

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052554.D
 Acq On : 29 Nov 2018 10:18
 Operator : MD\SY
 Sample : VN1129MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBL01

Quant Time: Nov 30 00:57:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1374819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2090813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1763962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	701451	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	7.59	113	637990	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.09	98	2507048	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	766961	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	

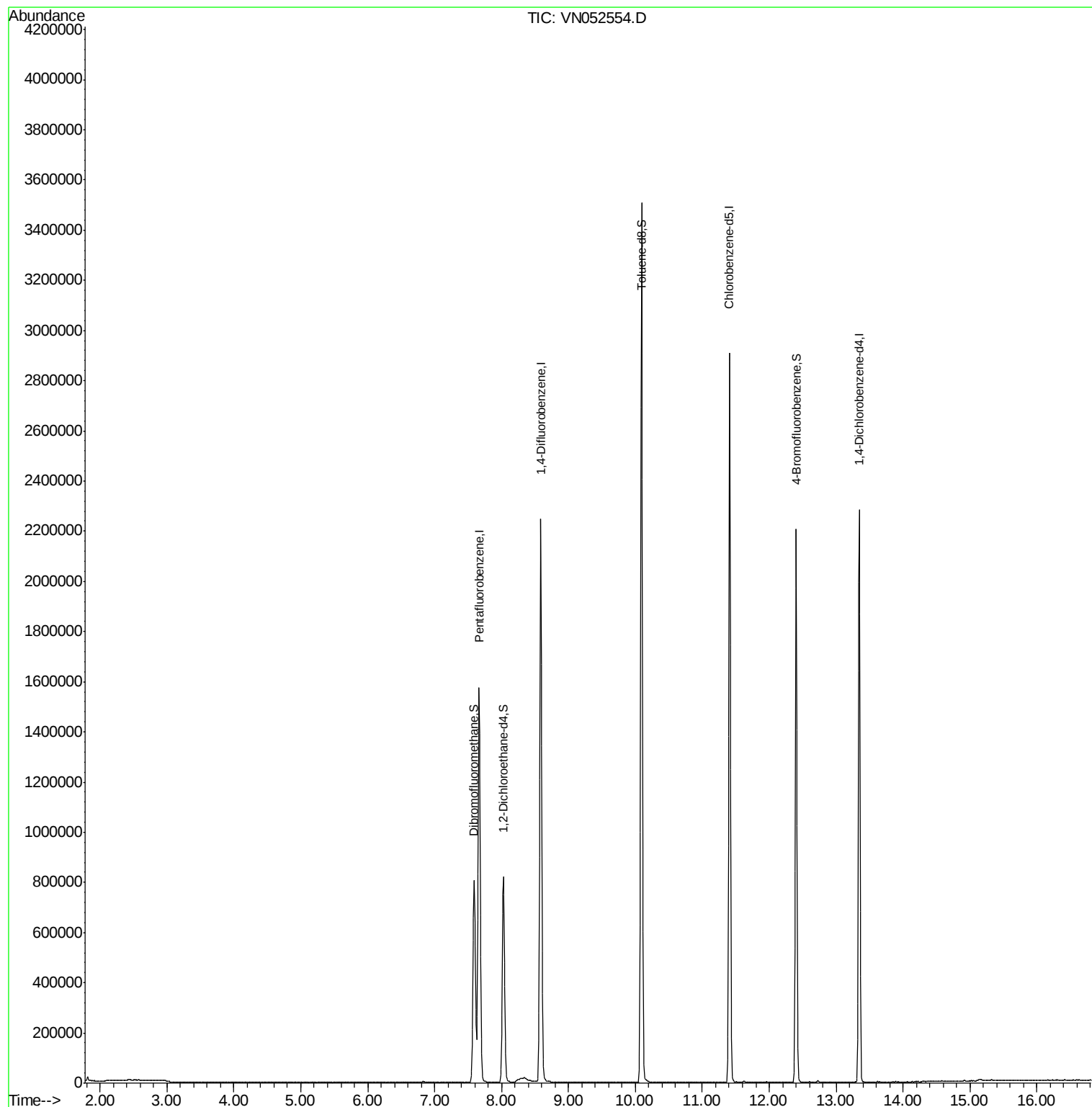
Target Compounds	Qvalue

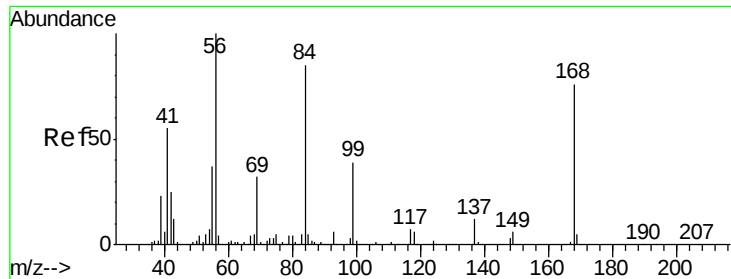
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

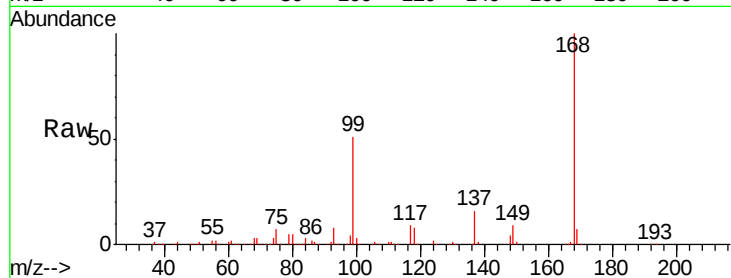
VN1129MBL01

Tgt Ion:168 Resp: 1374819

Ion Ratio Lower Upper

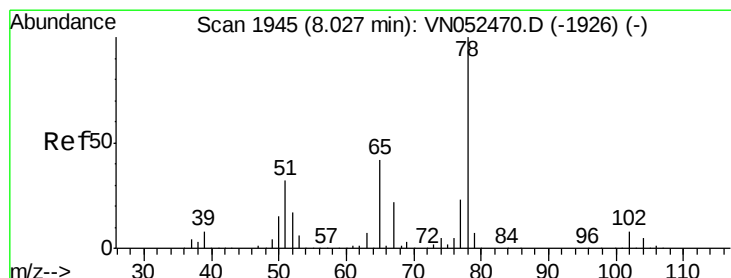
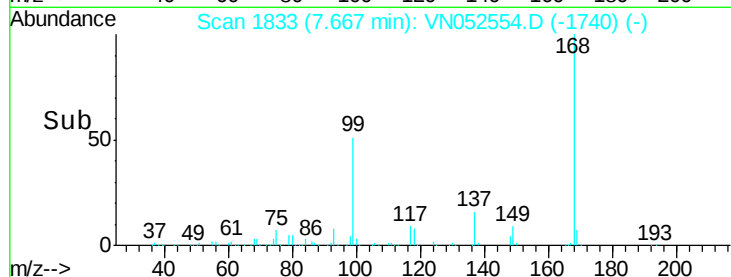
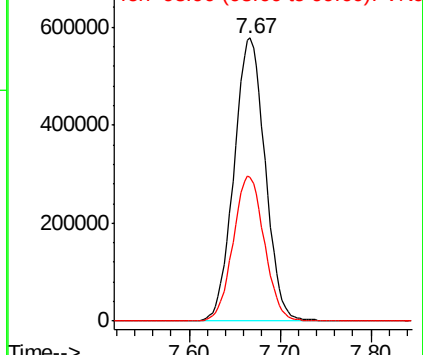
168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052554.D

