

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052792.D
 Acq On : 11 Dec 2018 10:16
 Operator : MD\SY
 Sample : VN1211WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBL01

Quant Time: Dec 12 00:40:25 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	1227980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1898089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1646531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	627847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	623466	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	7.59	113	539098	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	10.09	98	2282607	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	712626	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

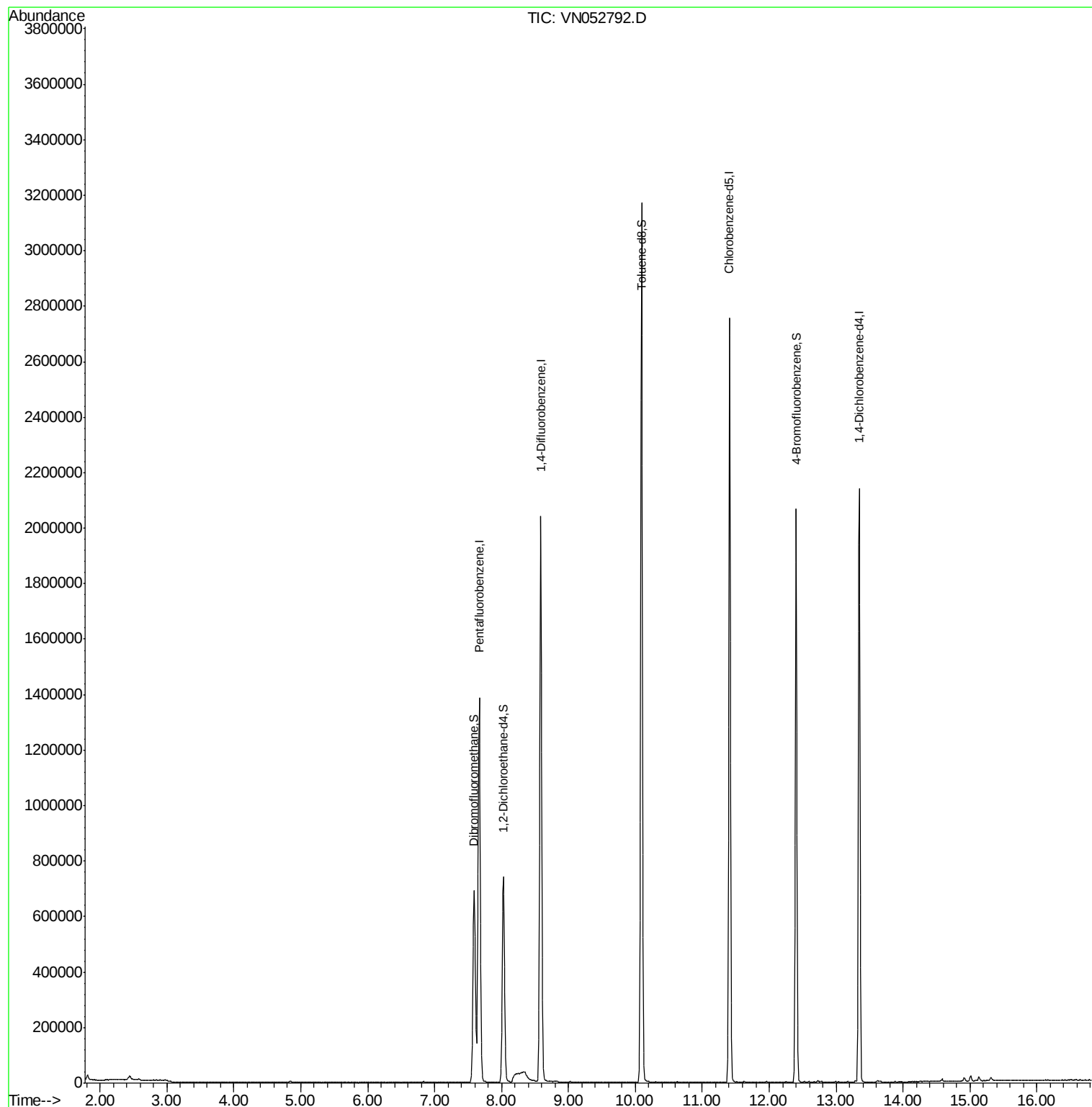
