

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052646.D
 Acq On : 4 Dec 2018 11:25
 Operator : MD\SY
 Sample : VN1204WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBL01

Quant Time: Dec 05 03:30:11 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	1216819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1875515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1622514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	593187	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	640547	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.59	113	581907	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	2265630	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.40	95	701221	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

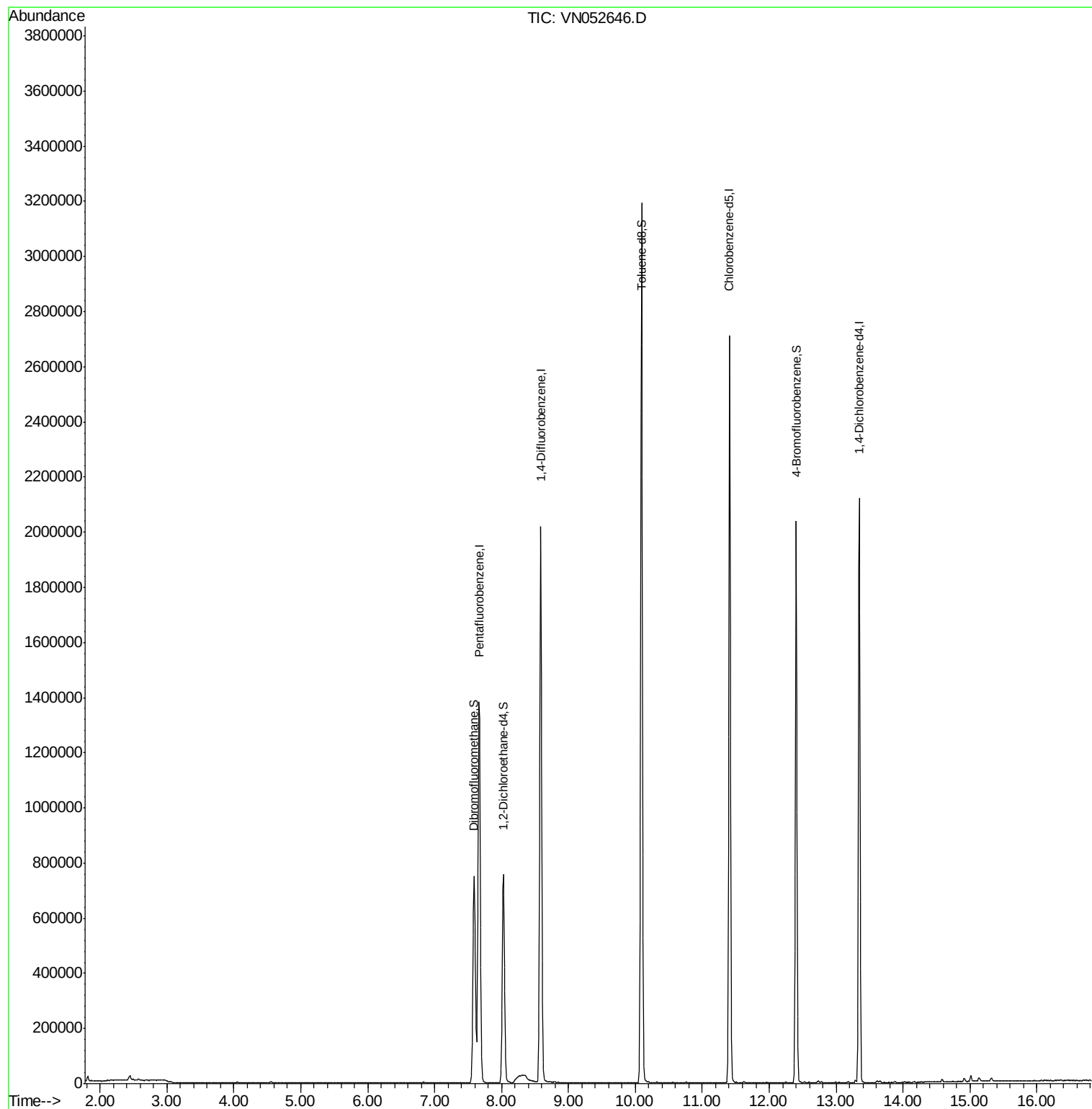
Target Compounds	Qvalue
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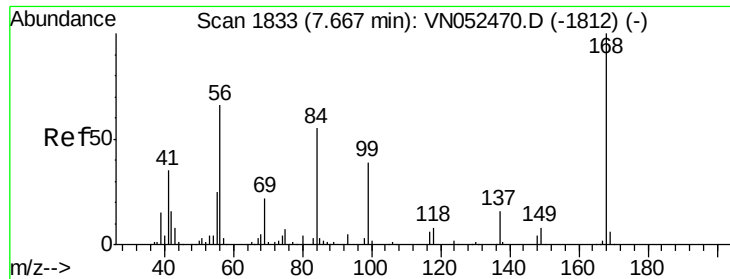
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
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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: VN052646.D

