

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
 Data File : VN051738.D
 Acq On : 8 Oct 2018 16:13
 Operator : MD\SY
 Sample : J5205-01
 Misc : 5.05µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-100418

Quant Time: Oct 09 14:20:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	941522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	845538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390118	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	7.59	113	349322	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	10.09	98	1338636	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	415493	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	

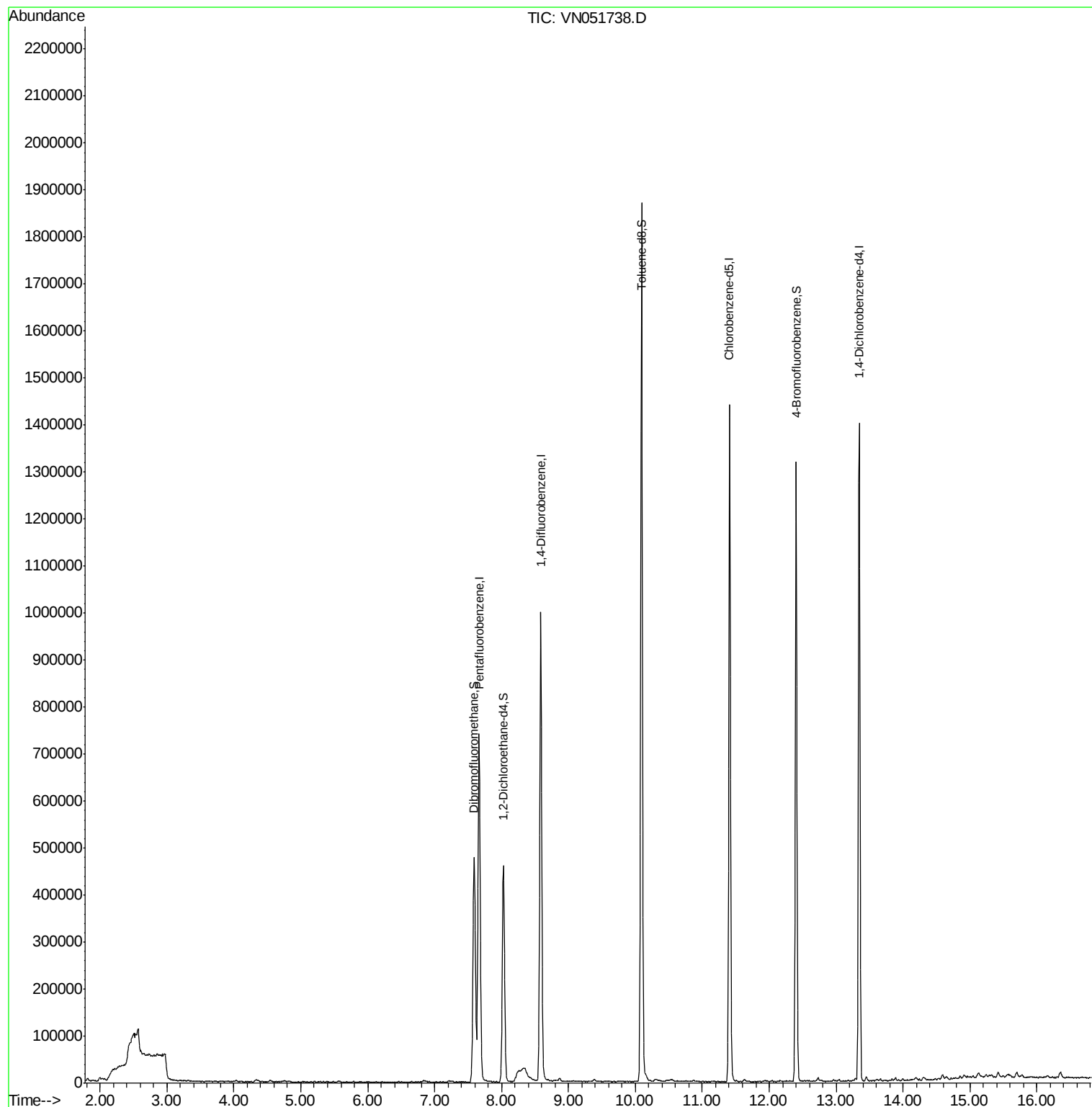
Target Compounds	Qvalue

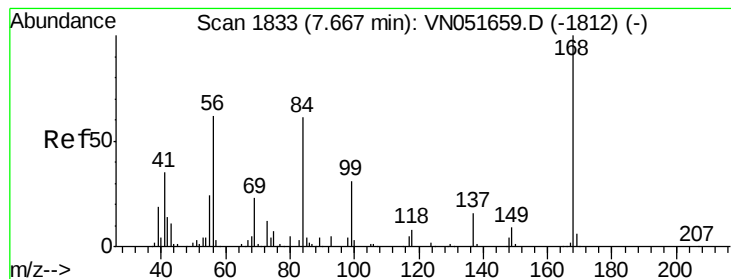