Target Compounds	Qvalue

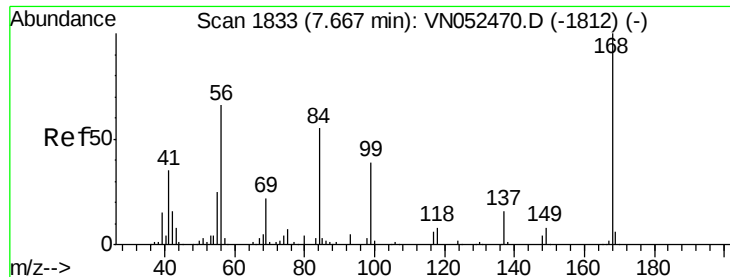
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052792.D

Acq: 11 Dec 2018 10:16

Instrument :

MSVOA_N

ClientSampleId :

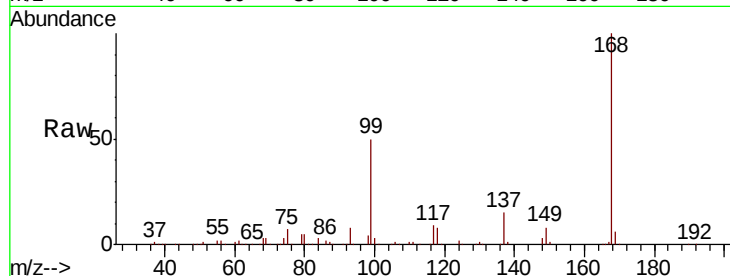
VN1211WBL01

Tot Ion:168 Resp: 1227980

Ion Ratio Lower Upper

168 100

99 50.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

600000

500000

400000

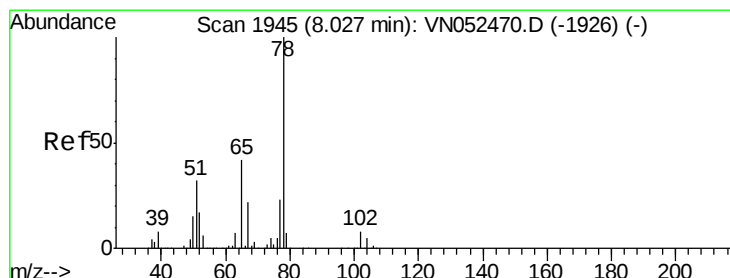
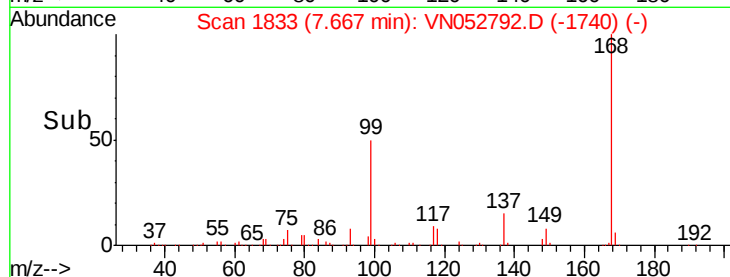
300000

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: VN052792.D

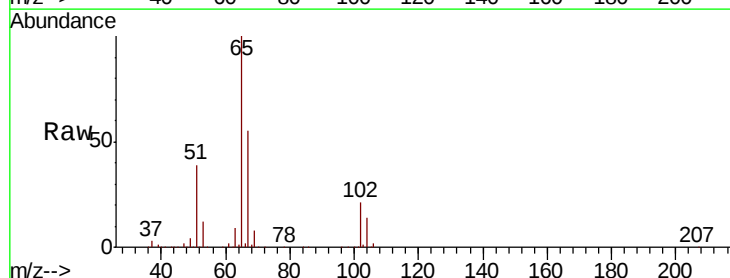
Acq: 11 Dec 2018 10:16

Tgt Ion: 65 Resp: 623466

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052470.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052470.D (-1926) (-)

