt Ion: 114 Resp: 870237

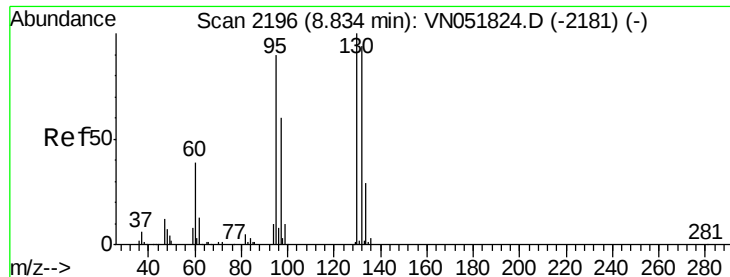
Ion Ratio Lower Upper

114 100

63 15.8 16.2 24.2#

88 13.7 12.2 18.4





#37

Trichloroethene

Concen: 65.375 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051990.D

Acq: 24 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

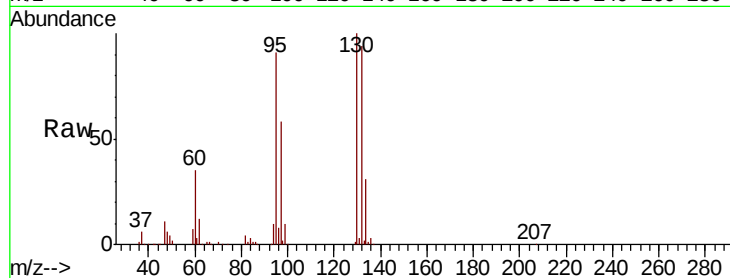
WE13-GW-TANK3-IDW-10102018

Tot Ion:130 Resp: 673373

Ion Ratio Lower Upper

130 100

95 91.2 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

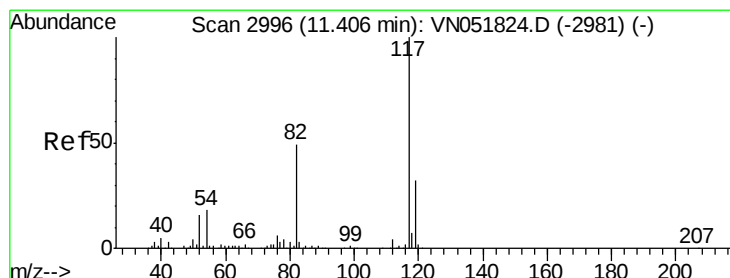
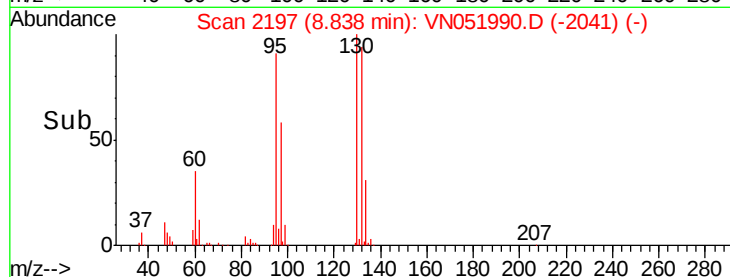
300000

