

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052365.D
 Acq On : 16 Nov 2018 15:27
 Operator : MD\SY
 Sample : J5981-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 16 23:52:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	297907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	503554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	414819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	216821	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	162353	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.09	98	621836	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	178067	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	

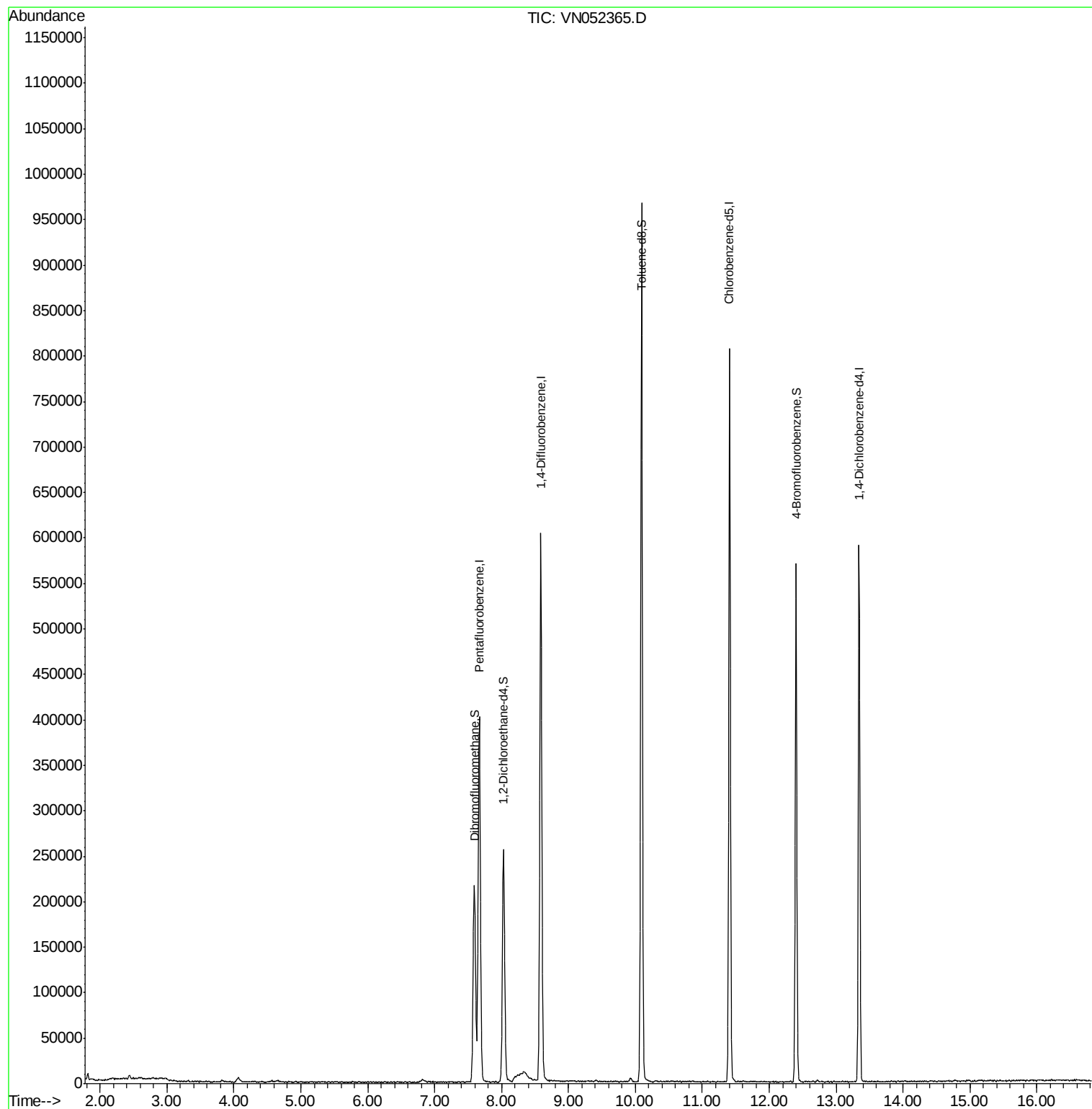
Target Compounds	Qvalue
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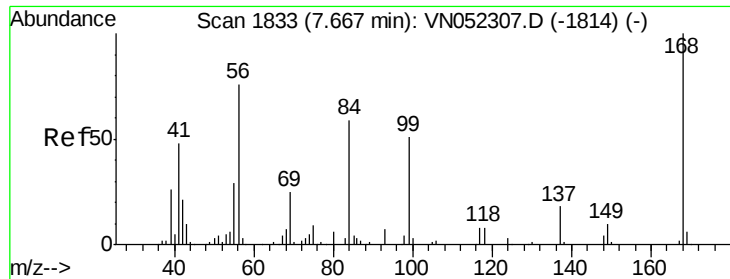
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052365.D