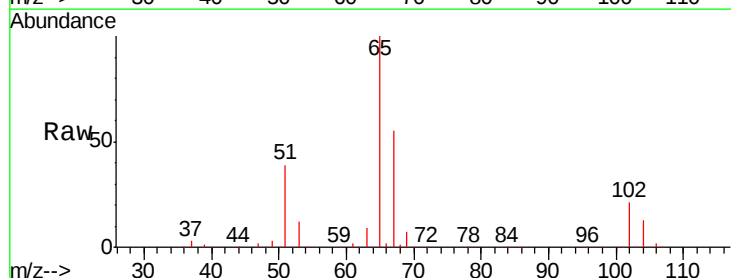
Acq: 29 Nov 2018 10:18

Tgt Ion: 65 Resp: 701451

Ion Ratio Lower Upper

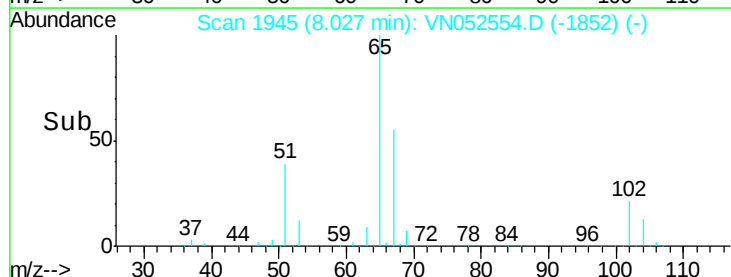
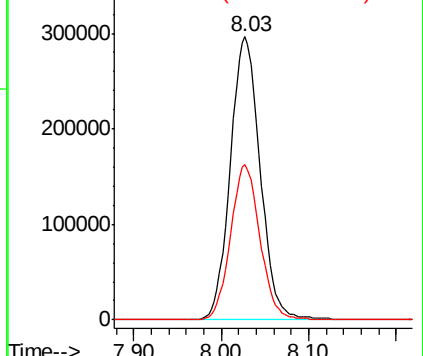
65 100

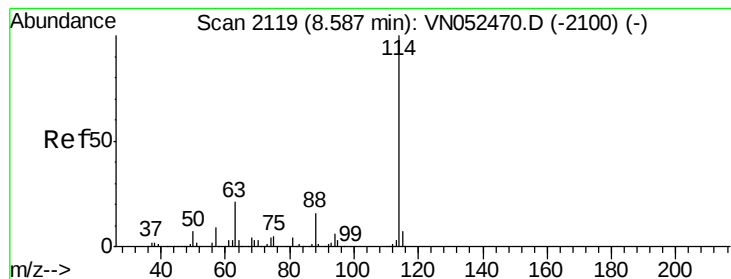
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

