

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052648.D
 Acq On : 4 Dec 2018 12:27
 Operator : MD\SY
 Sample : J6209-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-3-18

Quant Time: Dec 05 10:15:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1150527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1779270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1571337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	599215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	608542	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	553550	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	2157573	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	690508	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

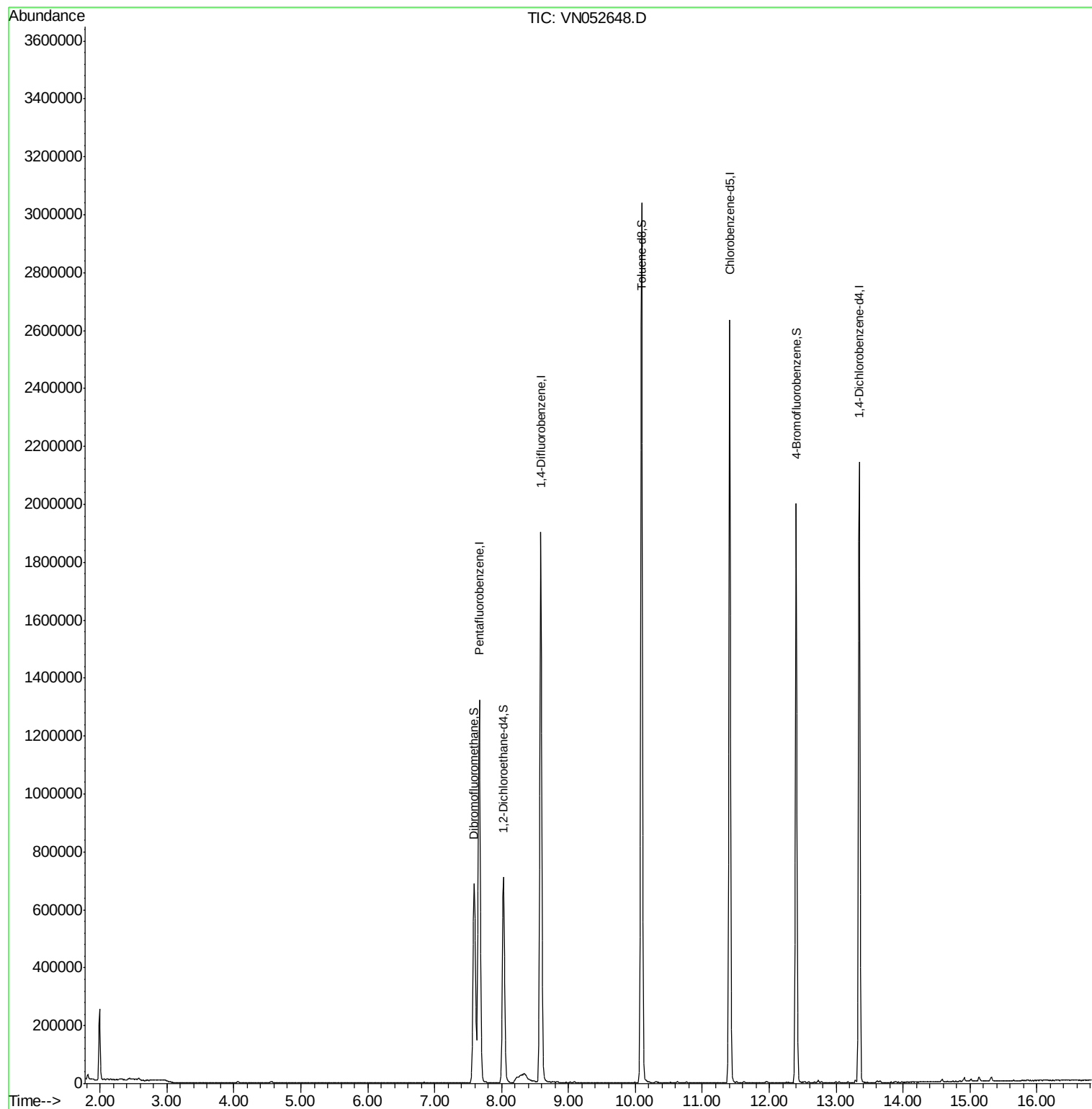
Target Compounds	Qvalue
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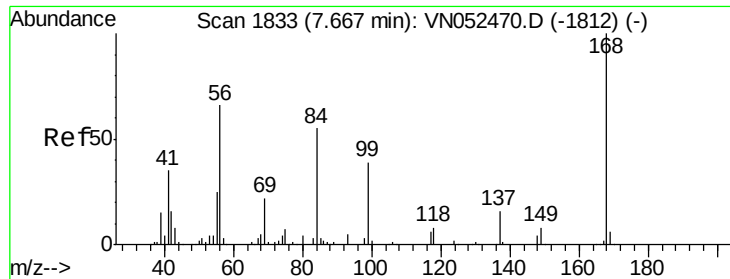
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052648.D

