

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051724.D
 Acq On : 8 Oct 2018 10:27
 Operator : MD\SY
 Sample : J5248-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 N48971

Quant Time: Oct 09 13:59:26 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	768202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1087727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	938624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452953	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	7.59	113	409069	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.09	98	1527341	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.40	95	422578	38.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.10%	

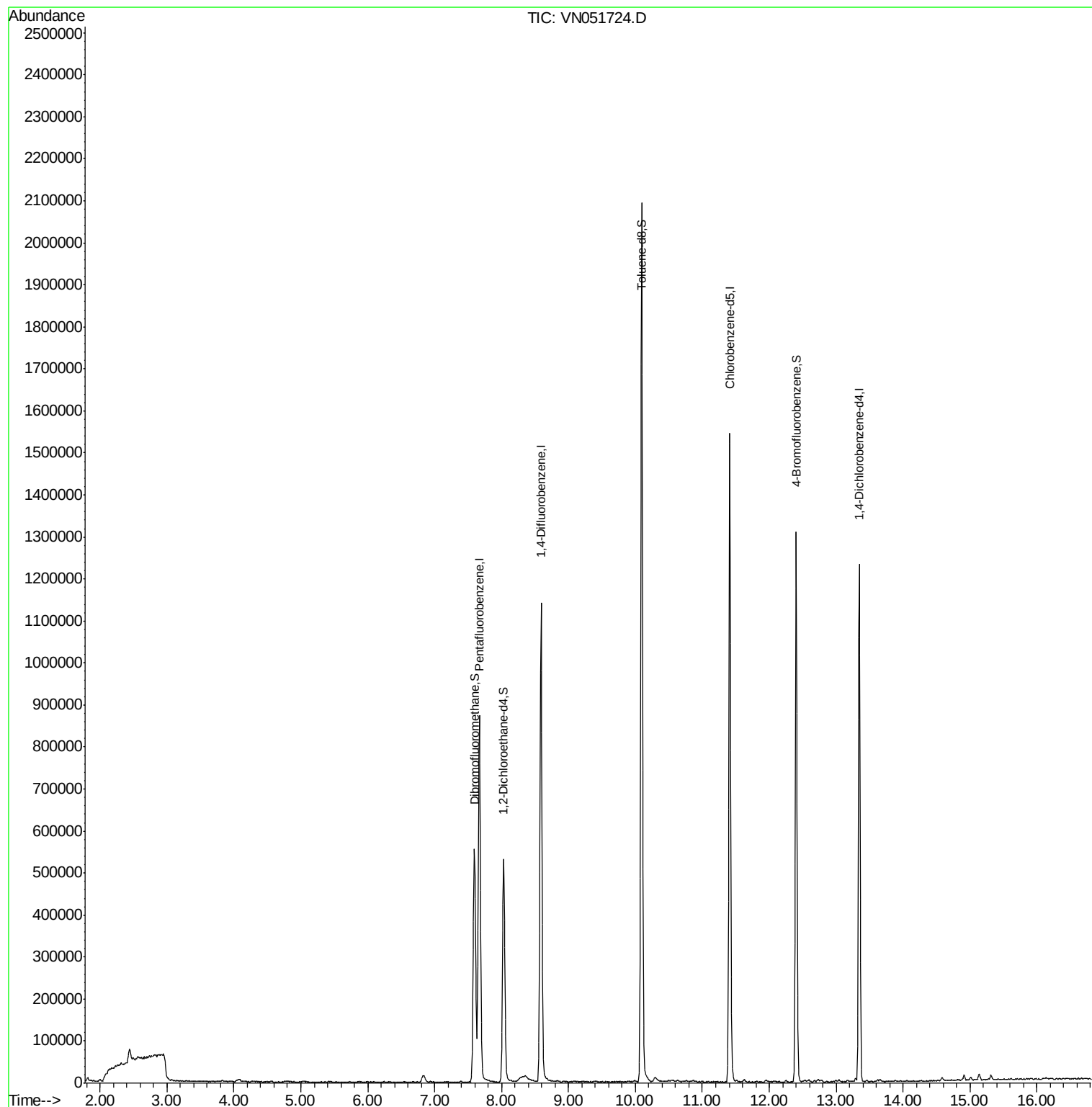
Target Compounds	Qvalue