8.03

300000

250000

200000

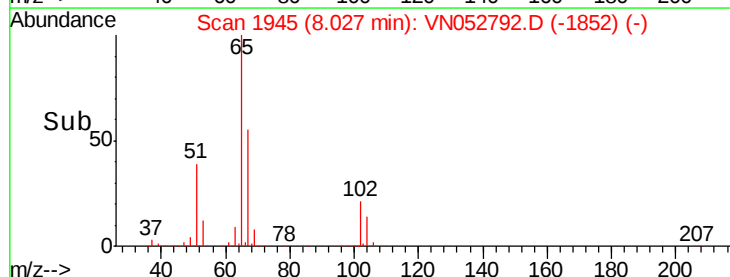
150000

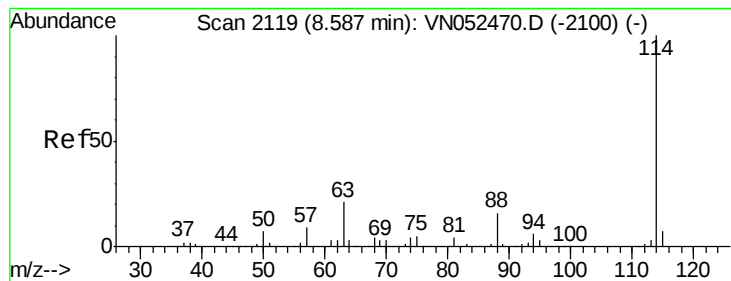
100000

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: VN052792.D

Acq: 11 Dec 2018 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBL01

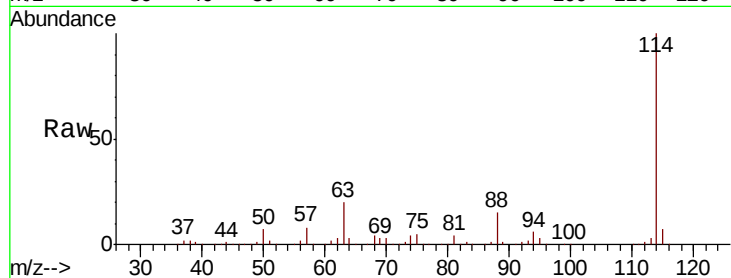
Tot Ion:114 Resp: 1898089

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.8

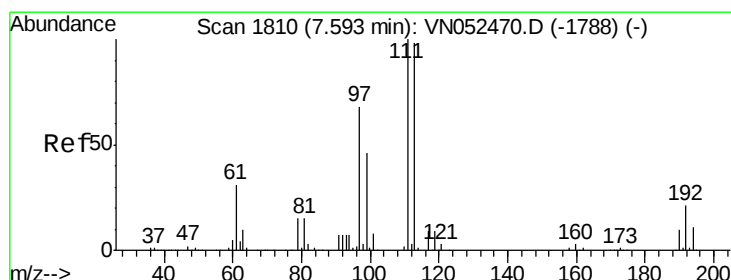
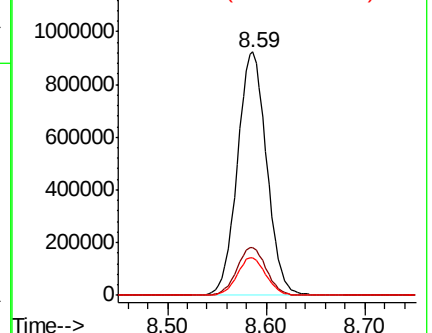
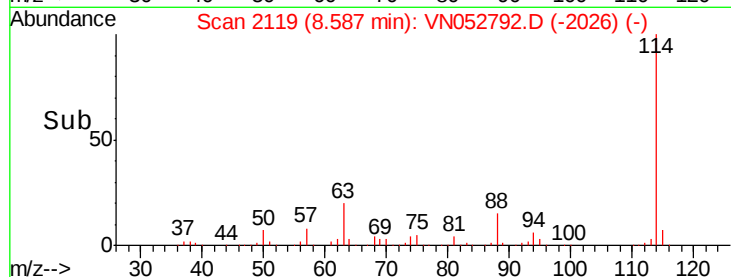
88 15.4 0.0 31.6