Acq: 4 Dec 2018 12:27

Instrument :

MSVOA_N

ClientSampled :

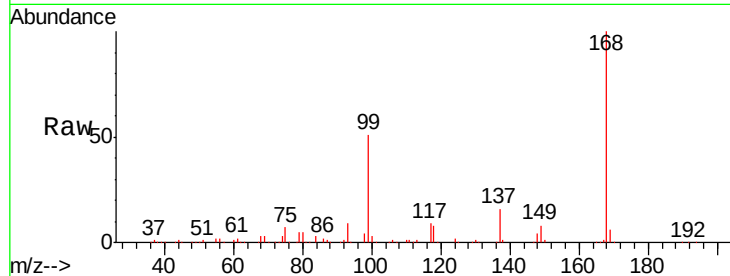
TB-12-3-18

Tgt Ion:168 Resp: 1150527

Ion Ratio Lower Upper

168 100

99 50.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

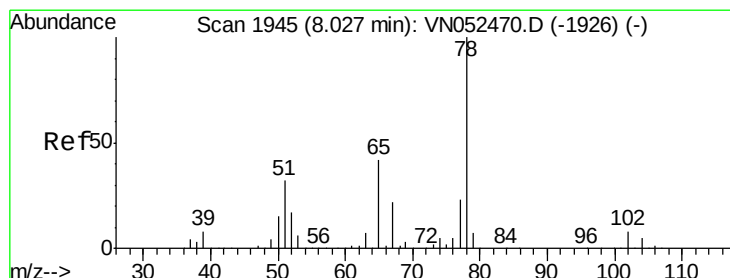
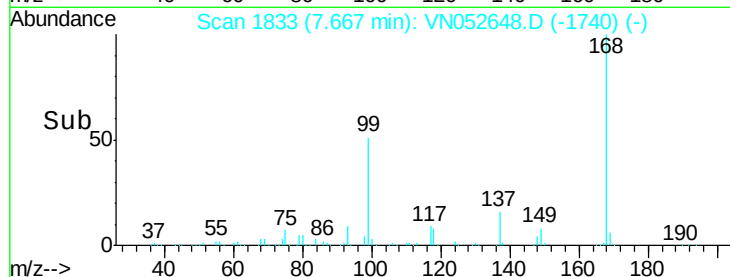
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052648.D