200000

100000

0

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051990.D

Acq: 24 Oct 2018 16:13

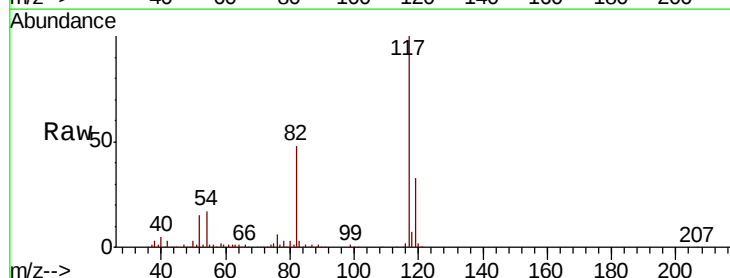
Tgt Ion:117 Resp: 736734

Ion Ratio Lower Upper

117 100

82 46.9 44.1 66.1

119 32.8 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V

11.41

500000

400000

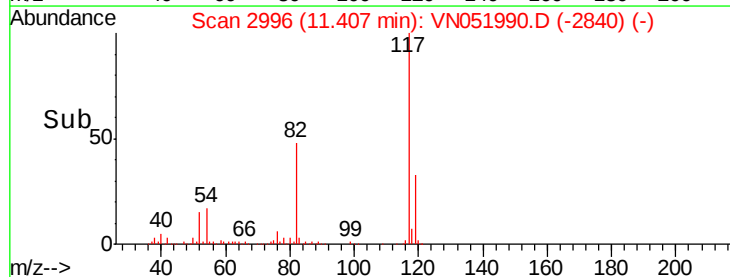
300000

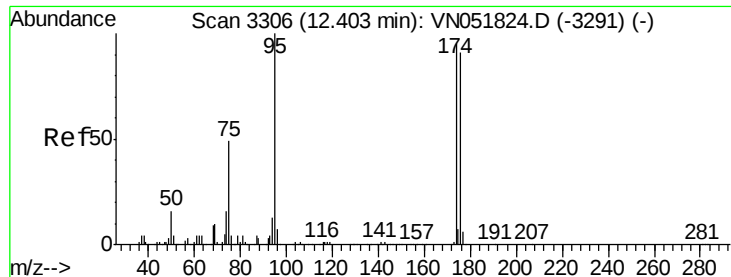
200000

100000

0

Time-->





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051990.D

Acq: 24 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

WE13-GW-TANK3-IDW-10102018

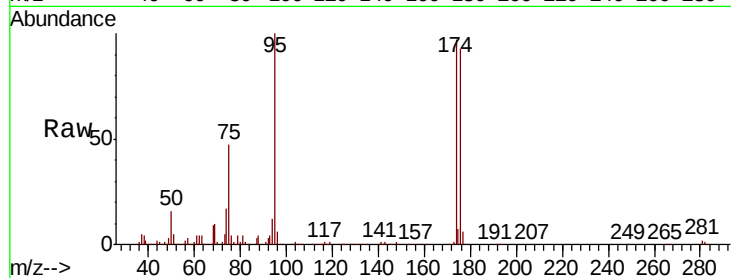
Tot Ion: 95 Resp: 282933

Ion Ratio Lower Upper

95 100

174 98.4 73.5 110.3

176 95.8 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): VN051824.D (-3291) (-)

Ion 174.00 (173.70 to 174.70): VN051824.D (-3291) (-)

Ion 176.00 (175.70 to 176.70): VN051824.D (-3291) (-)

12.40

150000

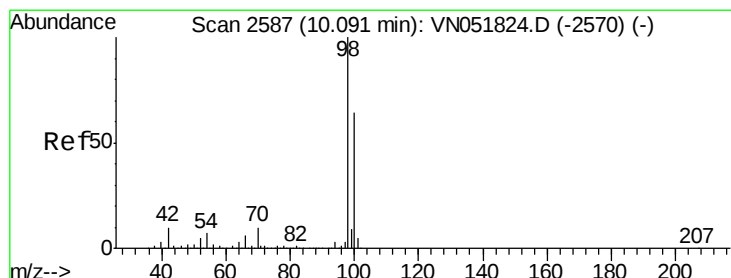
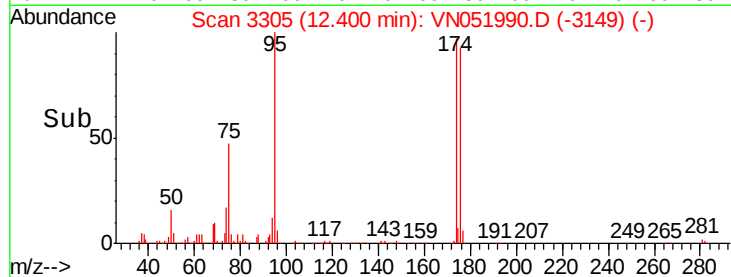
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051990.D

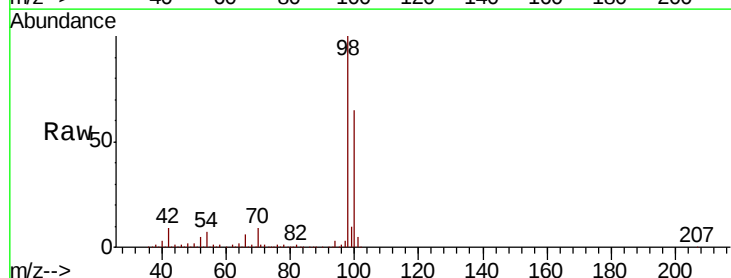
Acq: 24 Oct 2018 16:13

Tgt Ion: 98 Resp: 972052

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN051824.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051824.D (-2570) (-)

10.09

600000

500000

400000

300000

200000

100000

0

10.00 10.05 10.10 10.15

Time-->