Acq: 4 Dec 2018 11:25

Instrument :

MSVOA_N

ClientSampleId :

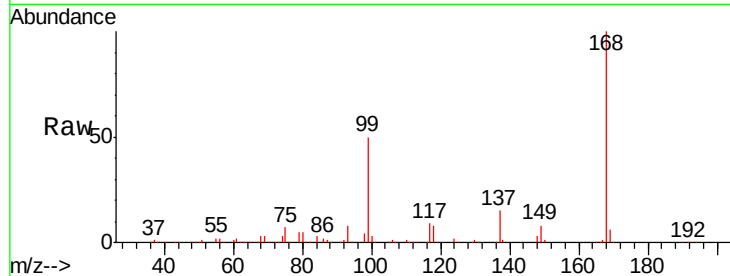
VN1204WBL01

Tgt Ion:168 Resp: 1216819

Ion Ratio Lower Upper

168 100

99 49.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052646.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052646.D (-1740) (-)

7.67

600000

500000

400000

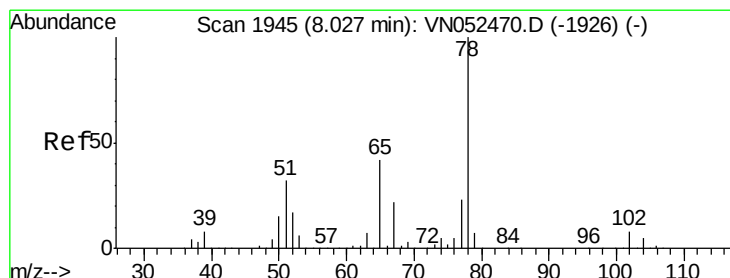
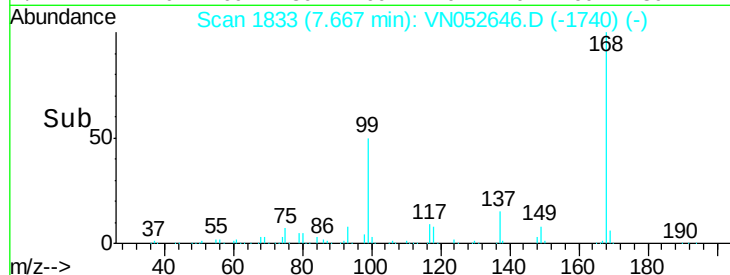
300000

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: VN052646.D

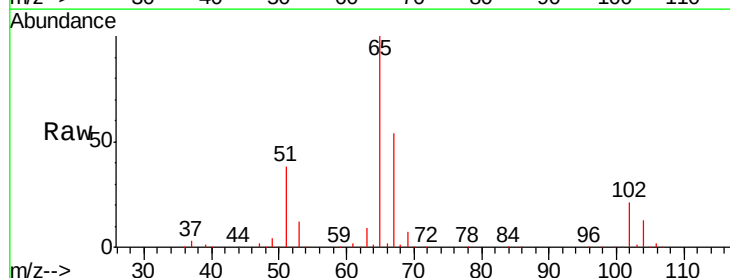
Acq: 4 Dec 2018 11:25

Tgt Ion: 65 Resp: 640547

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052646.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052646.D (-1852) (-)