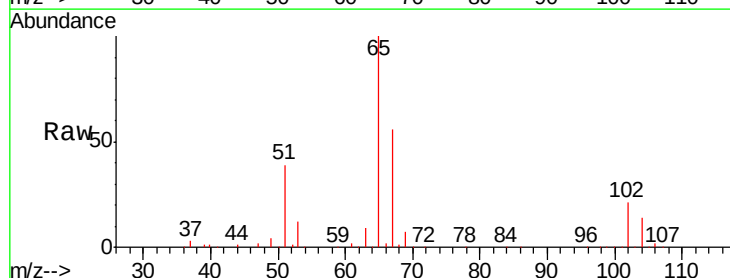
Acq: 4 Dec 2018 12:27

Tgt Ion: 65 Resp: 608542

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

300000

250000

200000

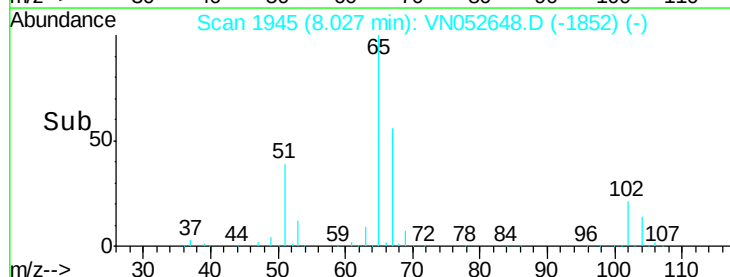
150000

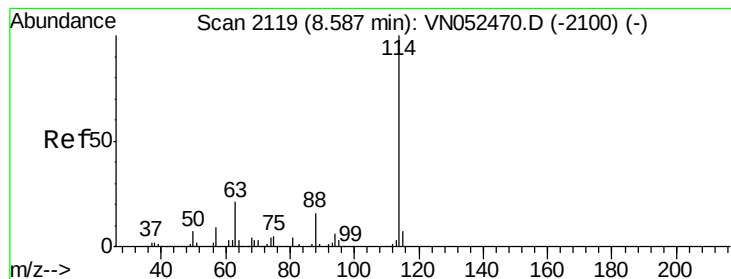
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052648.D

Acq: 4 Dec 2018 12:27

Instrument :

MSVOA_N

ClientSampled :

TB-12-3-18

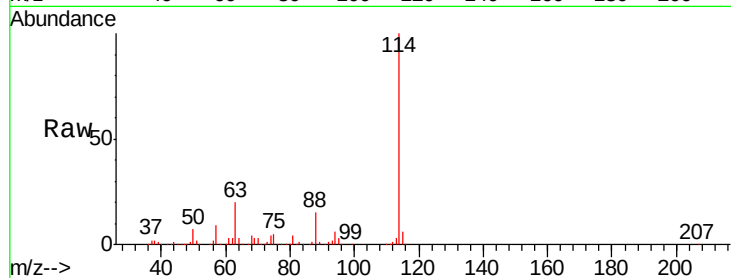
Tgt Ion:114 Resp: 1779270

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.8

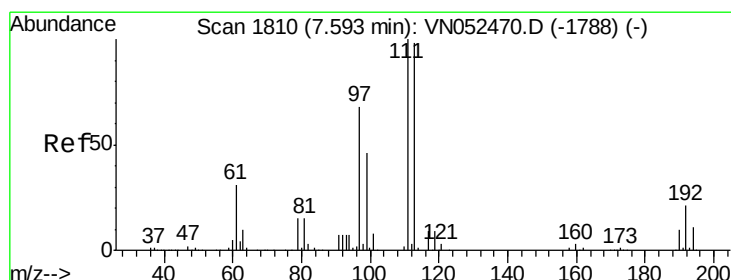
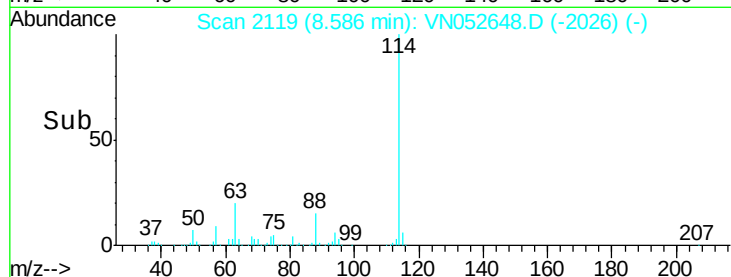
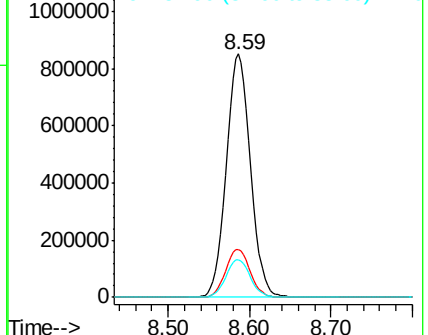
88 15.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052648.D