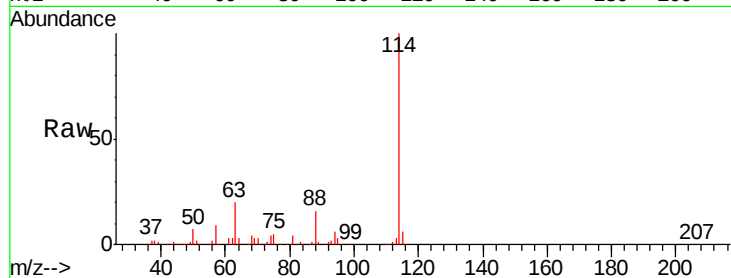
Tgt Ion:114 Resp: 2090813

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

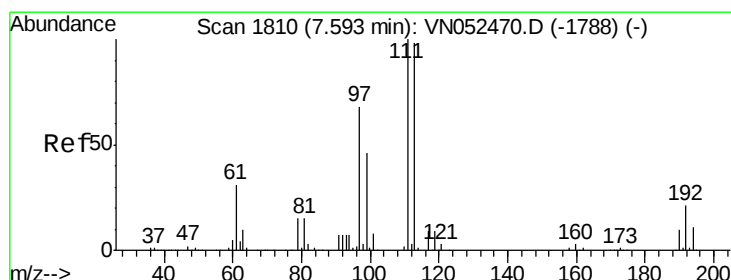
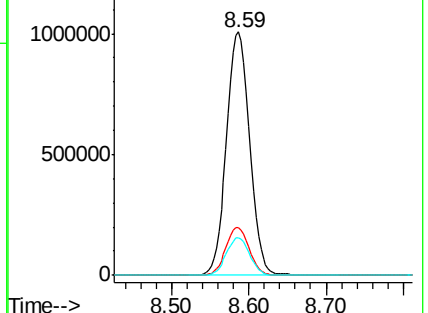
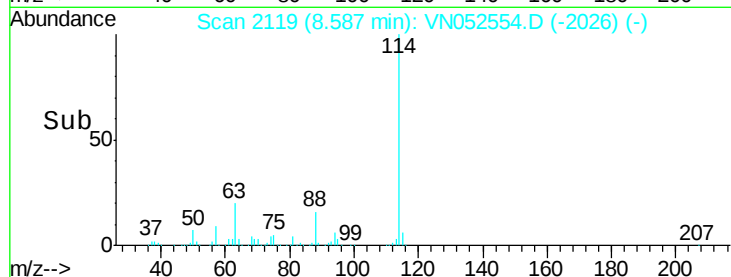
88 15.6 0.0 31.6



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: VN052554.D

Acq: 29 Nov 2018 10:18

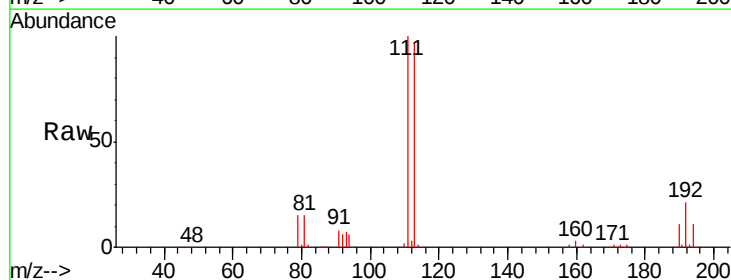
Tgt Ion:113 Resp: 637990

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

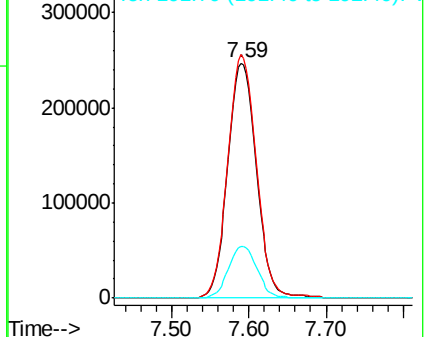
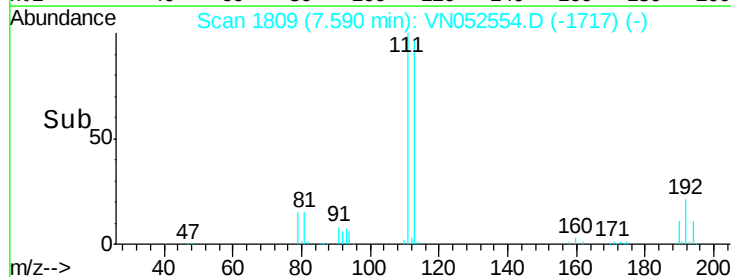
192 22.0 17.0 25.6

