

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052649.D
 Acq On : 4 Dec 2018 12:53
 Operator : MD\SY
 Sample : J6209-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 12.68

Quant Time: Dec 05 10:16:01 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	1186810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1820195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1560494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	561103	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	622088	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	564556	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	10.09	98	2191581	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	664656	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

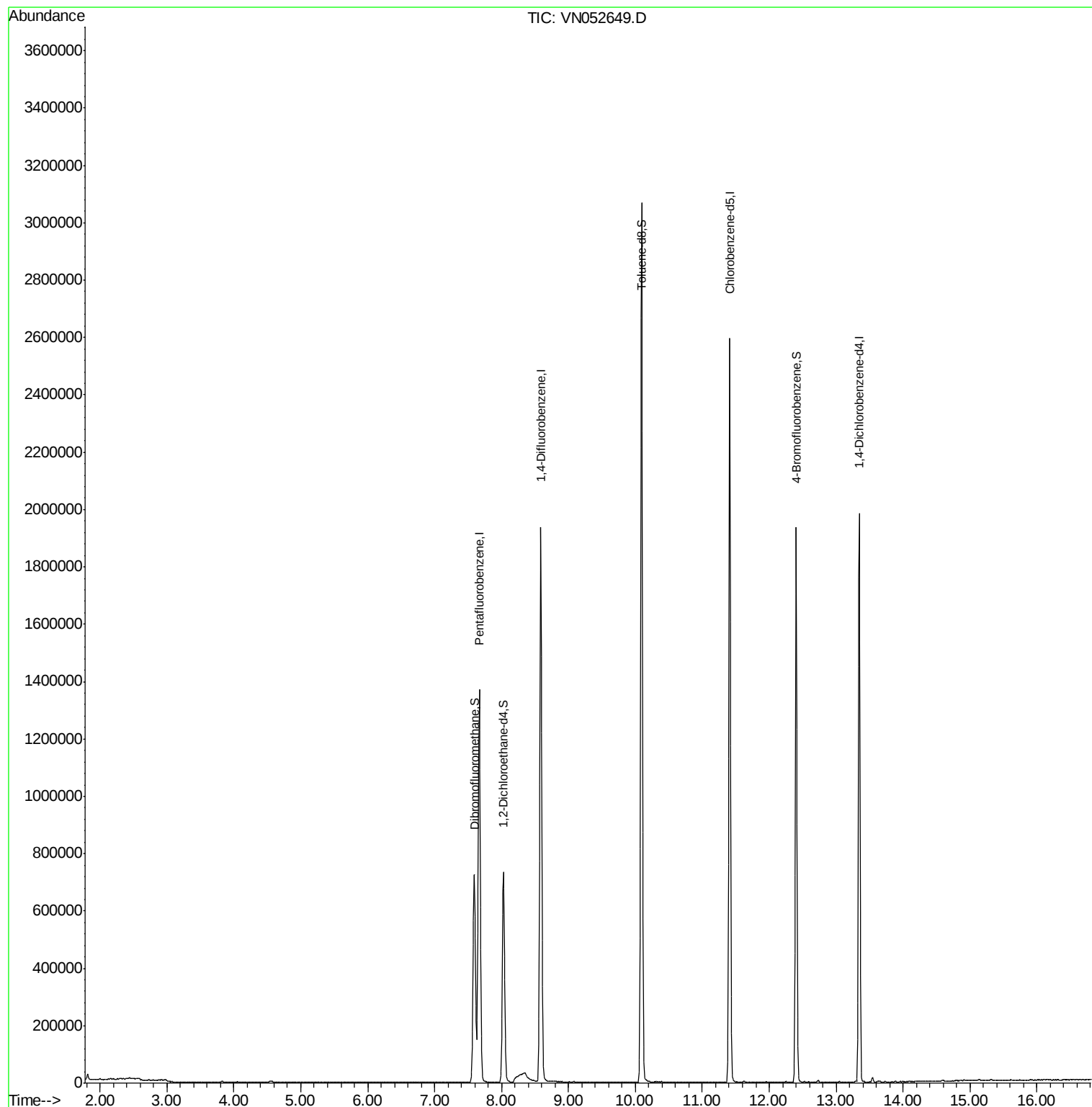
Target Compounds	Qvalue

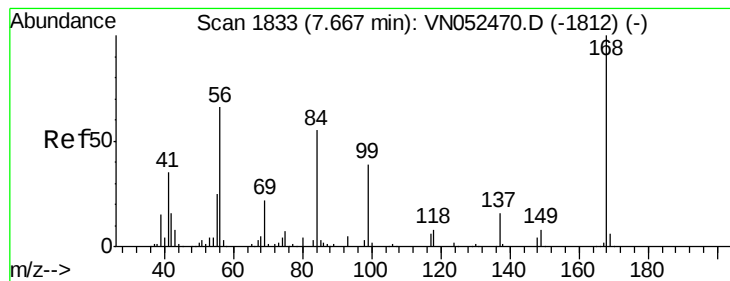
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052649.D

Acq: 4 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampled :

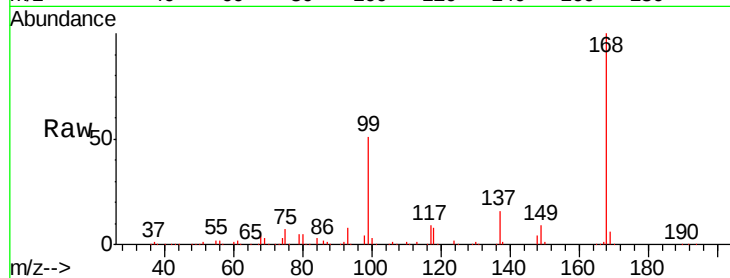
12.68

Tgt Ion:168 Resp: 1186810

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

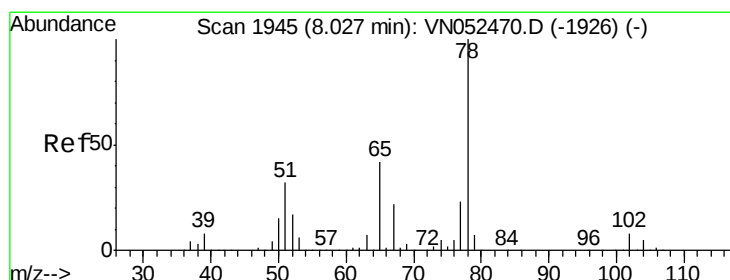
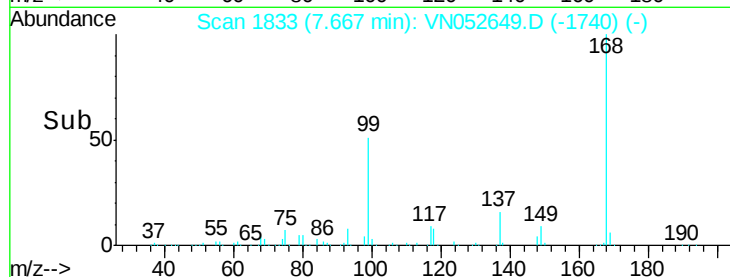
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052649.D