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051738.D

Acq: 8 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

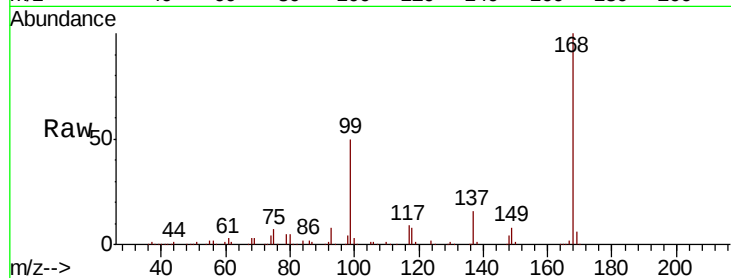
TR-05-100418

Tot Ion:168 Resp: 647762

Ion Ratio Lower Upper

168 100

99 49.8 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051738.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051738.D (-1740) (-)

7.67

250000

200000

150000

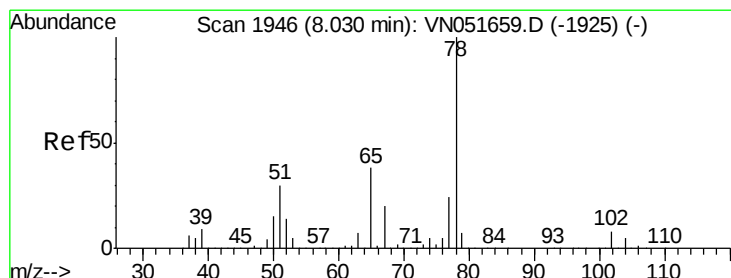
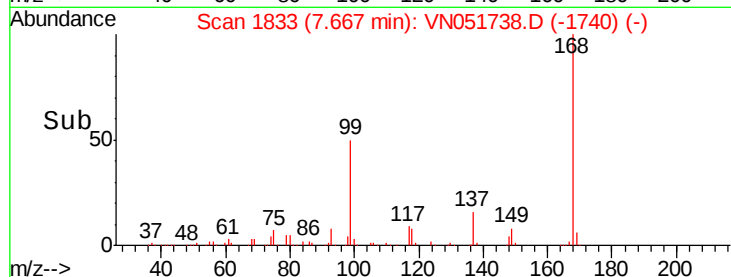
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051738.D

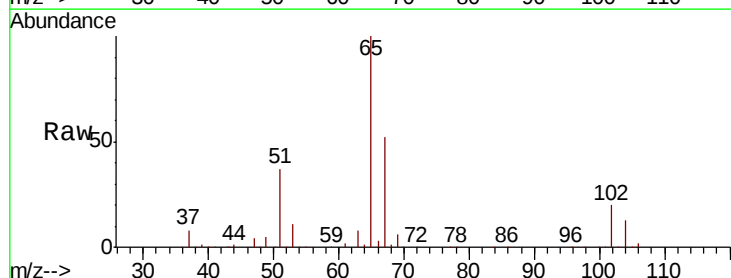
Acq: 8 Oct 2018 16:13

Tgt Ion: 65 Resp: 390118

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051738.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051738.D (-1853) (-)

