

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
 Data File : VN051835.D
 Acq On : 12 Oct 2018 16:15
 Operator : MD\SY
 Sample : J5393-12 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 28

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

Quant Time: Oct 13 01:59:41 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	121126	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	688801	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	549688	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	231924	31.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.90%
60) 4-Bromofluorobenzene	12.40	95	188773	23.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.40%
63) Toluene-d8	10.09	98	775807	32.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	108.33%

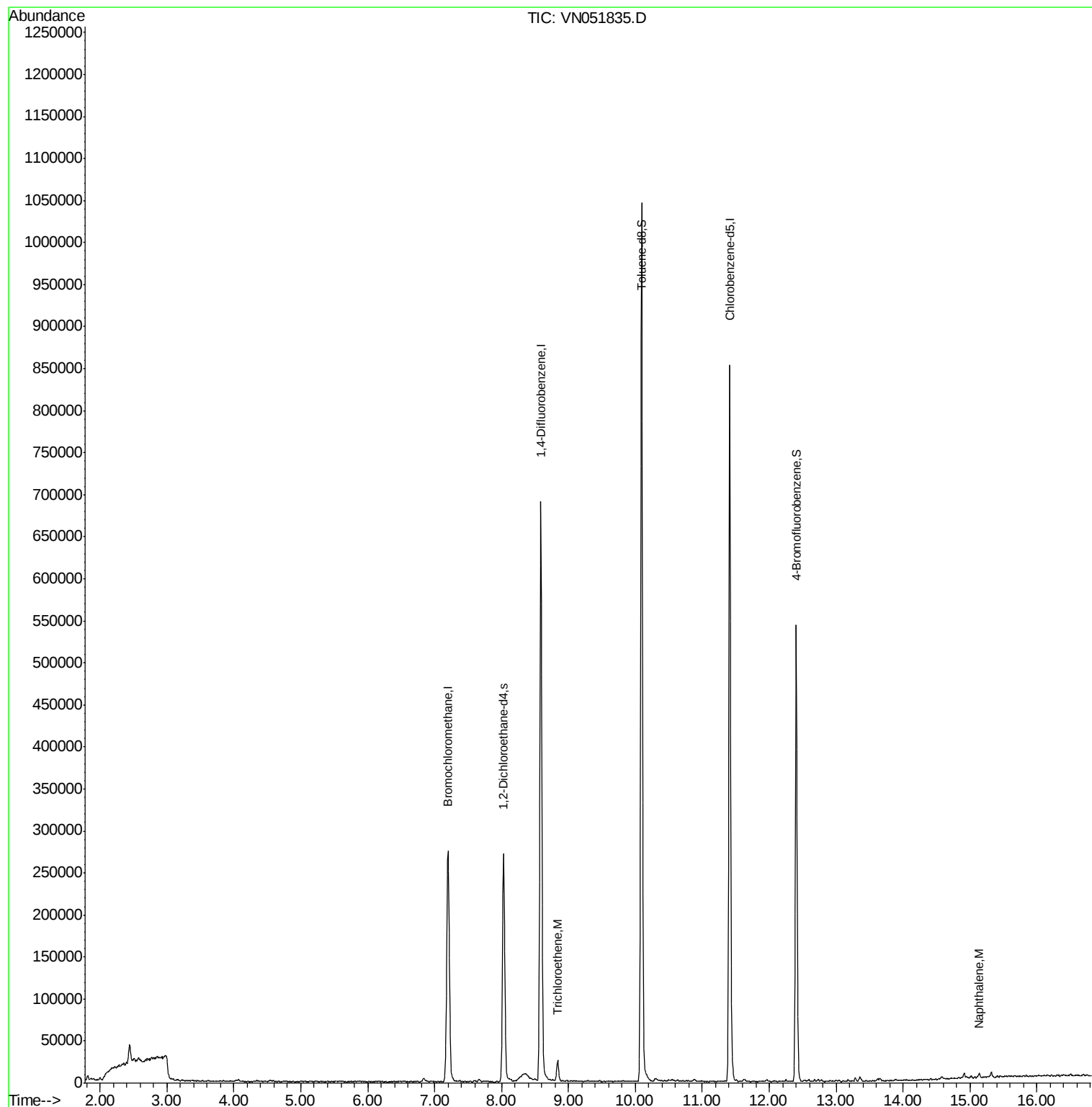
Target Compounds						Qvalue
37) Trichloroethene	8.84	130	9543	1.17	ug/l	96
91) Naphthalene	15.14	128	5245	8.82	ug/l #	83