Acq: 4 Dec 2018 12:27

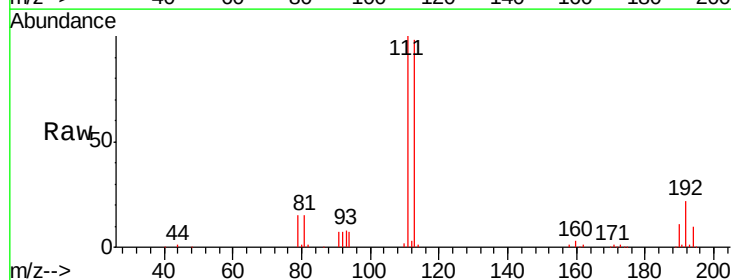
Tgt Ion:113 Resp: 553550

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

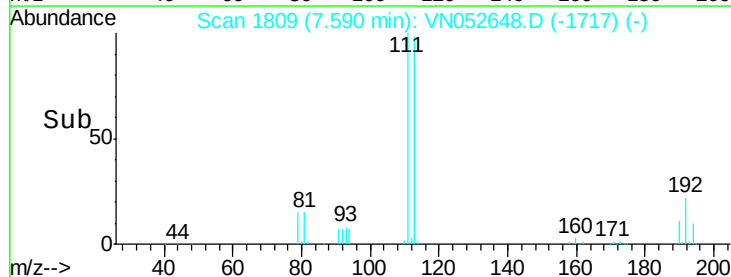
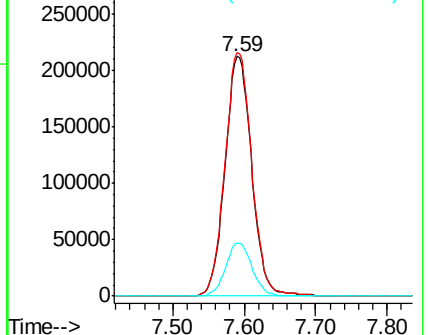
192 22.0 17.0 25.6

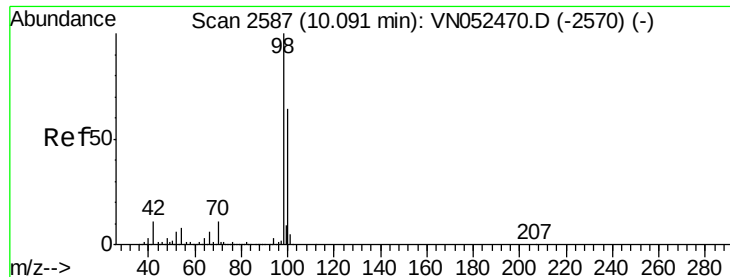


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052648.D

Acq: 4 Dec 2018 12:27

Instrument :

MSVOA_N

ClientSampled :