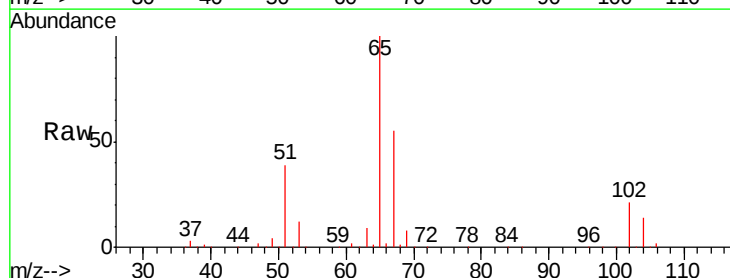
Acq: 4 Dec 2018 12:53

Tgt Ion: 65 Resp: 622088

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

300000

250000

200000

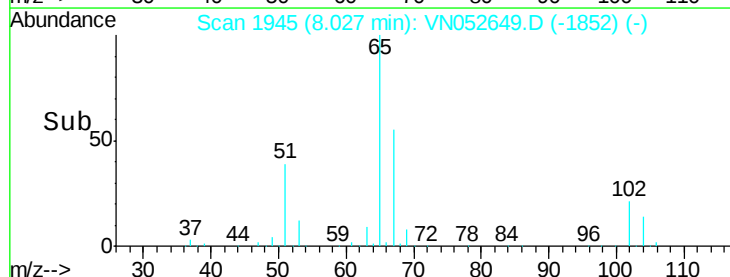
150000

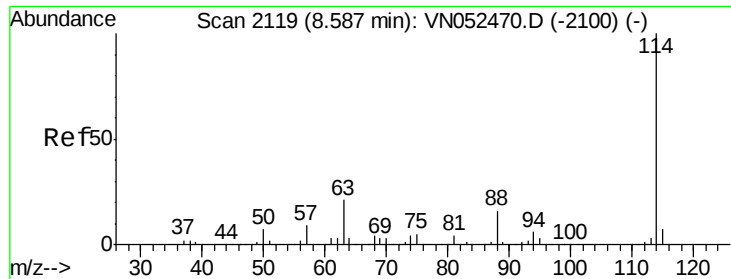
100000

50000

0

Time-->

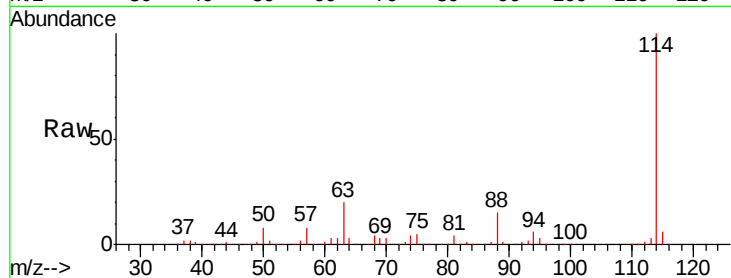




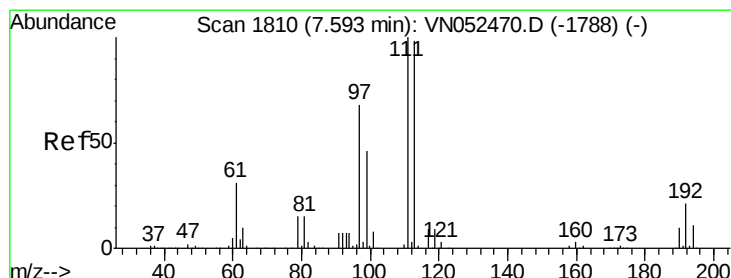
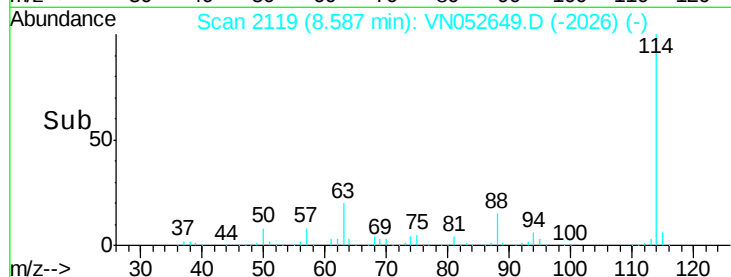
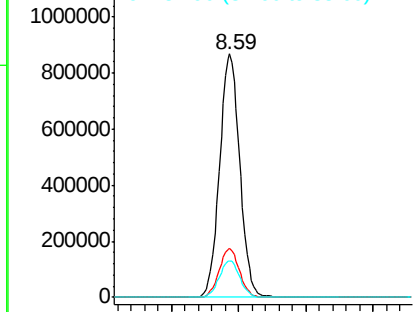
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052649.D
 Acq: 4 Dec 2018 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 12.68