Acq: 16 Nov 2018 15:27

Instrument :

MSVOA_N

ClientSampleId :

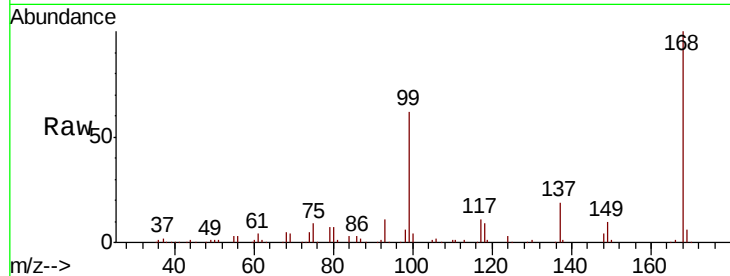
TRIP-BLANK

Tot Ion:168 Resp: 297907

Ion Ratio Lower Upper

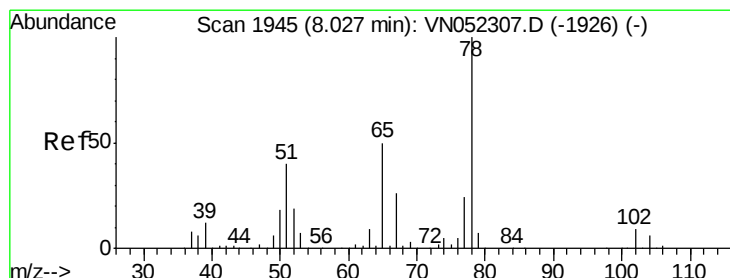
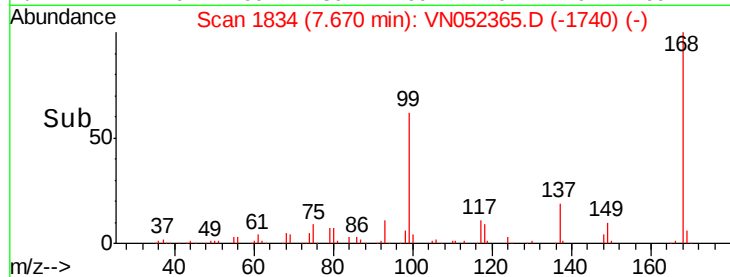
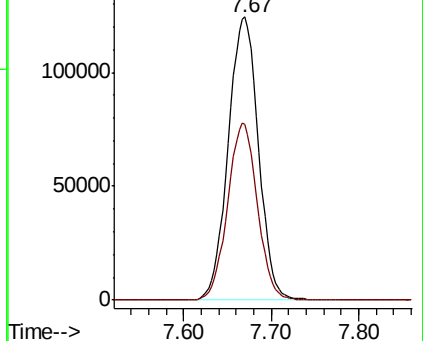
168 100