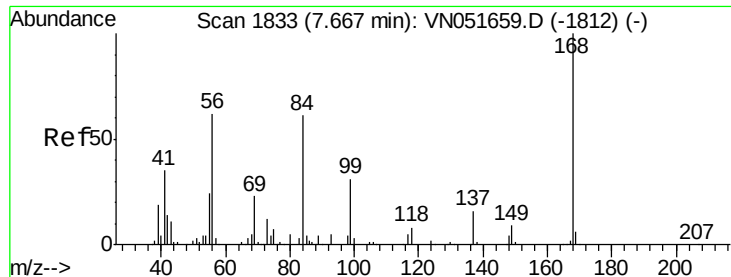
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051724.D

Acq: 8 Oct 2018 10:27

Instrument :

MSVOA_N

ClientSampled :

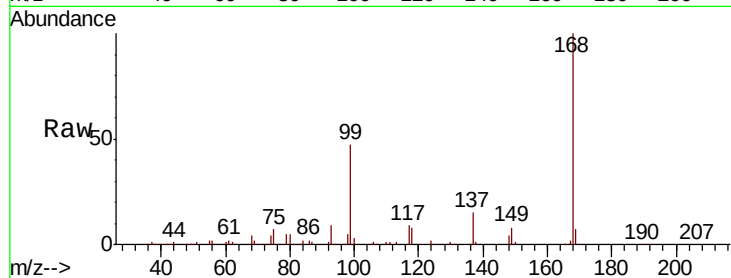
N48971

Tot Ion:168 Resp: 768202

Ion Ratio Lower Upper

168 100

99 47.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051659.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051659.D (-1812) (-)

7.67

300000

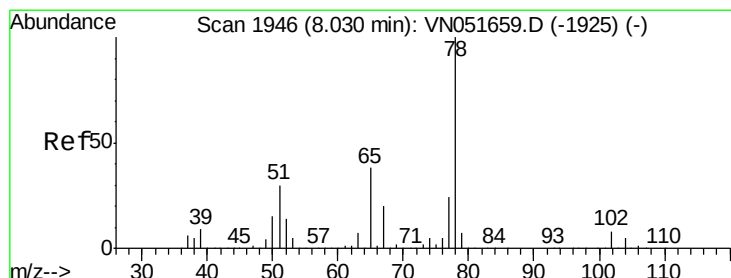
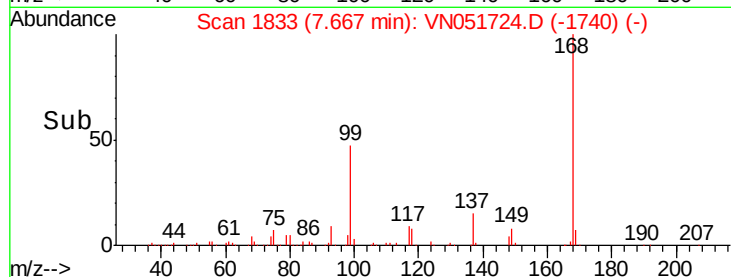
200000

100000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051724.D

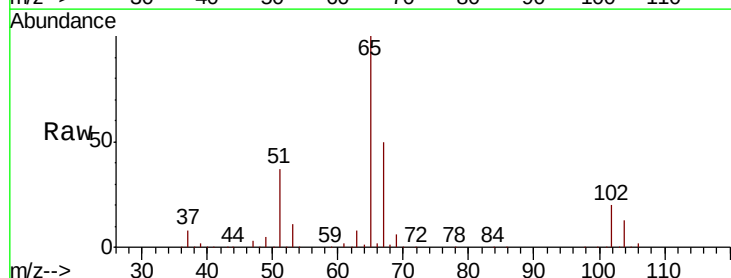
Acq: 8 Oct 2018 10:27

Tgt Ion: 65 Resp: 452953

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051659.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN051659.D (-1925) (-)