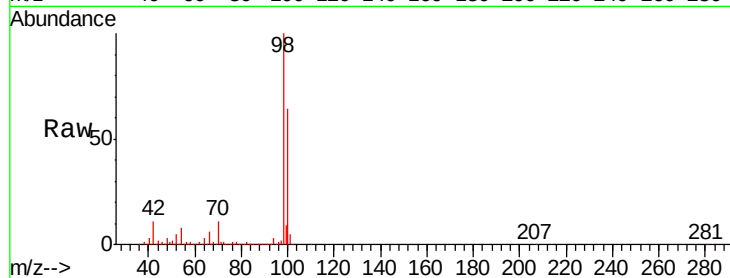
TB-12-3-18

Tgt Ion: 98 Resp: 2157573

Ion Ratio Lower Upper

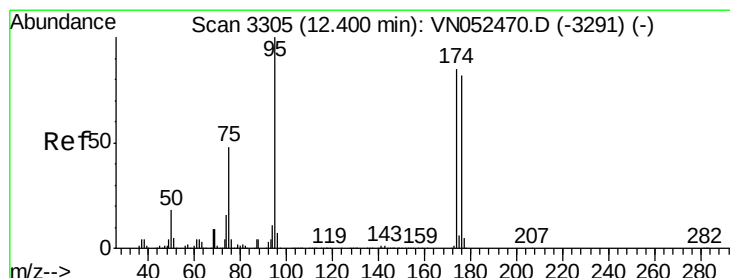
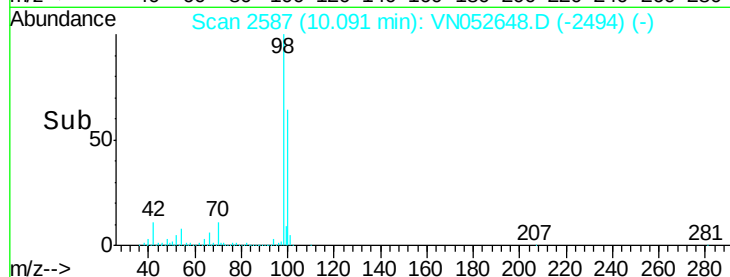
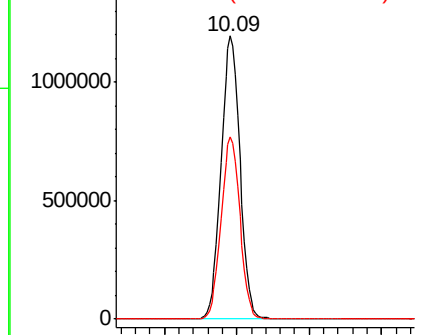
98 100

100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052648.D

Acq: 4 Dec 2018 12:27

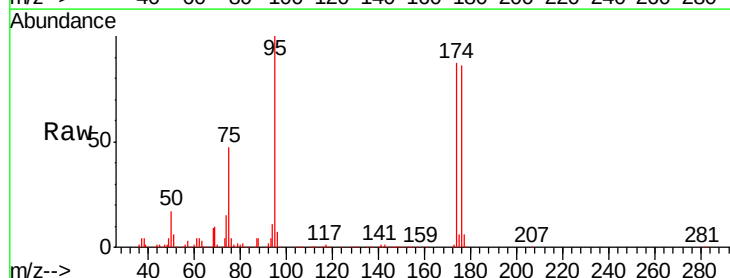
Tgt Ion: 95 Resp: 690508

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

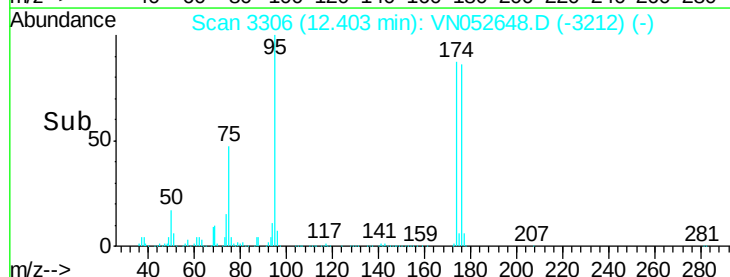
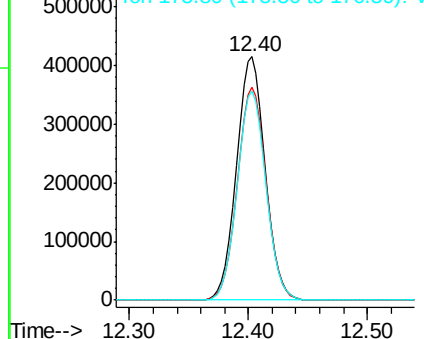
176 86.1 0.0 166.2