99 62.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052365.D

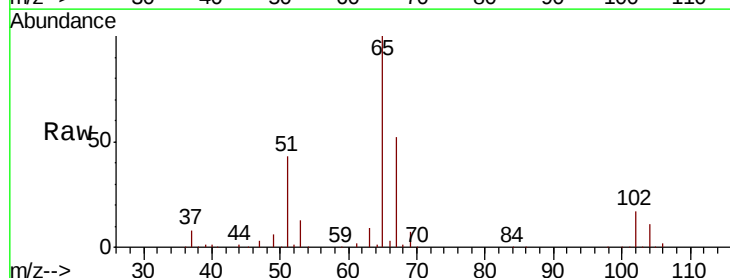
Acq: 16 Nov 2018 15:27

Tgt Ion: 65 Resp: 216821

Ion Ratio Lower Upper

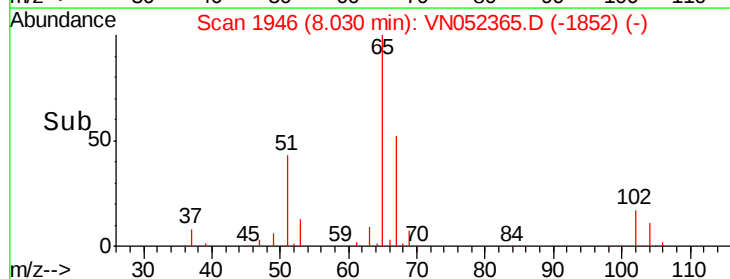
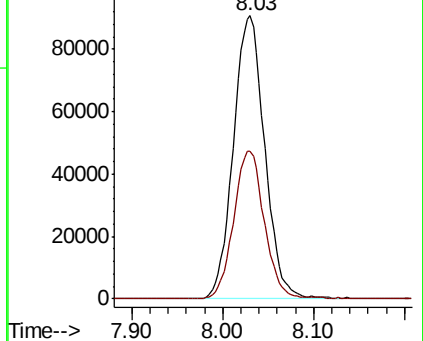
65 100

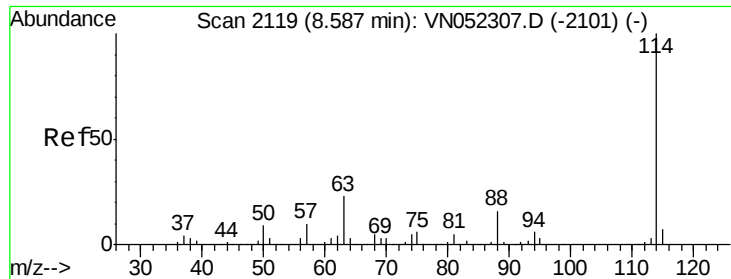
67 51.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