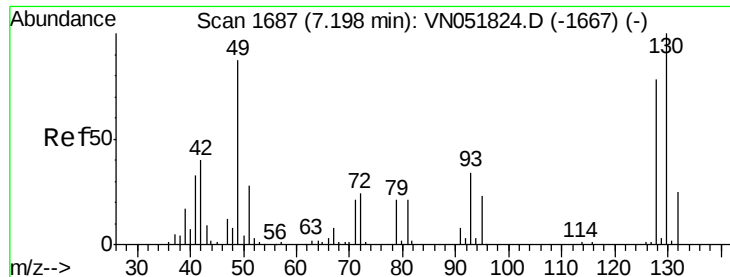
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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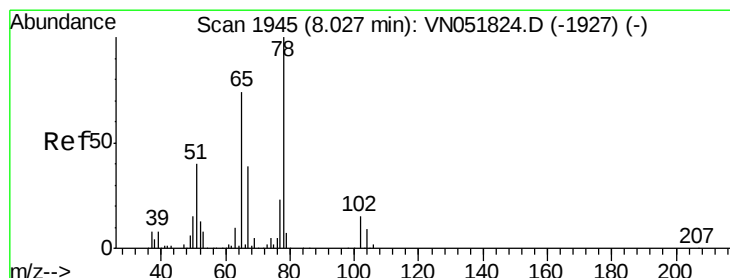
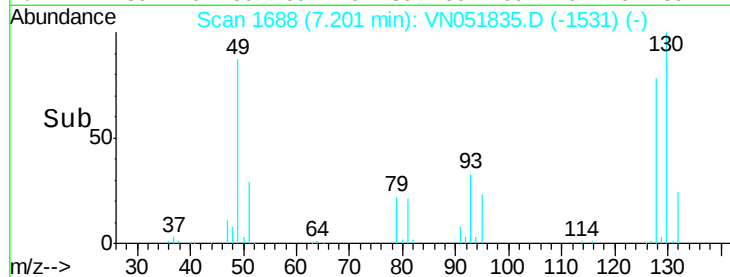
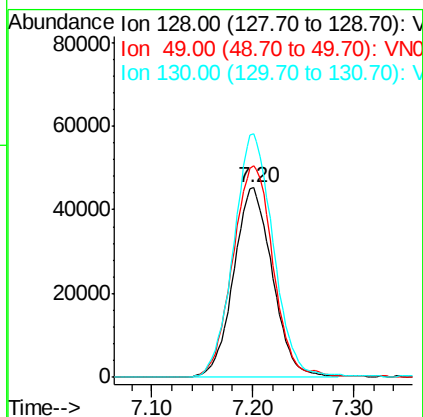
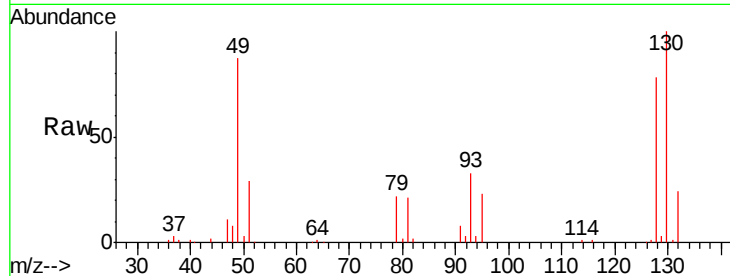




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN051835.D
 Acq: 12 Oct 2018 16:15