8.03

150000

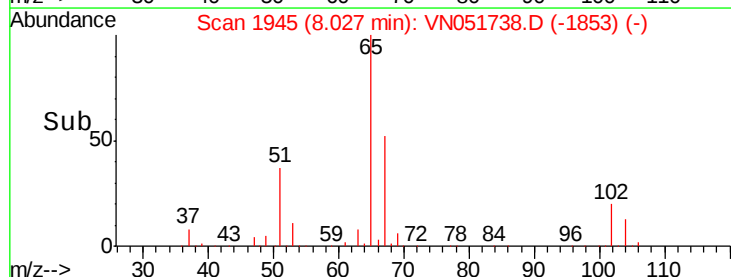
100000

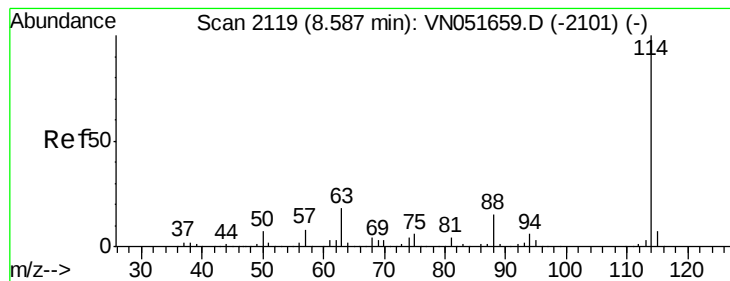
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051738.D

Acq: 8 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

TR-05-100418

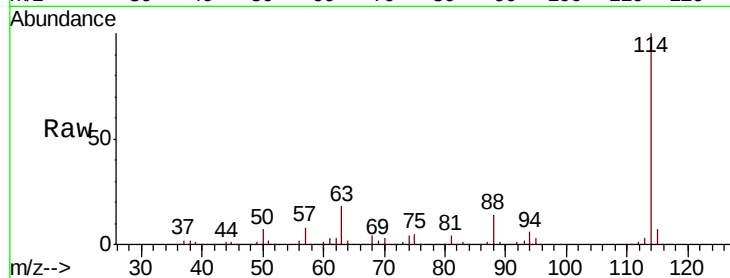
Tot Ion:114 Resp: 941522

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

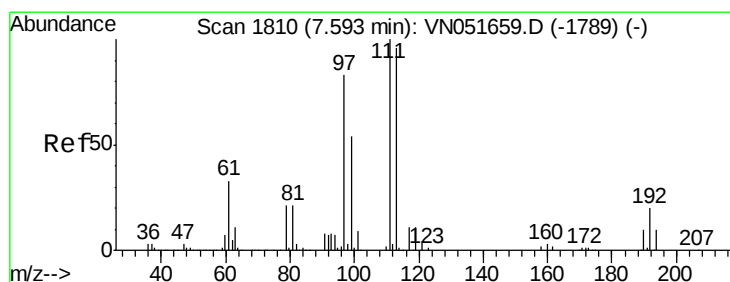
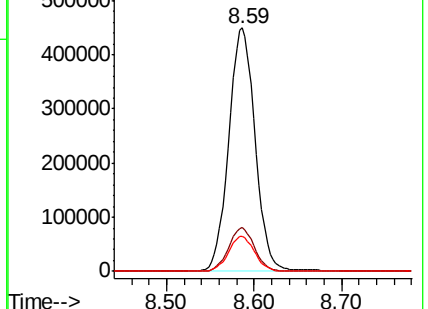
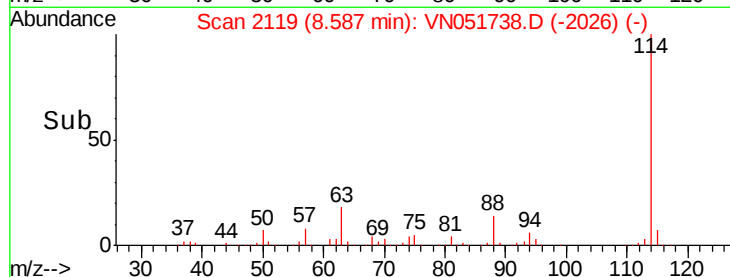
88 14.4 0.0 30.2