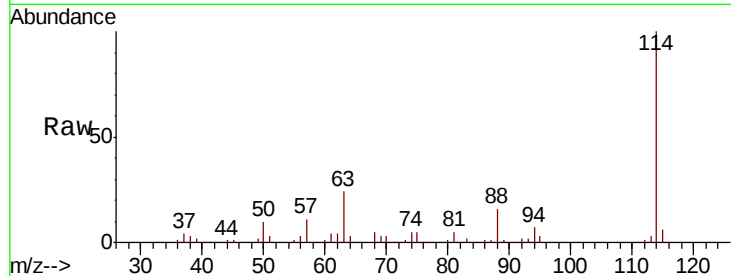




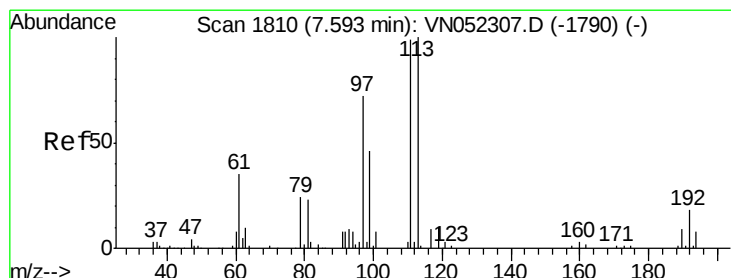
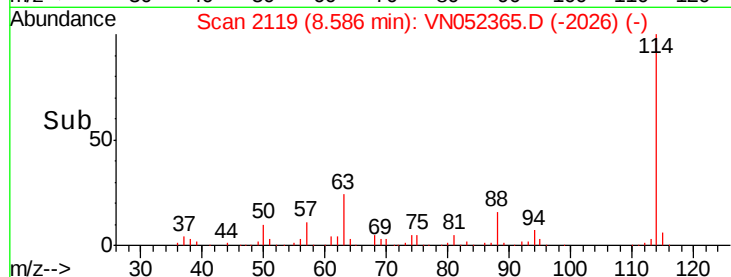
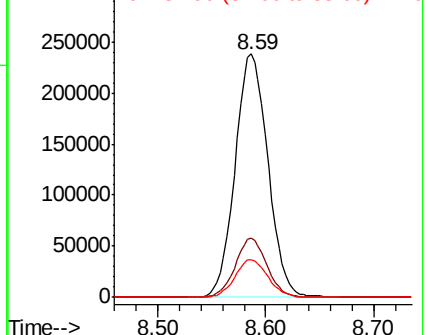
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052365.D
 Acq: 16 Nov 2018 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:114 Resp: 503554
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 45.4
 88 15.6 0.0 31.2

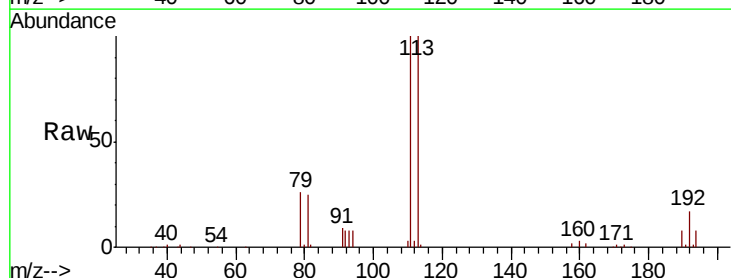


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

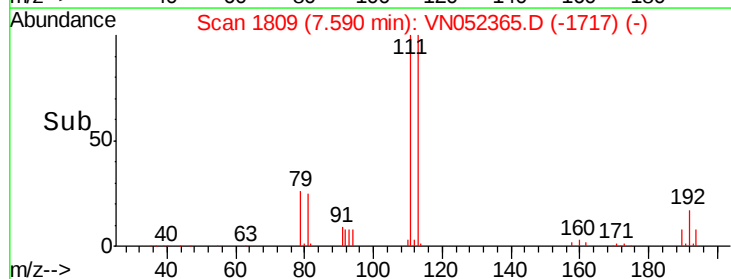
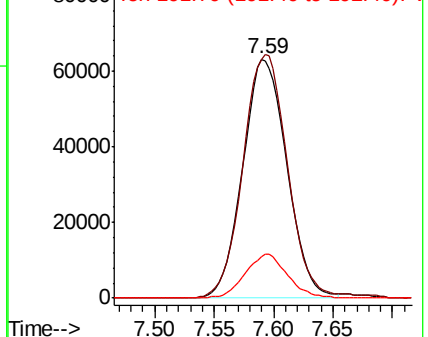


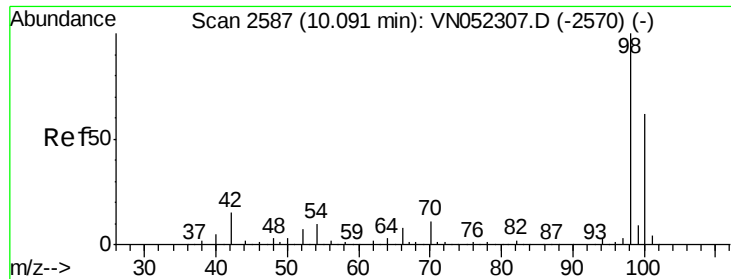
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052365.D
 Acq: 16 Nov 2018 15:27