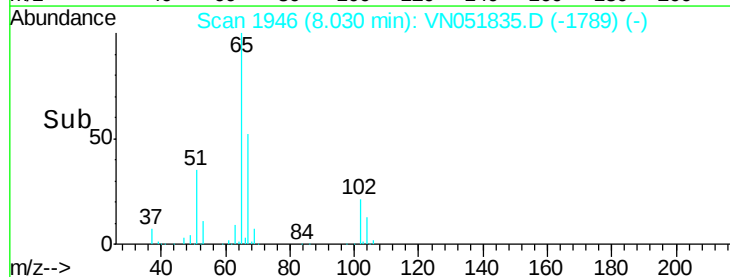
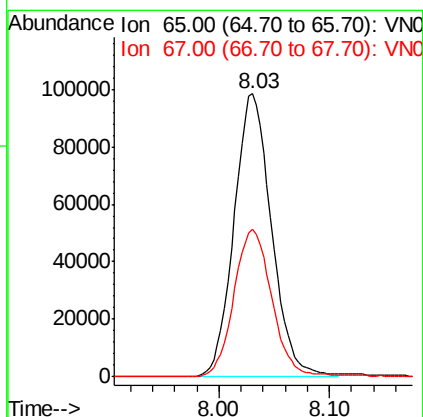
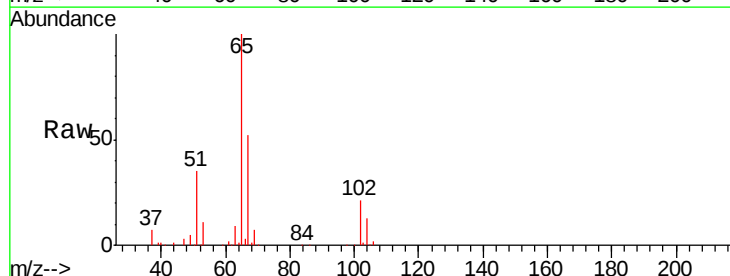
Instrument :
 MSVOA_N
 ClientSampleId :
 WE13-GW-TANK3-IDW-10102018

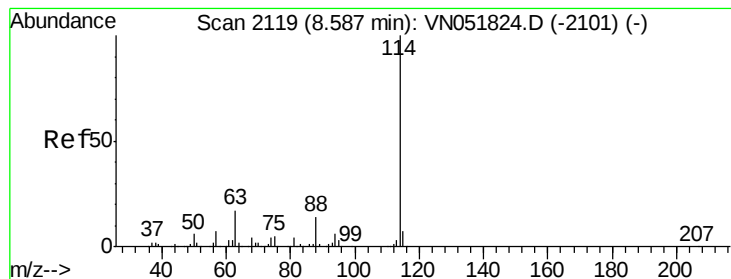
Tgt Ion: 128 Resp: 121126
 Ion Ratio Lower Upper
 128 100
 49 114.8 0.0 403.3
 130 130.8 0.0 326.0



#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051835.D
 Acq: 12 Oct 2018 16:15

Tgt Ion: 65 Resp: 231924
 Ion Ratio Lower Upper
 65 100
 67 52.3 41.8 62.8





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051835.D

Acq: 12 Oct 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

WE13-GW-TANK3-IDW-10102018

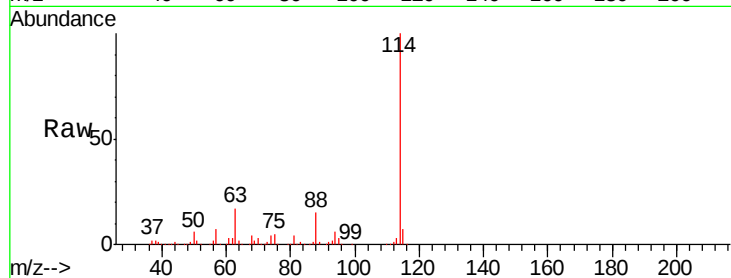
Tgt Ion:114 Resp: 688801

Ion Ratio Lower Upper

114 100

63 16.9 16.2 24.2

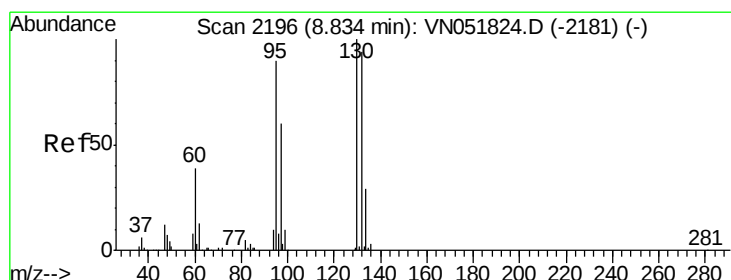
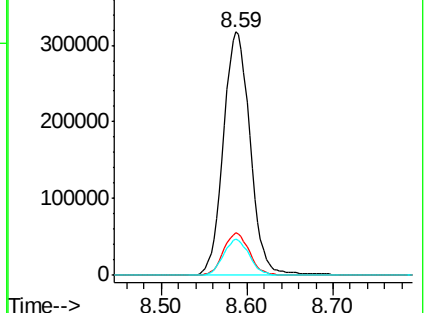
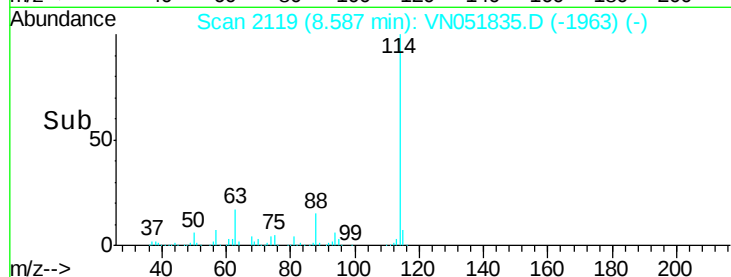
88 14.4 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#37