Tgt Ion:114 Resp: 1820195
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.8
 88 15.1 0.0 31.6

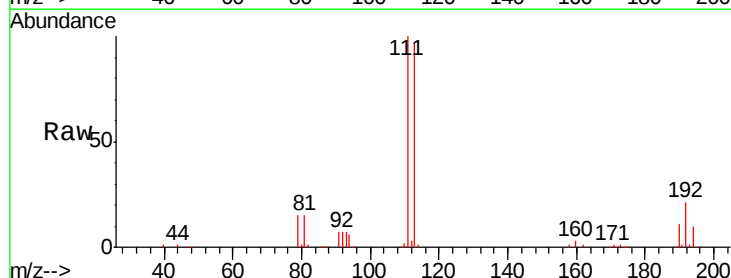


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

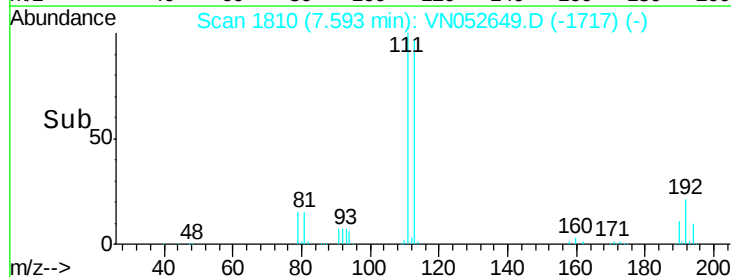
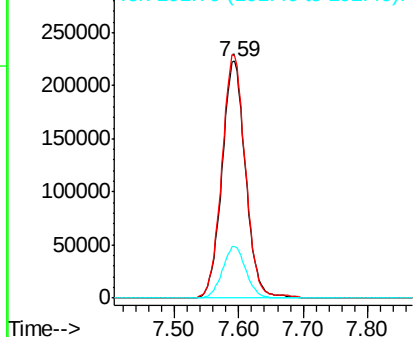


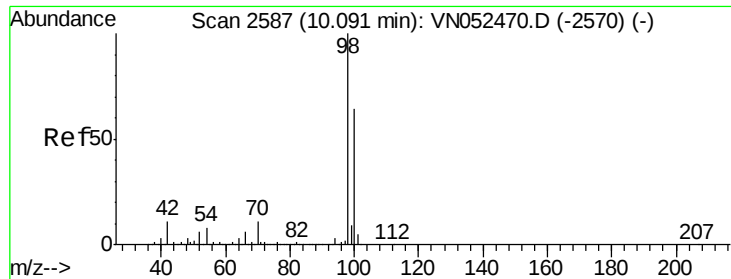
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052649.D
 Acq: 4 Dec 2018 12:53

Tgt Ion:113 Resp: 564556
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 21.7 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: VN052649.D

Acq: 4 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampled :

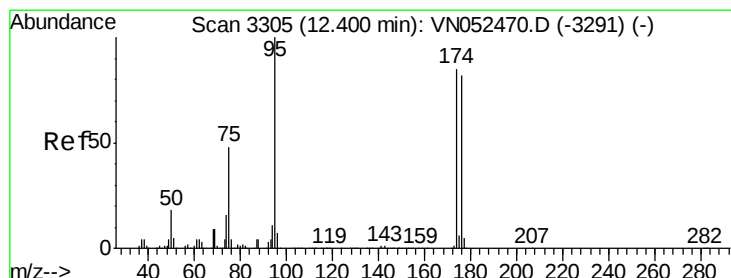
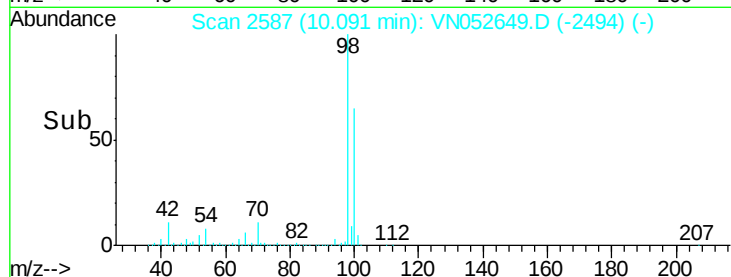
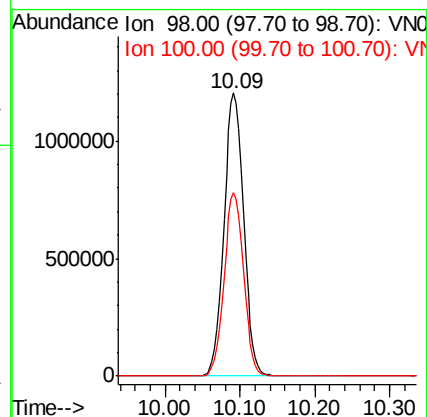
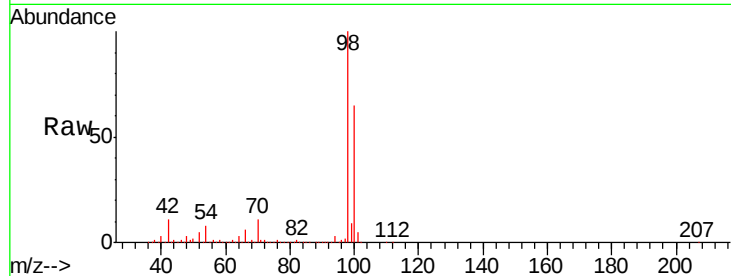
12.68

Tgt Ion: 98 Resp: 2191581

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052649.D

Acq: 4 Dec 2018 12:53

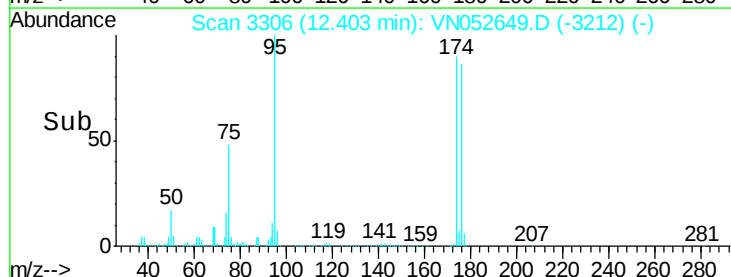
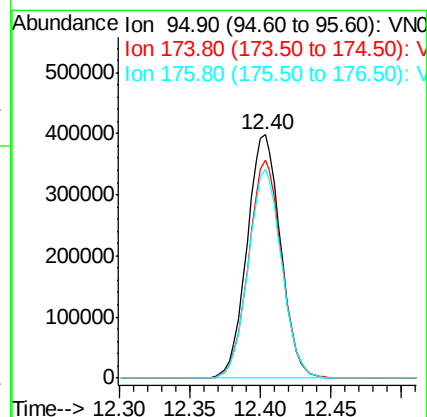
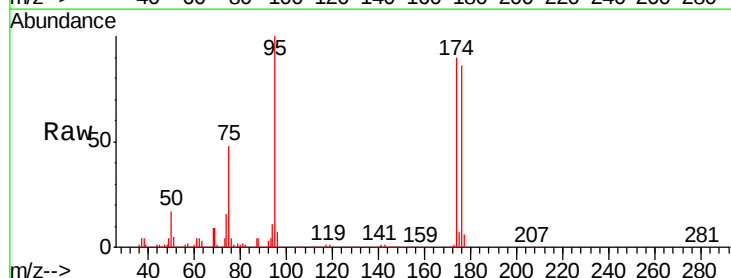
Tgt Ion: 95 Resp: 664656