8.03

200000

150000

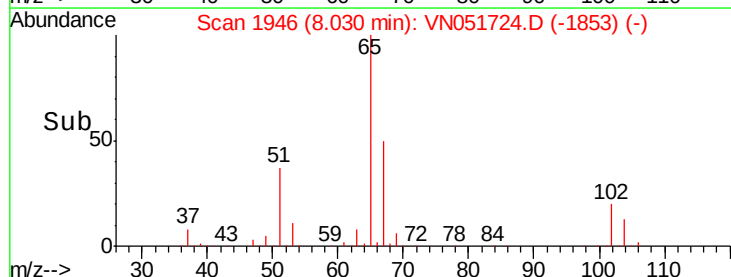
100000

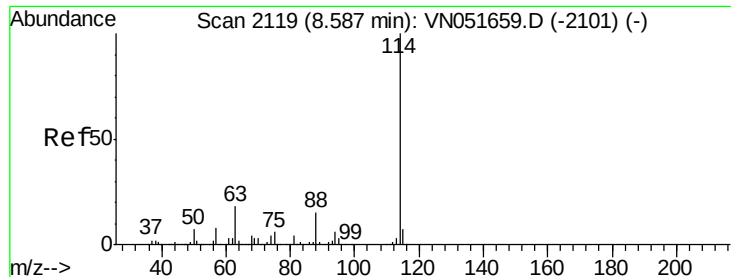
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051724.D

Acq: 8 Oct 2018 10:27

Instrument :

MSVOA_N

ClientSampleId :

N48971

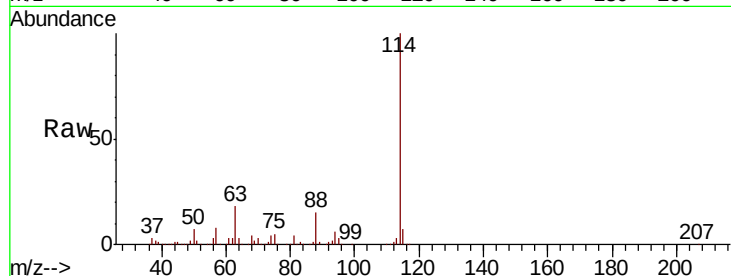
Tot Ion:114 Resp: 1087727

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

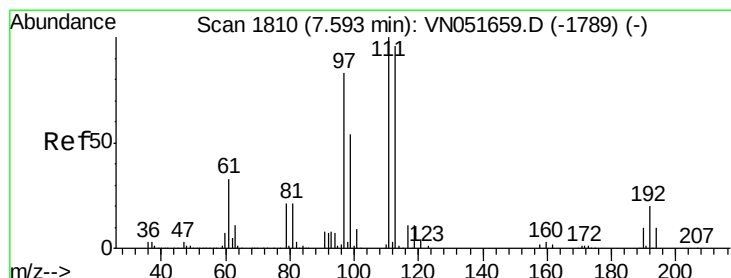
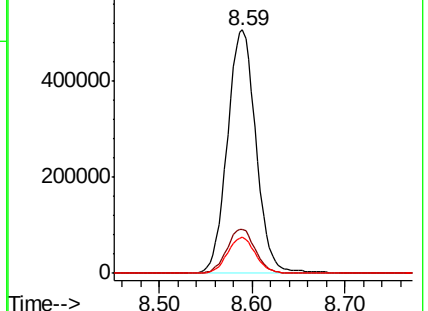
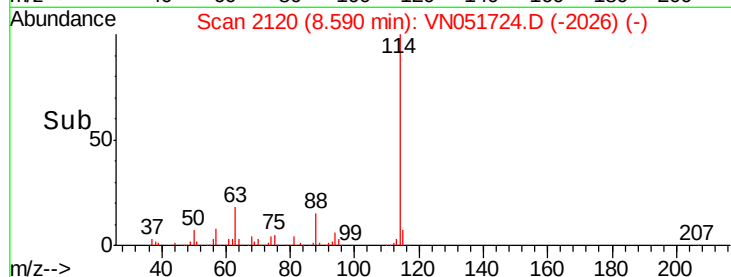
88 14.6 0.0 30.2