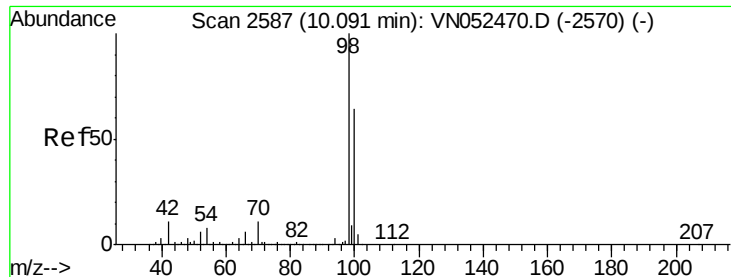


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

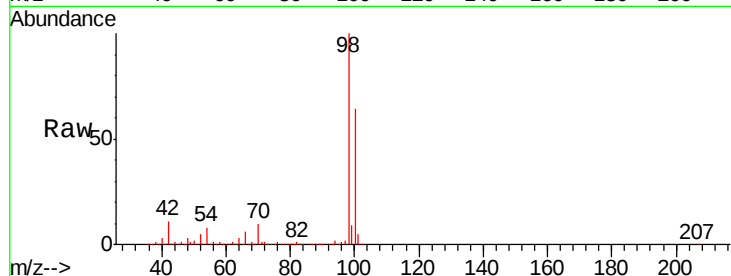
VN1129MBL01

Tgt Ion: 98 Resp: 2507048

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

1500000

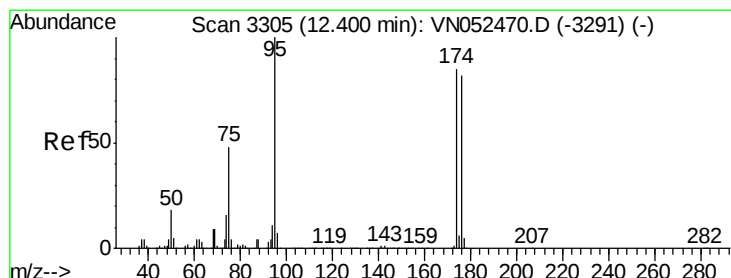
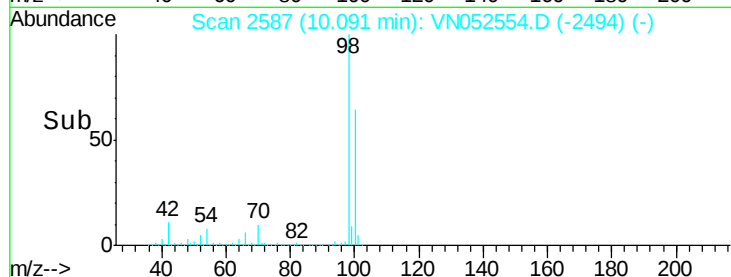
1000000