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: VN052792.D

Acq: 11 Dec 2018 10:16

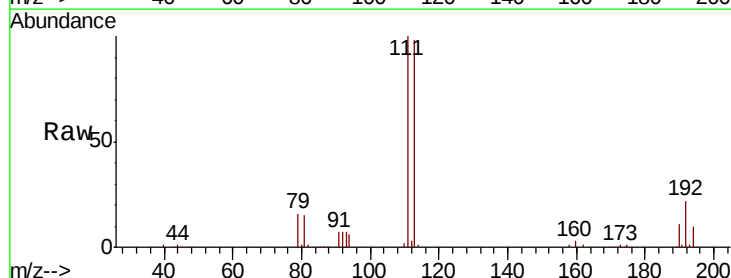
Tgt Ion:113 Resp: 539098

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

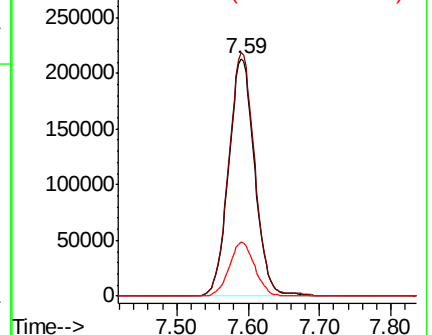
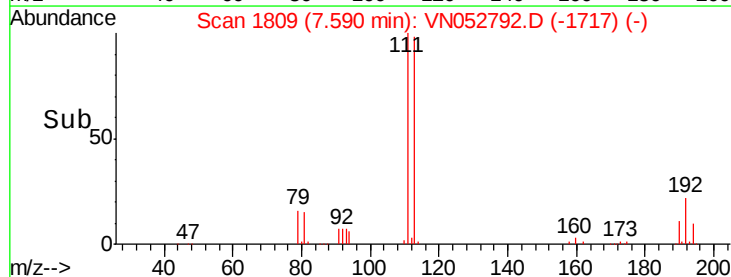
192 22.4 17.0 25.6

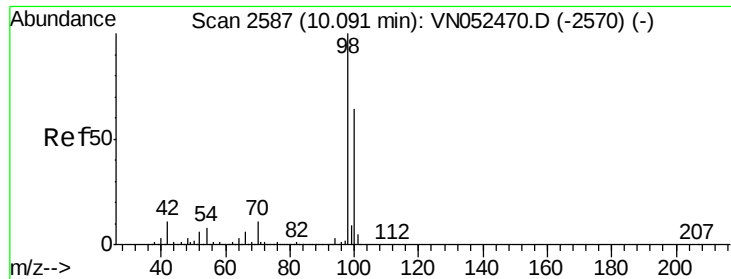


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052792.D

Acq: 11 Dec 2018 10:16

Instrument :

MSVOA_N

ClientSampleId :