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: VN051724.D

Acq: 8 Oct 2018 10:27

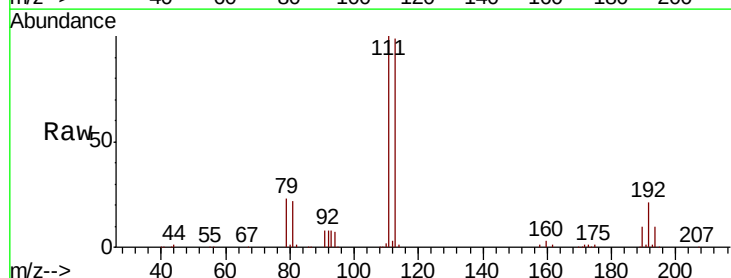
Tgt Ion:113 Resp: 409069

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

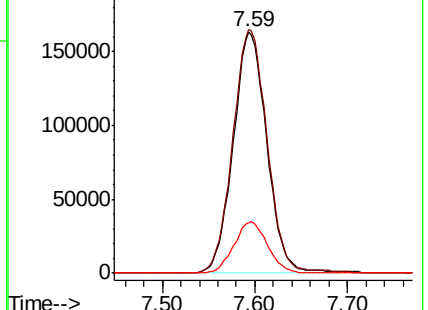
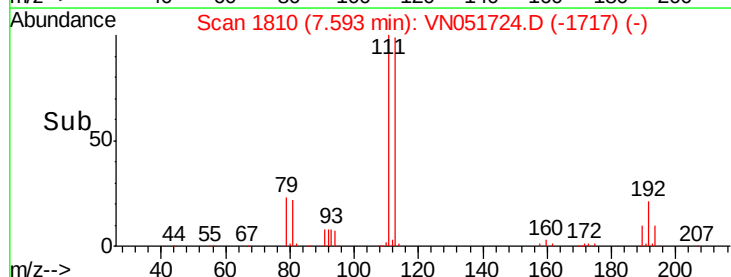
192 21.3 16.5 24.7