500000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

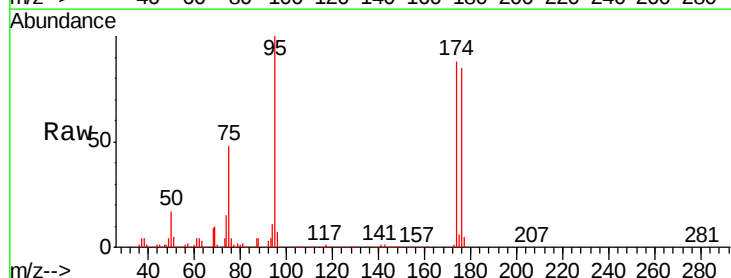
Tgt Ion: 95 Resp: 766961

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.0

176 84.9 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

600000

500000

400000

300000

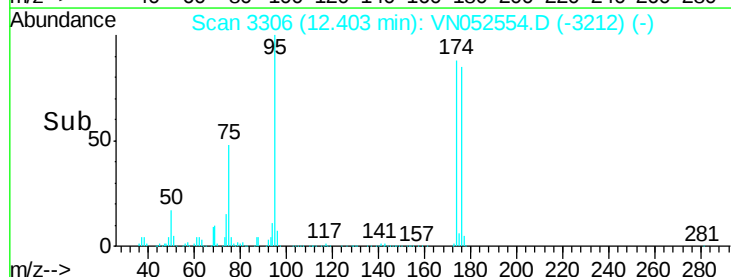
200000

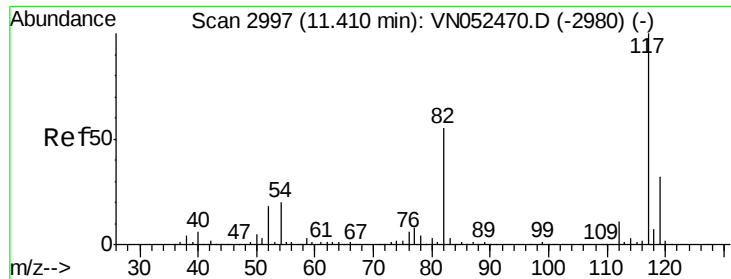
100000

0

Time-->

12.30 12.40 12.50

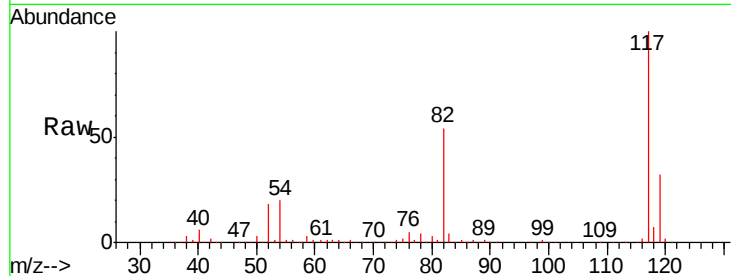




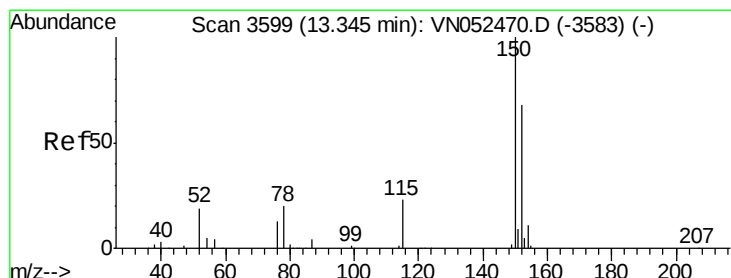
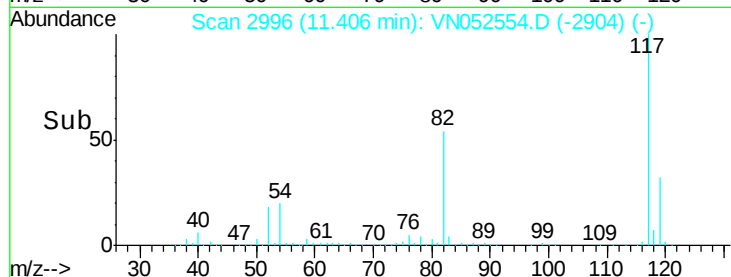
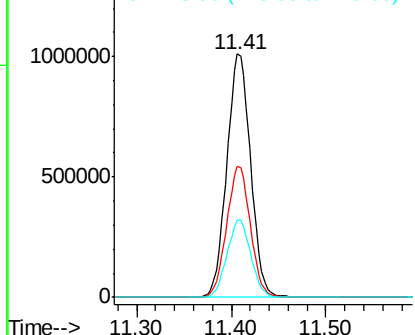
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052554.D
Acq: 29 Nov 2018 10:18

Instrument :
MSVOA_N
ClientSampled :
VN1129MBL01

Tgt Ion:117 Resp: 1763962
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.6 25.4 38.2

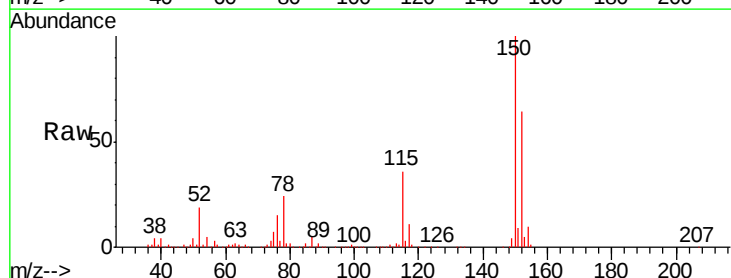


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052554.D
Acq: 29 Nov 2018 10:18

Tgt Ion:152 Resp: 642586
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 157.6 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