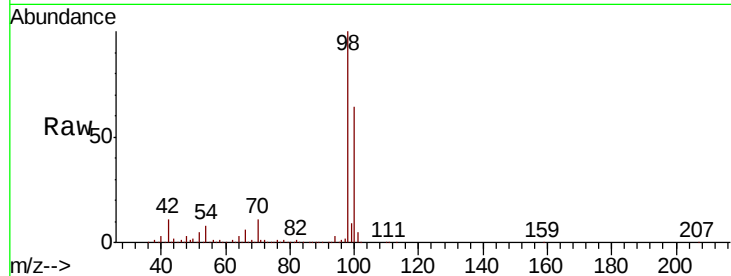
VN1211WBL01

Tot Ion: 98 Resp: 2282607

Ion Ratio Lower Upper

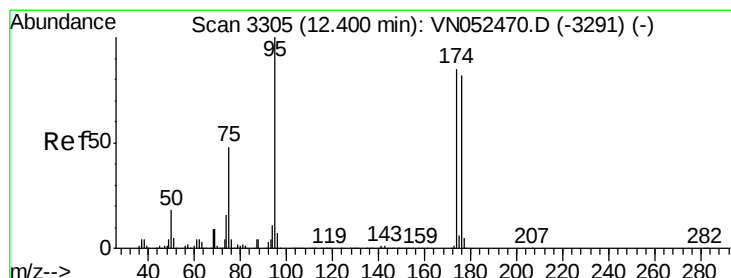
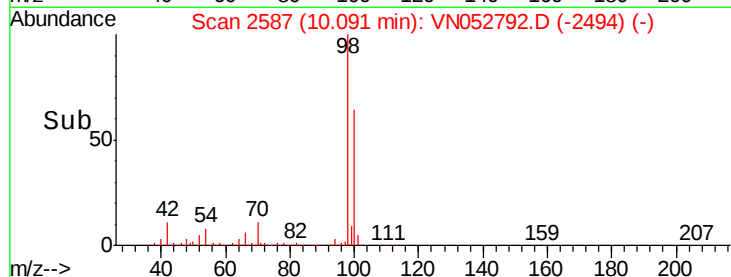
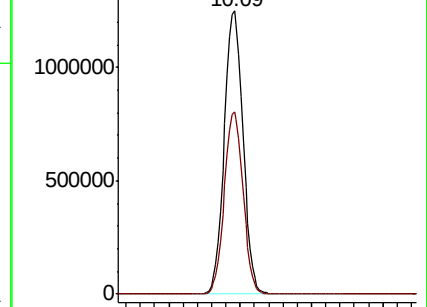
98 100

100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052792.D

Acq: 11 Dec 2018 10:16

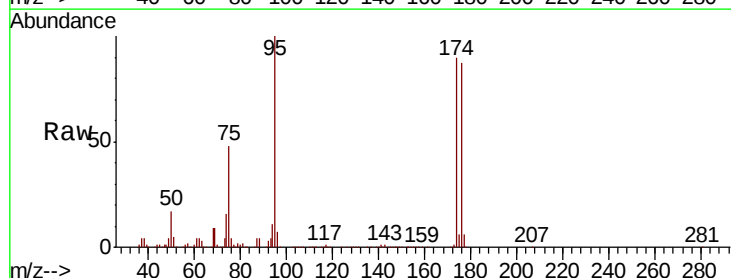
Tgt Ion: 95 Resp: 712626

Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.0

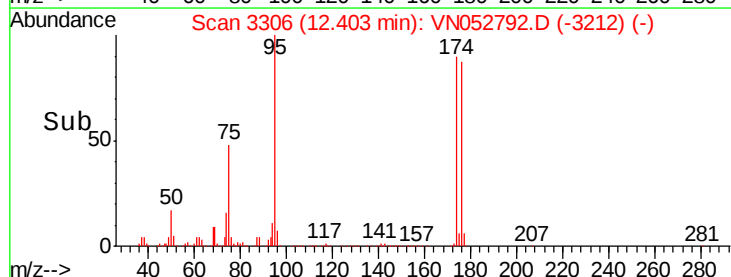
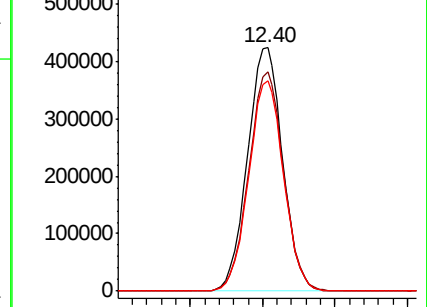
176 86.1 0.0 166.2