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# 1810

Delta R.T. -0.00 min

Lab File: VN051738.D

Acq: 8 Oct 2018 16:13

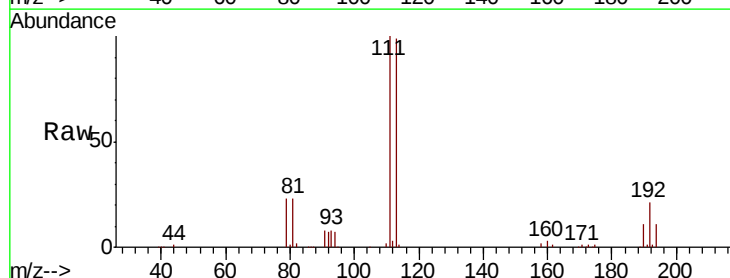
Tgt Ion:113 Resp: 349322

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

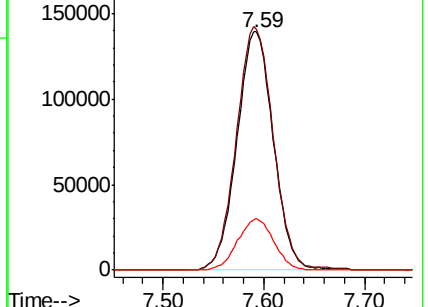
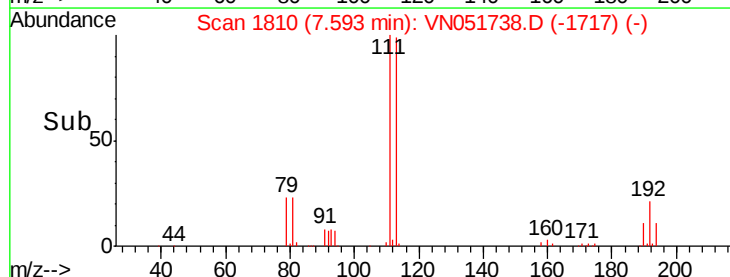
192 21.5 16.5 24.7