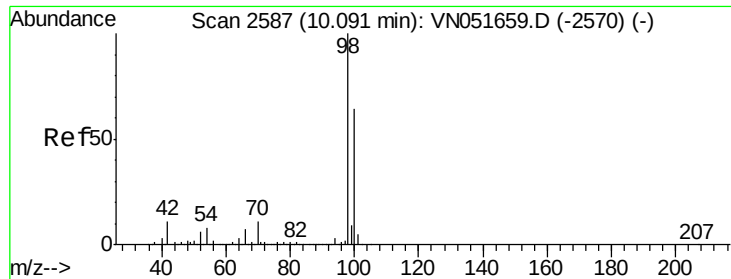


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

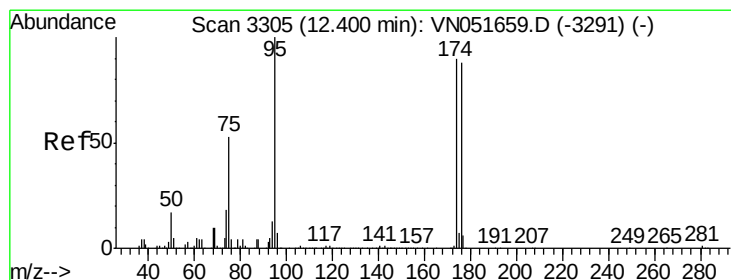
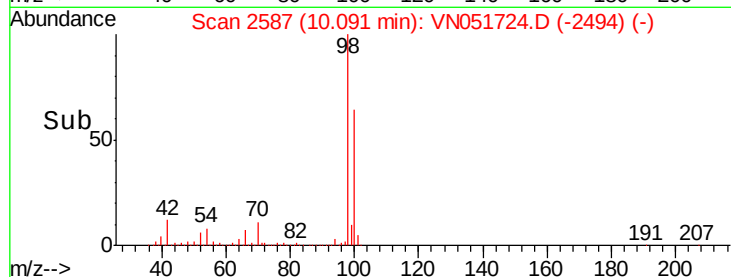
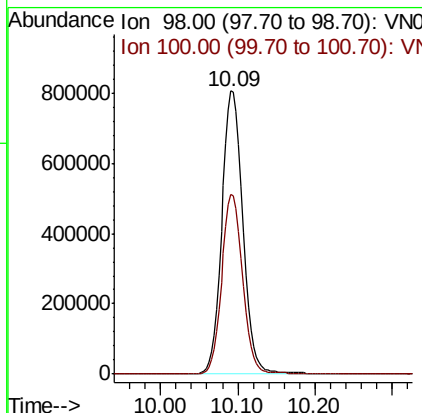
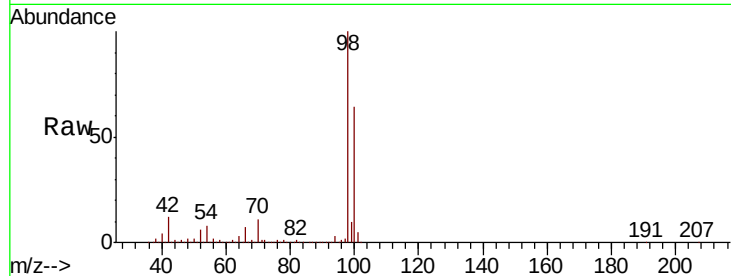




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051724.D
Acq: 8 Oct 2018 10:27

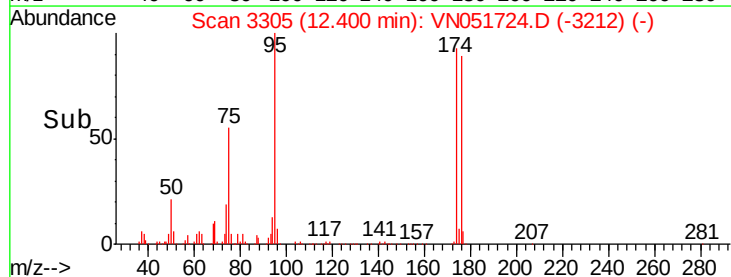
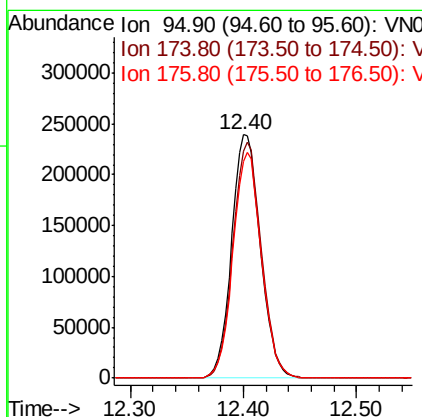
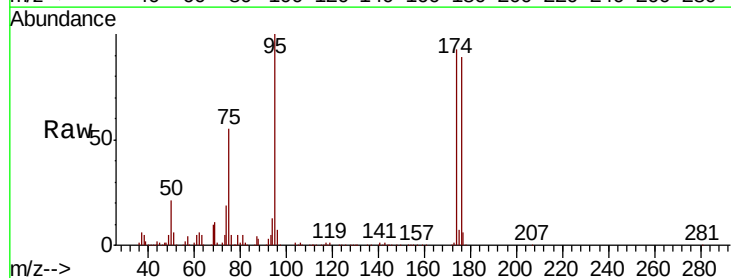
Instrument :
MSVOA_N
ClientSampleId :
N48971