8.03

300000

250000

200000

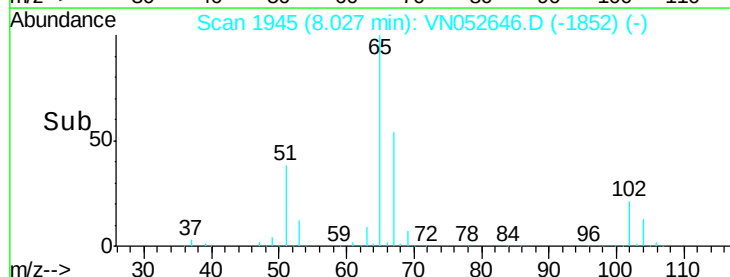
150000

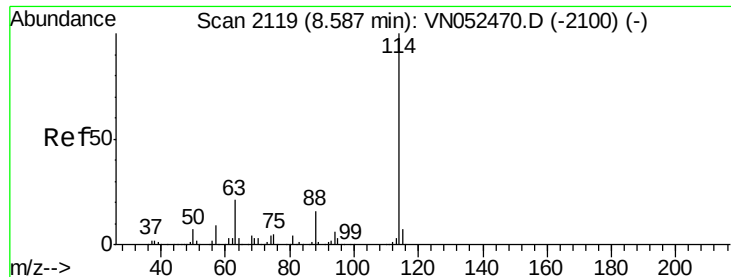
100000

50000

0

Time-->

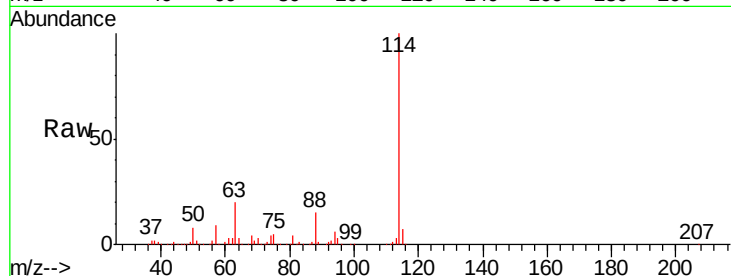




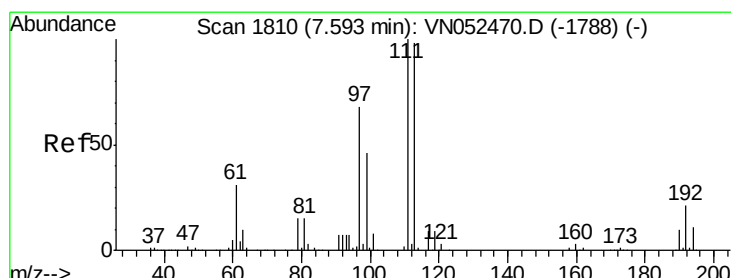
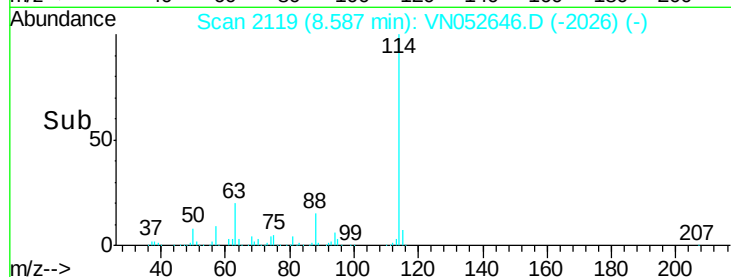
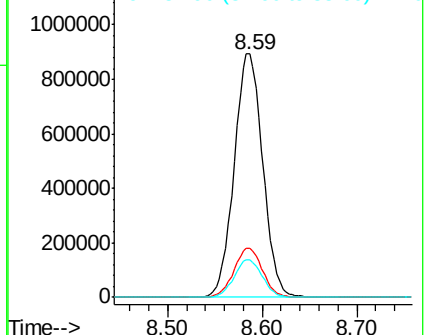
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052646.D
 Acq: 4 Dec 2018 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBL01