Trichloroethene

Concen: 1.17 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051835.D

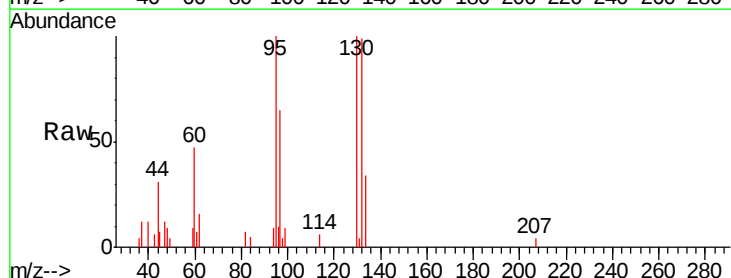
Acq: 12 Oct 2018 16:15

Tgt Ion:130 Resp: 9543

Ion Ratio Lower Upper

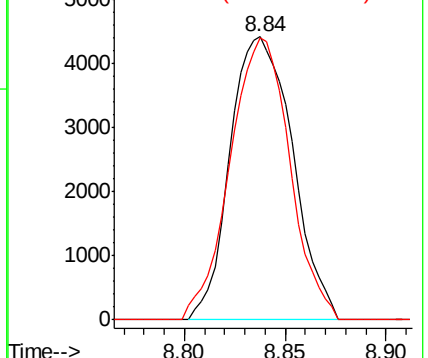
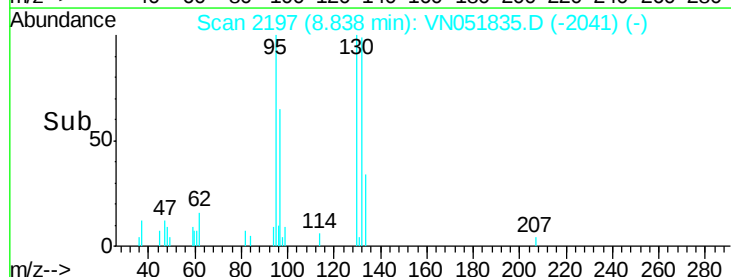
130 100

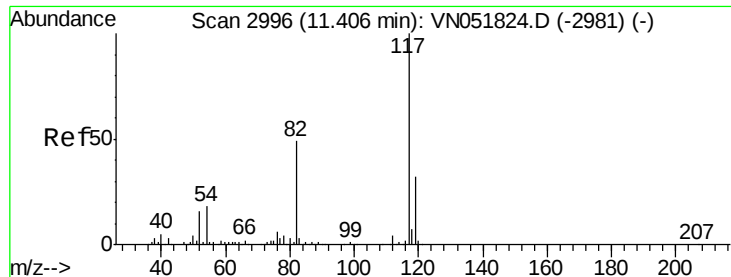
95 99.7 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