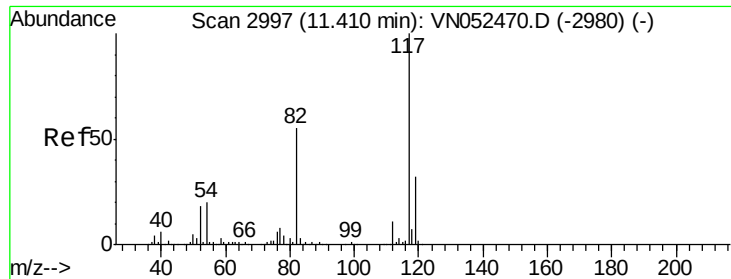


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

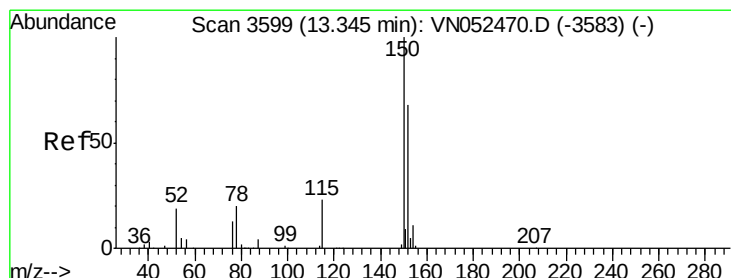
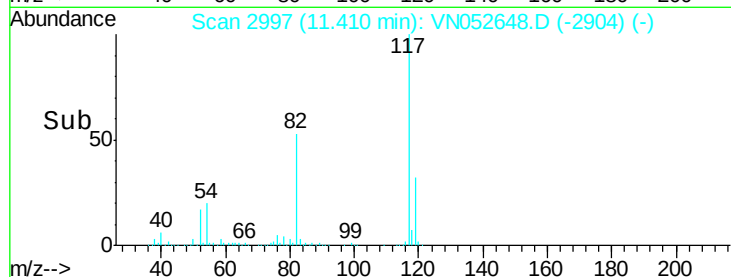
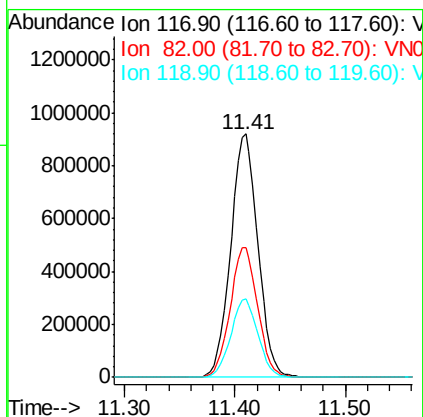
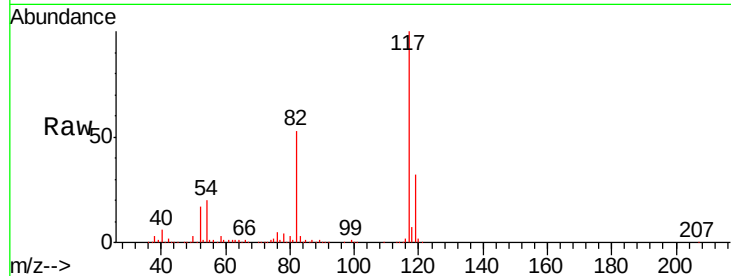




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052648.D
Acq: 4 Dec 2018 12:27

Instrument :
MSVOA_N
ClientSampled :
TB-12-3-18

Tgt Ion:117 Resp: 1571337
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052648.D
Acq: 4 Dec 2018 12:27

Tgt Ion:152 Resp: 599215
Ion Ratio Lower Upper
152 100
115 56.1 28.4 85.2
150 157.7 0.0 346.0