Tgt Ion:114 Resp: 1875515
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.4 0.0 31.6

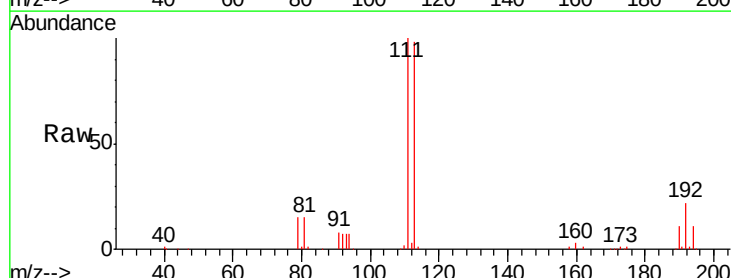


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

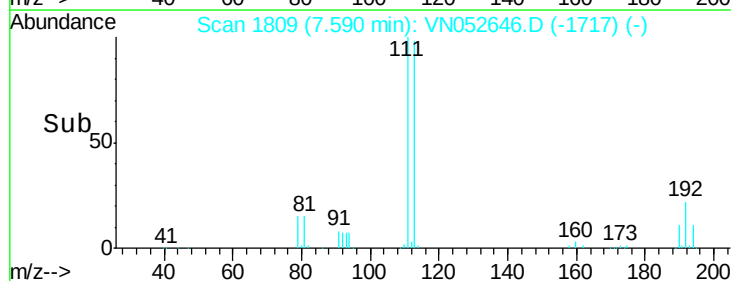
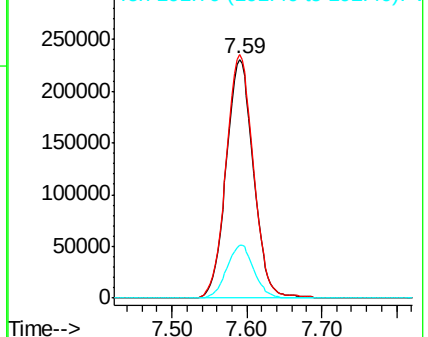


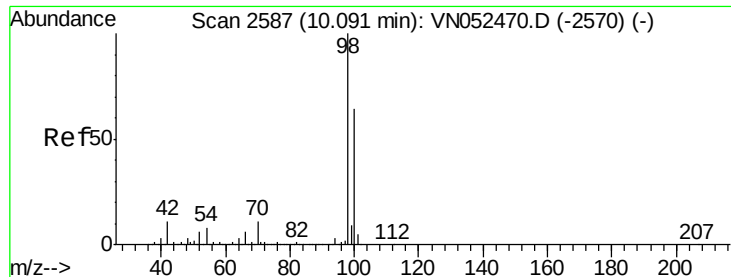
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052646.D
 Acq: 4 Dec 2018 11:25

Tgt Ion:113 Resp: 581907
 Ion Ratio Lower Upper
 113 100
 111 102.4 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: VN052646.D

Acq: 4 Dec 2018 11:25

Instrument :

MSVOA_N

ClientSampleId :