Tgt Ion:113 Resp: 162353
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.6
 192 17.8 13.8 20.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052365.D

Acq: 16 Nov 2018 15:27

Instrument :

MSVOA_N

ClientSampleId :

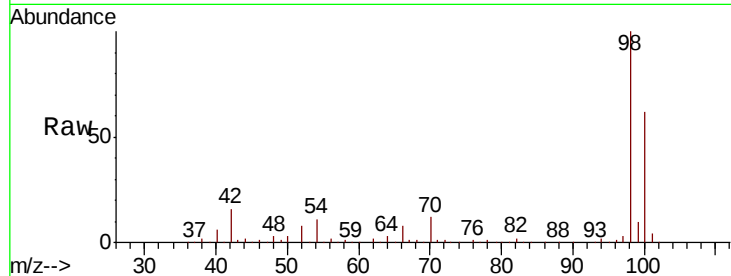
TRIP-BLANK

Tot Ion: 98 Resp: 621836

Ion Ratio Lower Upper

98 100

100 62.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)

10.09

400000

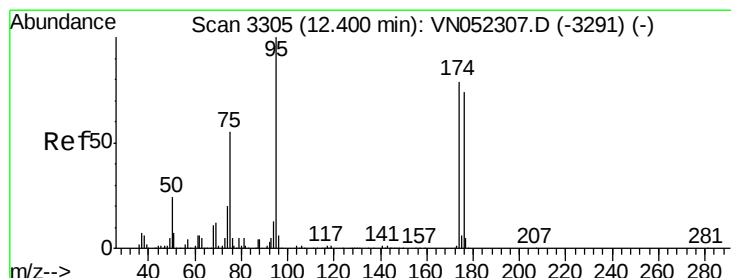
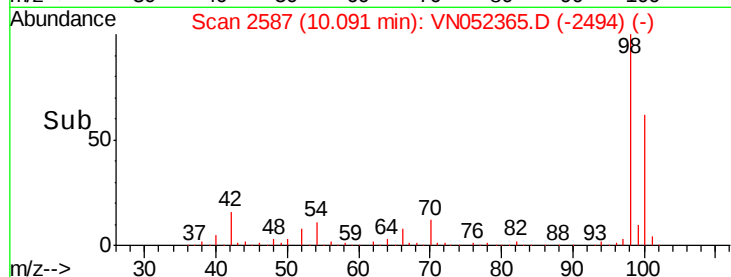
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052365.D

Acq: 16 Nov 2018 15:27

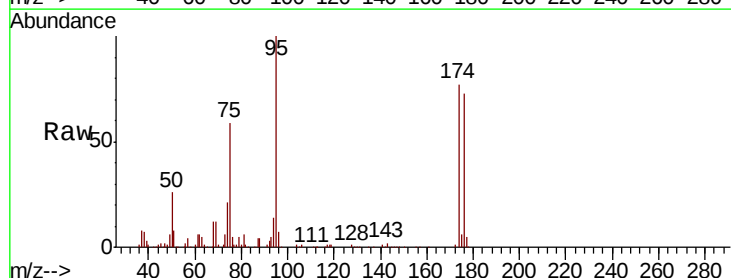
Tgt Ion: 95 Resp: 178067

Ion Ratio Lower Upper

95 100

174 76.2 0.0 156.0

176 73.5 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)