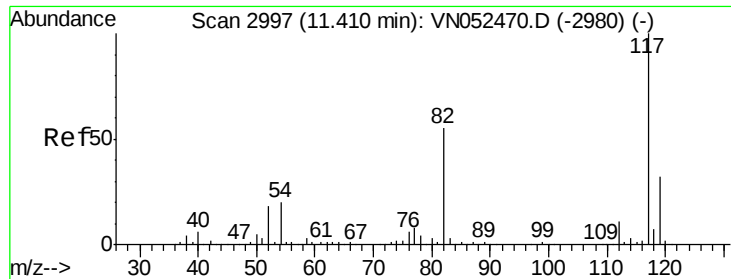
Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 85.3 0.0 166.2

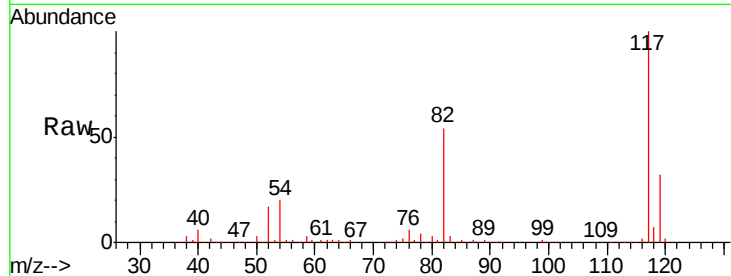




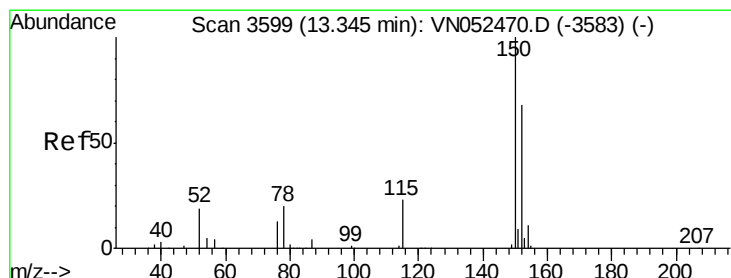
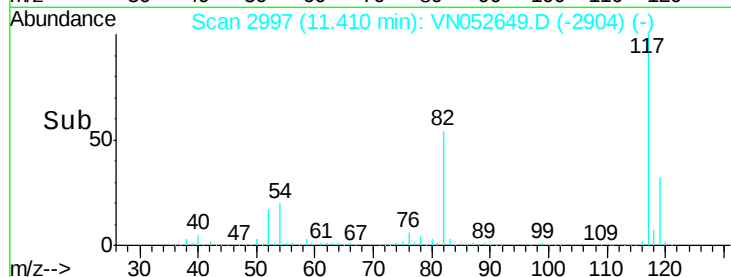
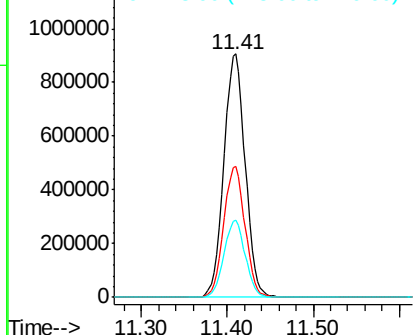
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052649.D
Acq: 4 Dec 2018 12:53

Instrument :
MSVOA_N
ClientSampleId :
12.68

Tgt Ion:117 Resp: 1560494
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 31.8 25.4 38.2

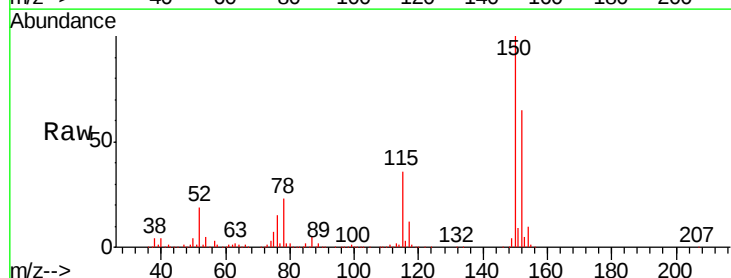


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052649.D
Acq: 4 Dec 2018 12:53

Tgt Ion:152 Resp: 561103
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 155.2 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