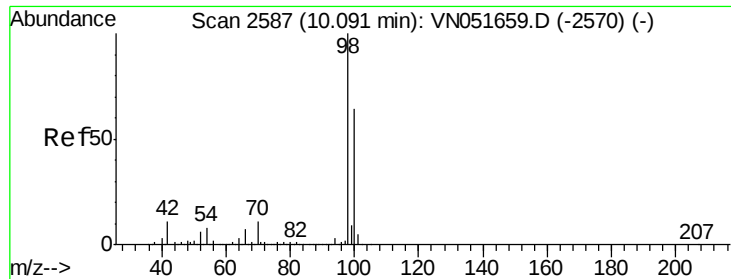


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN051738.D

Acq: 8 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

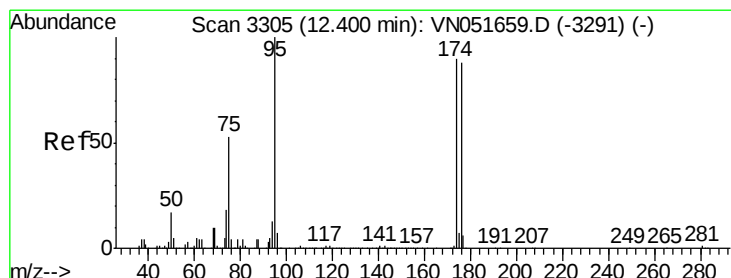
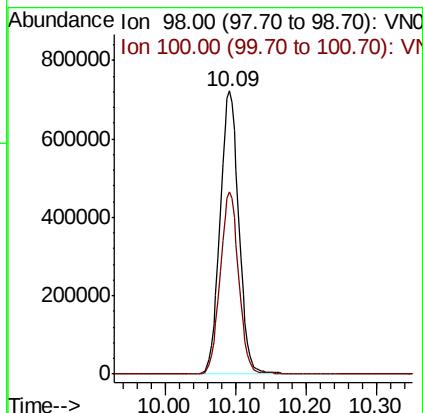
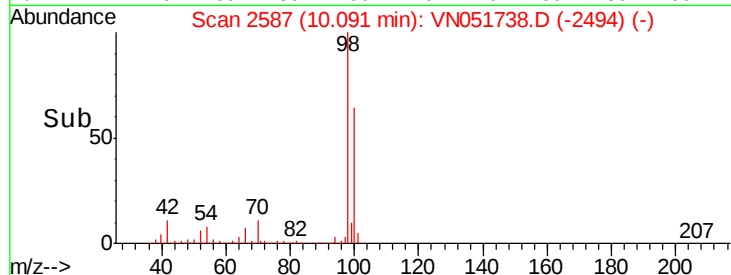
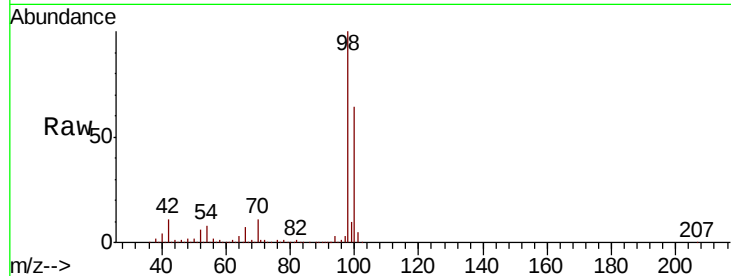
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Tot Ion: 98 Resp: 1338636

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051738.D

Acq: 8 Oct 2018 16:13

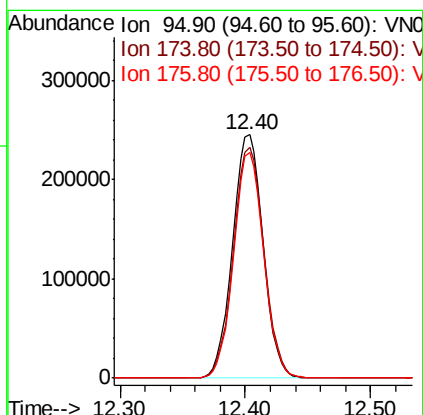
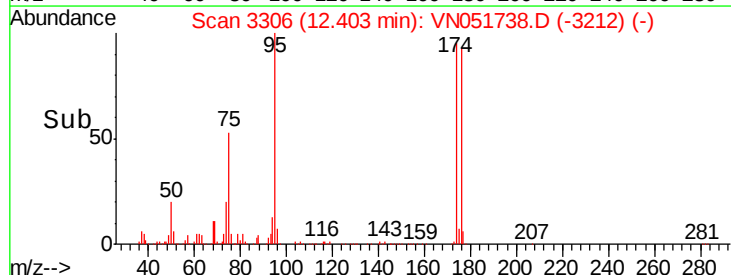
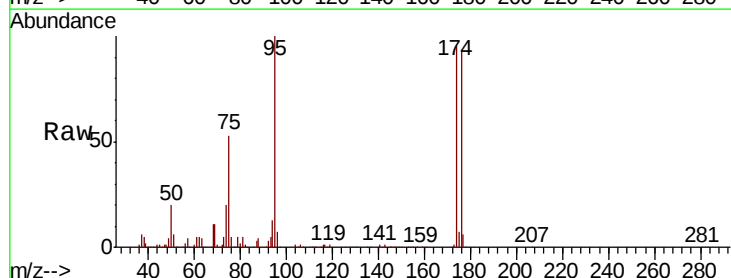
Tgt Ion: 95 Resp: 415493