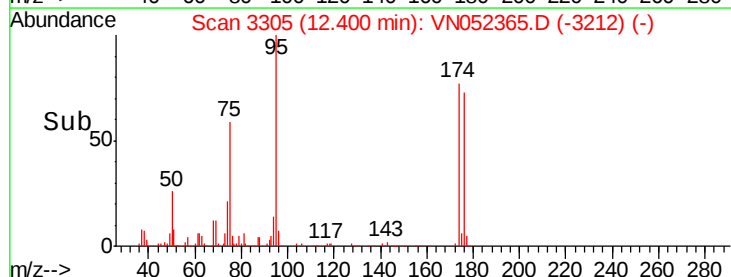
12.40

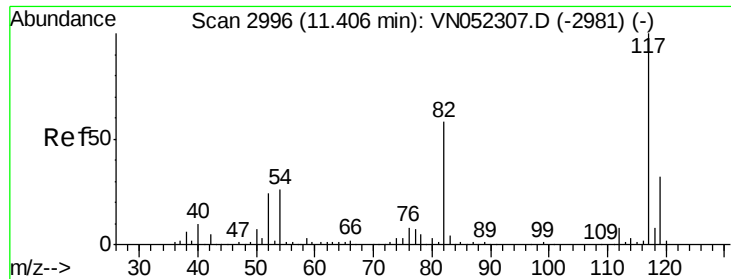
100000

50000

0

Time-->

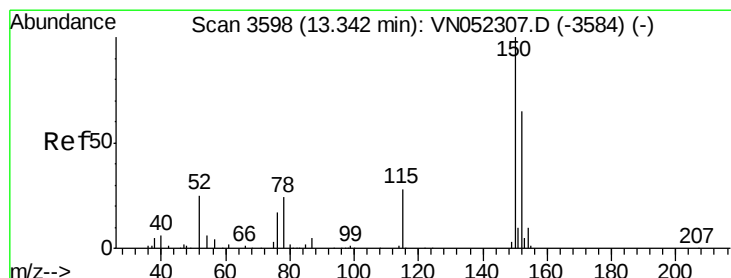
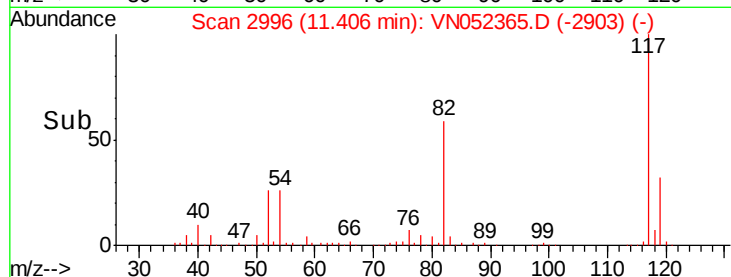
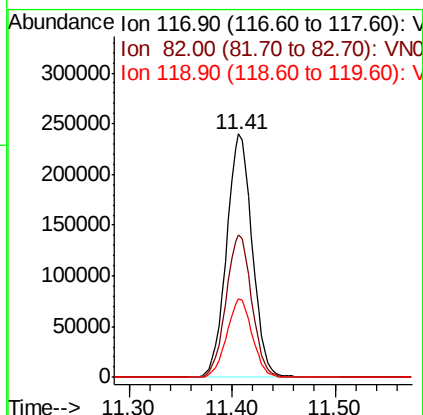
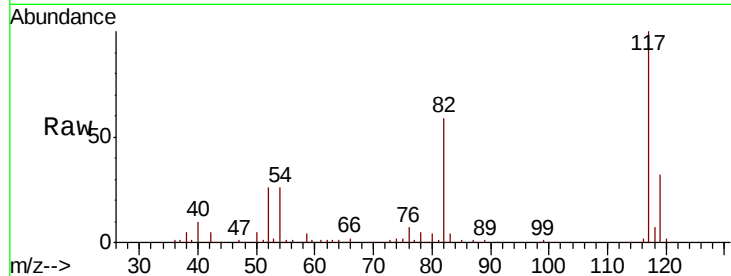




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052365.D
Acq: 16 Nov 2018 15:27

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 414819
Ion Ratio Lower Upper
117 100
82 58.5 46.5 69.7
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052365.D
Acq: 16 Nov 2018 15:27

Tgt Ion:152 Resp: 139416
Ion Ratio Lower Upper
152 100
115 62.1 30.3 91.0
150 158.2 0.0 348.2