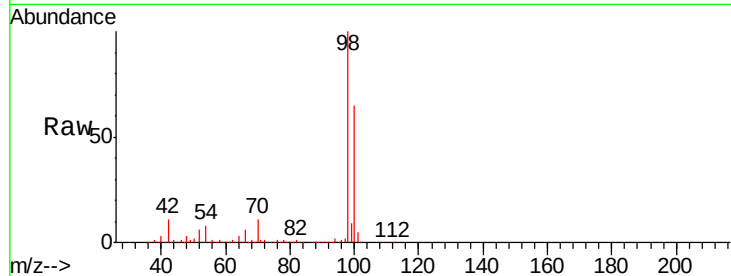
VN1204WBL01

Tgt Ion: 98 Resp: 2265630

Ion Ratio Lower Upper

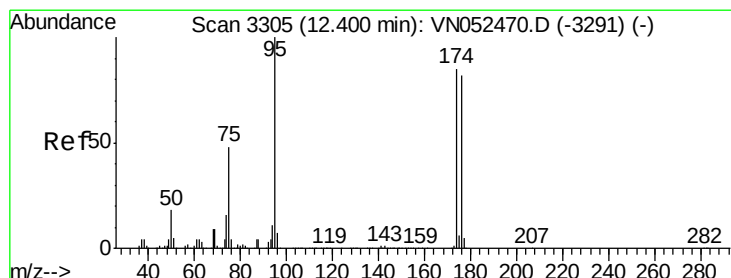
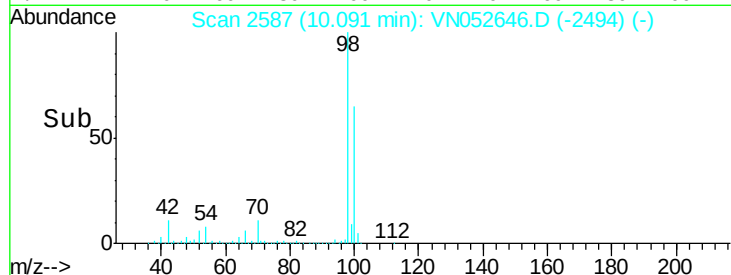
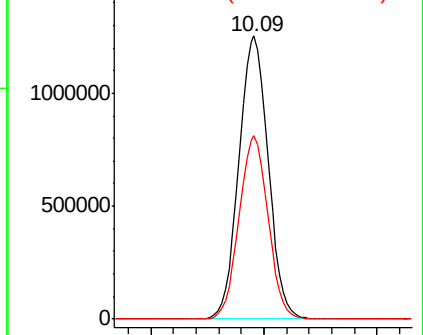
98 100

100 64.3 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: VN052646.D

Acq: 4 Dec 2018 11:25

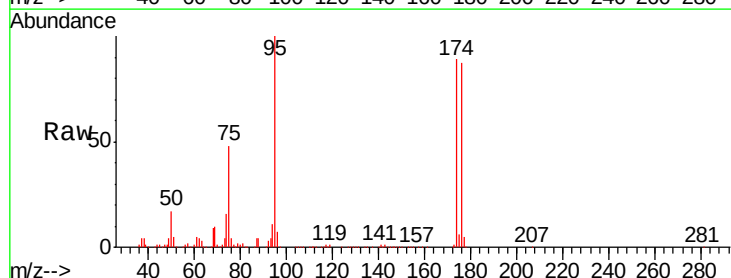
Tgt Ion: 95 Resp: 701221

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

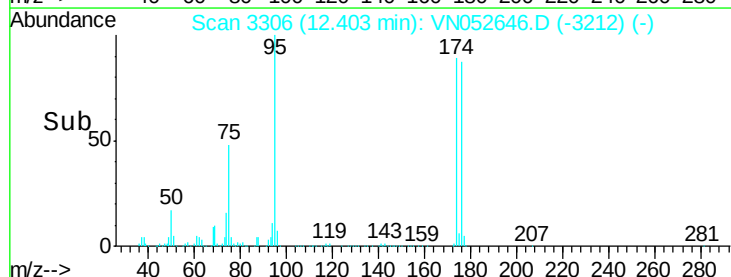
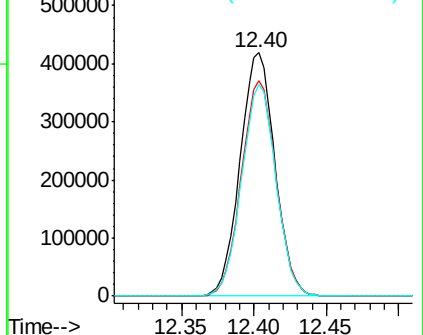
176 85.7 0.0 166.2