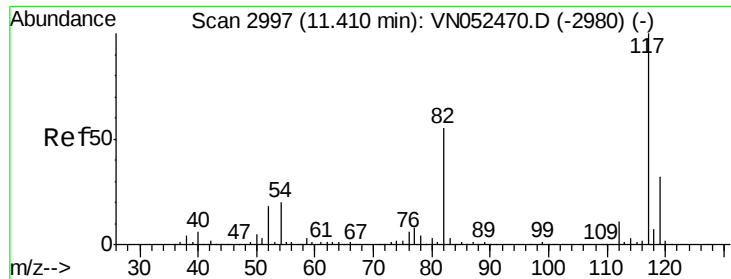


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

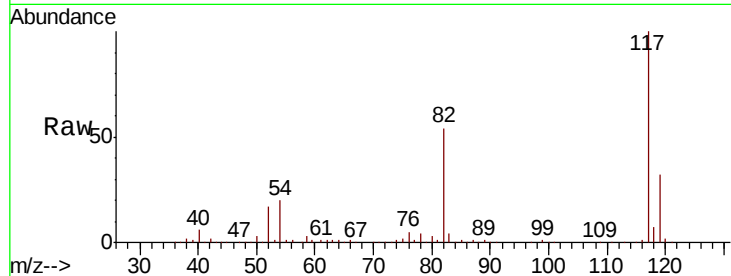




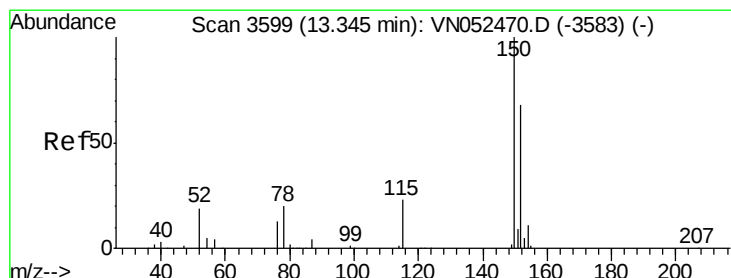
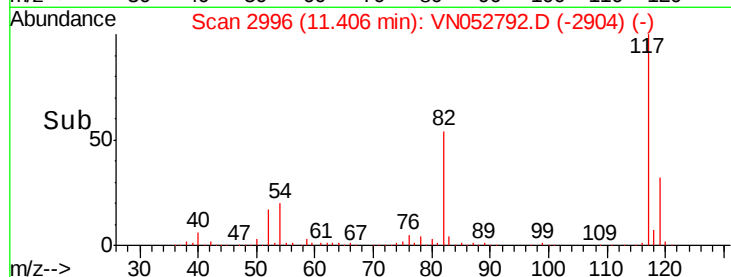
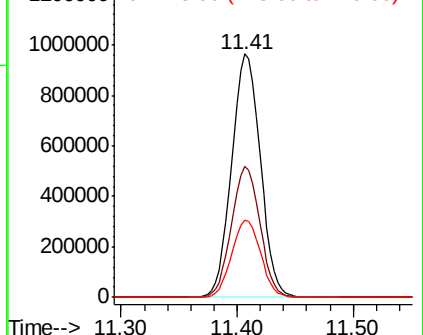
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052792.D
Acq: 11 Dec 2018 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBL01

Tot Ion:117 Resp: 1646531
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 31.8 25.4 38.2

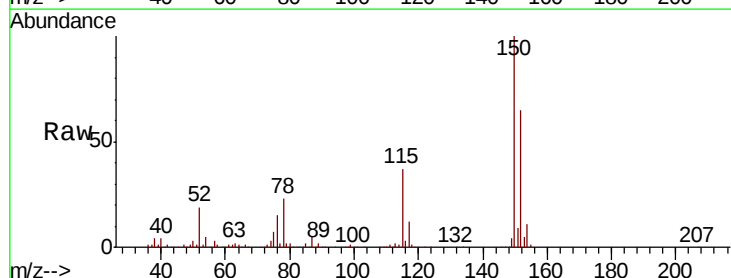


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052792.D
Acq: 11 Dec 2018 10:16

Tgt Ion:152 Resp: 627847
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 156.1 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