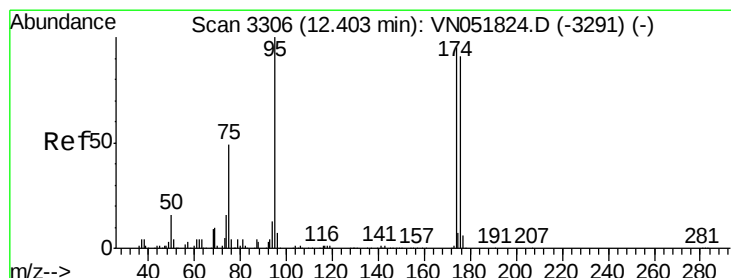
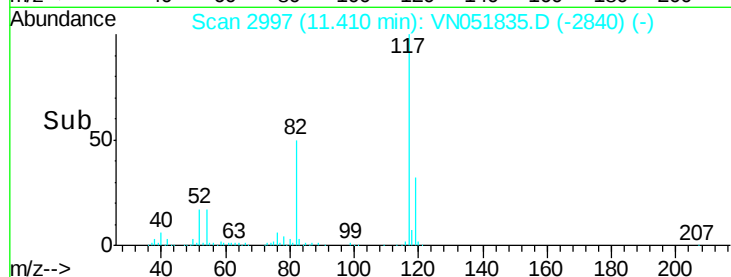
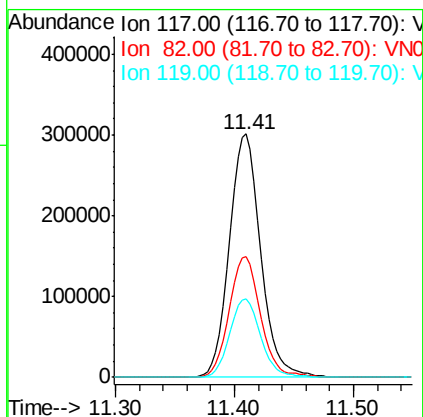
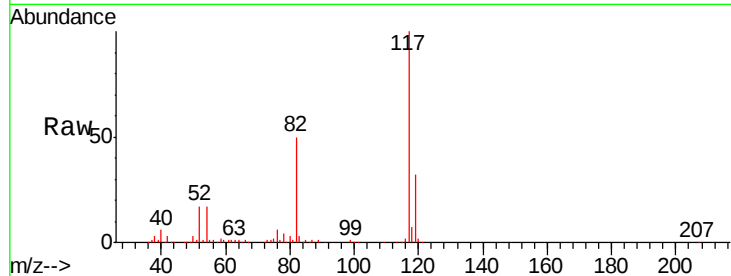




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051835.D
Acq: 12 Oct 2018 16:15

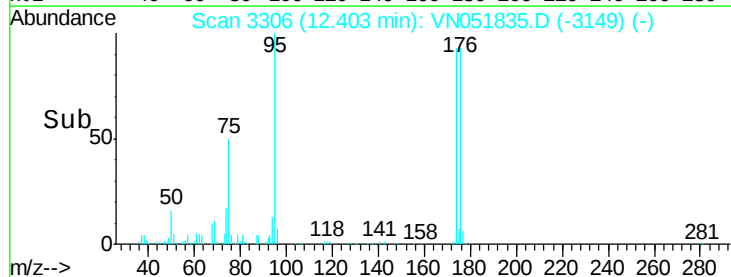
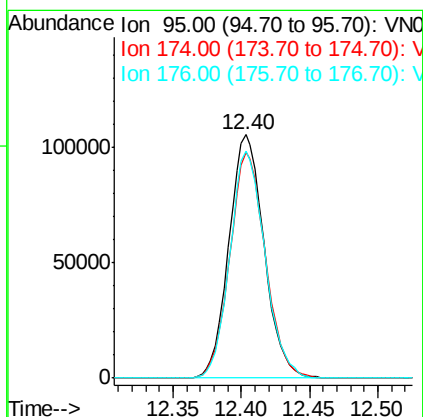
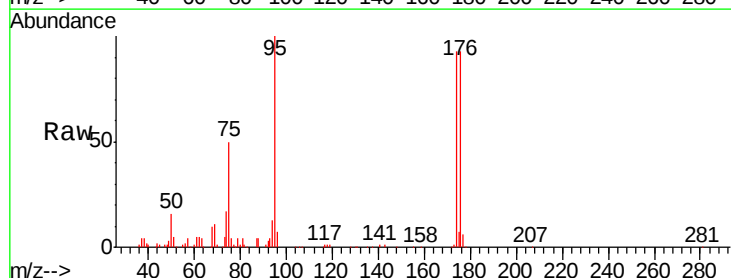
Instrument :
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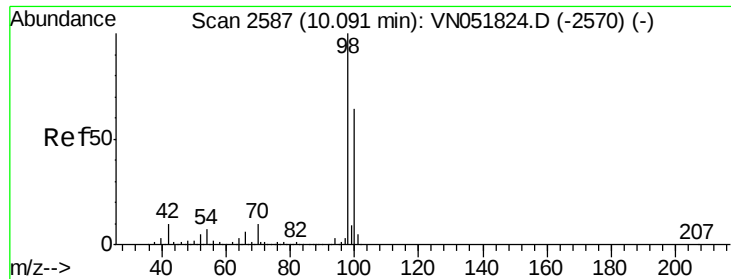
Tgt Ion: 117 Resp: 549688
Ion Ratio Lower Upper
117 100
82 50.0 44.1 66.1
119 32.1 25.8 38.8