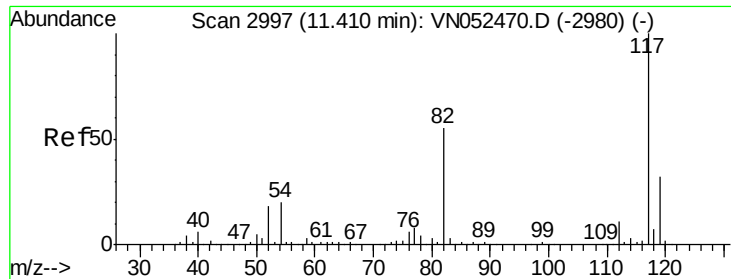


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

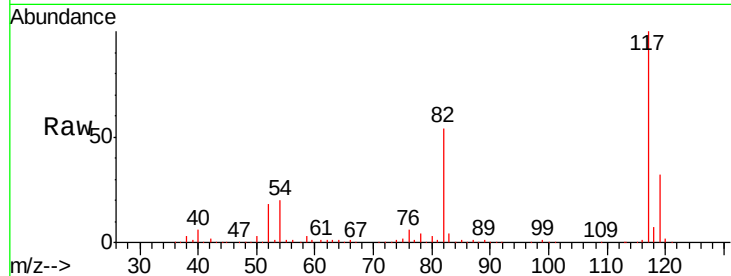




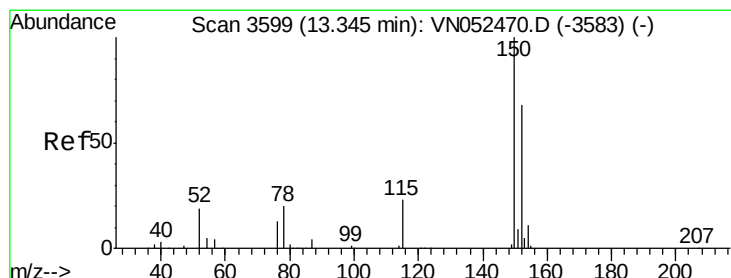
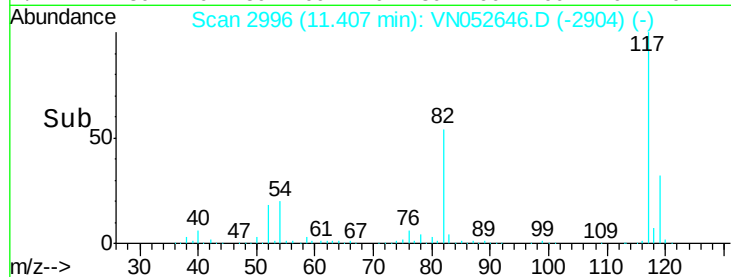
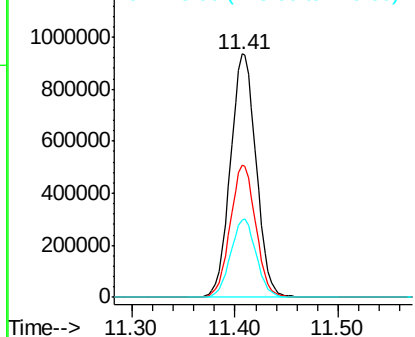
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN052646.D
 Acq: 4 Dec 2018 11:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN1204WBL01

Tgt Ion:117 Resp: 1622514
 Ion Ratio Lower Upper
 117 100
 82 54.5 43.6 65.4
 119 31.9 25.4 38.2

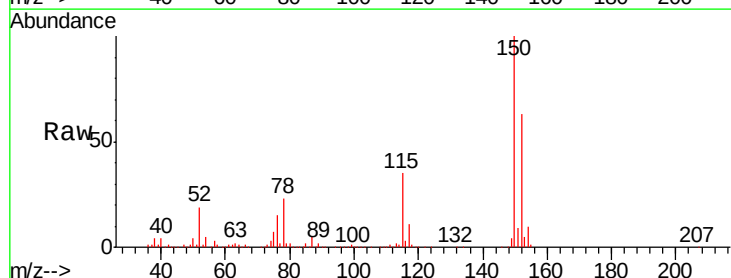


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VN0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN052646.D
 Acq: 4 Dec 2018 11:25

Tgt Ion:152 Resp: 593187
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.4 85.2
 150 158.7 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