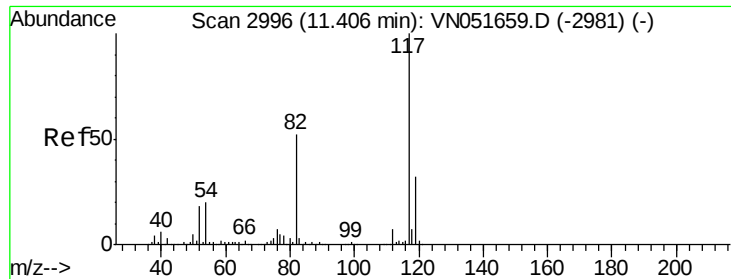
Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.8

176 91.2 0.0 176.4

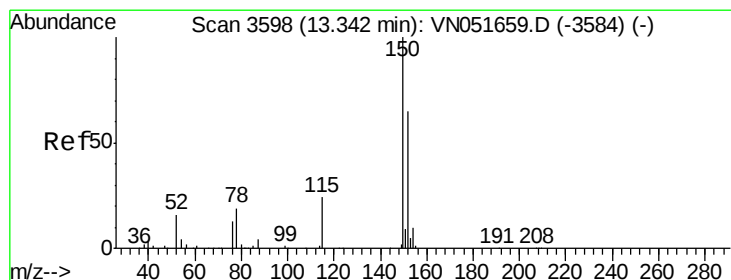
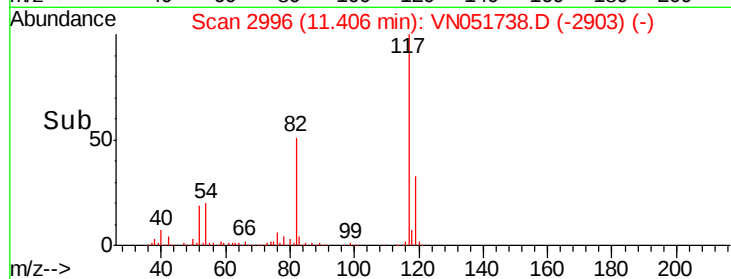
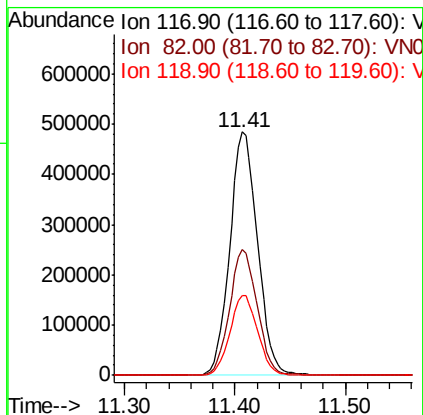
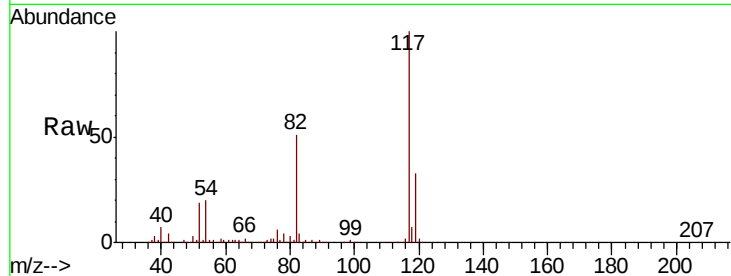




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051738.D
Acq: 8 Oct 2018 16:13

Instrument :
MSVOA_N
ClientSampleId :
TR-05-100418

Tot Ion:117 Resp: 845538
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051738.D
Acq: 8 Oct 2018 16:13

Tgt Ion:152 Resp: 386446
Ion Ratio Lower Upper
152 100
115 55.0 28.6 85.8
150 156.8 0.0 352.4