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051835.D
Acq: 12 Oct 2018 16:15

Tgt Ion: 95 Resp: 188773
Ion Ratio Lower Upper
95 100
174 93.3 73.5 110.3
176 93.0 70.2 105.2





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051835.D

Acq: 12 Oct 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

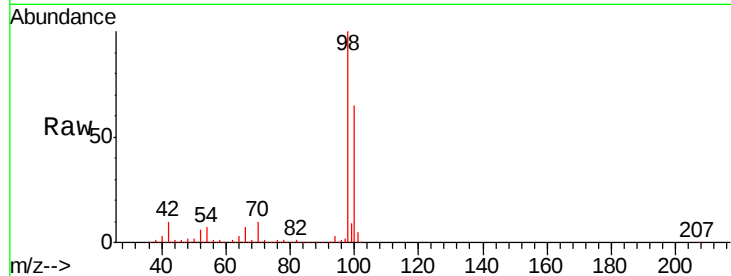
WE13-GW-TANK3-IDW-10102018

Tgt Ion: 98 Resp: 775807

Ion Ratio Lower Upper

98 100

100 64.6 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

400000

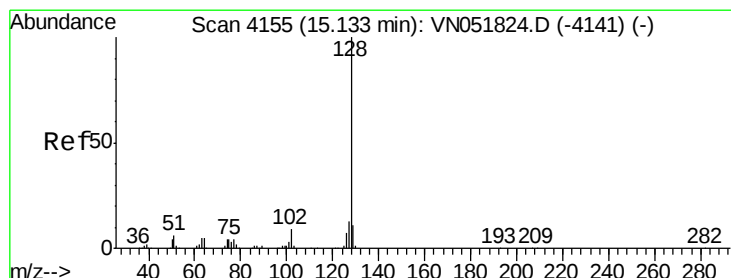
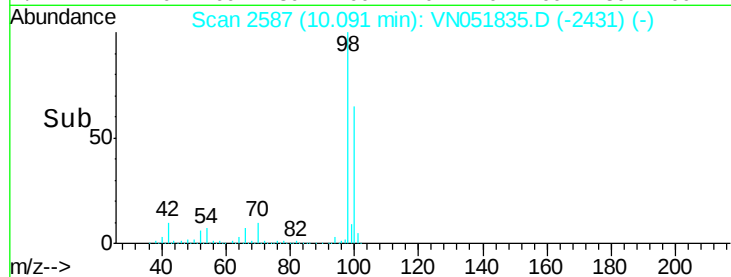
300000

200000

100000

0

Time-->



#91

Naphthalene

Concen: 8.82 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN051835.D

Acq: 12 Oct 2018 16:15

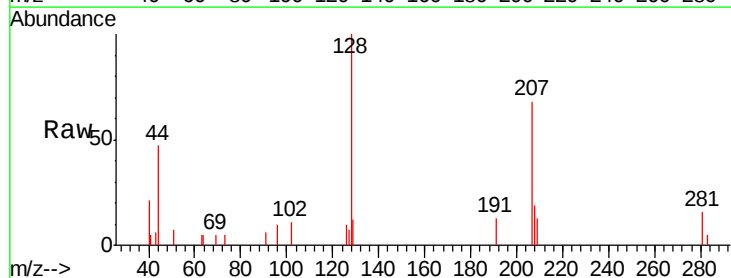
Tgt Ion: 128 Resp: 5245

Ion Ratio Lower Upper

128 100

127 2.9 10.1 15.1#

129 7.9 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): VN051824.D (-4141) (-)

Ion 127.00 (126.70 to 127.70): VN051824.D (-4141) (-)

Ion 129.00 (128.70 to 129.70): VN051824.D (-4141) (-)

15.14

4000

3000

2000

1000

0

Time-->