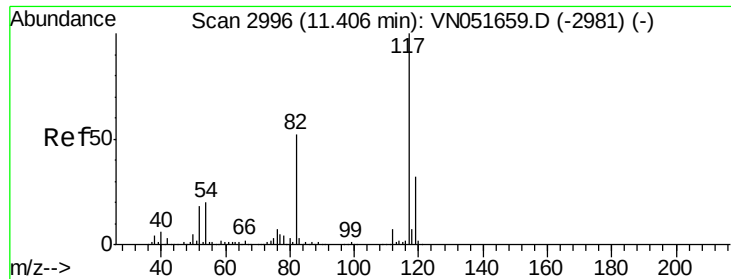
Tot Ion: 98 Resp: 1527341
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051724.D
Acq: 8 Oct 2018 10:27

Tgt Ion: 95 Resp: 422578
Ion Ratio Lower Upper
95 100
174 96.0 0.0 182.8
176 91.9 0.0 176.4

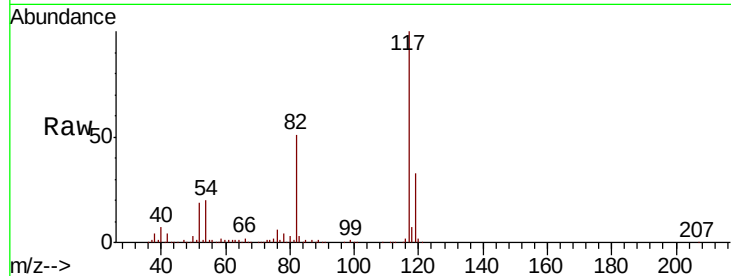




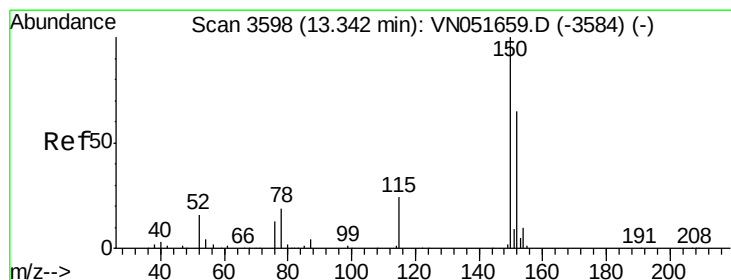
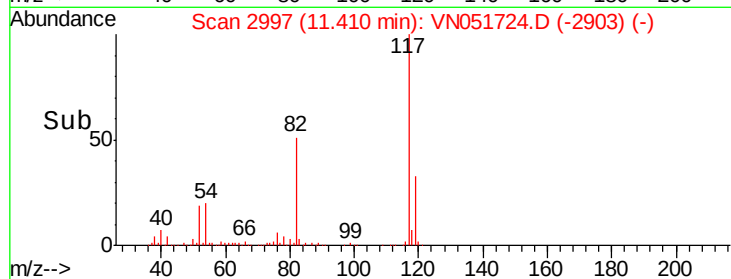
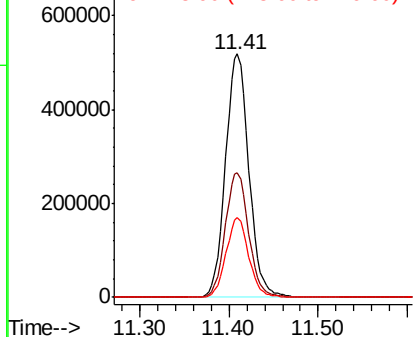
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051724.D
Acq: 8 Oct 2018 10:27

Instrument :
MSVOA_N
ClientSampleId :
N48971

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.3	61.9
119	32.8	25.9	38.9

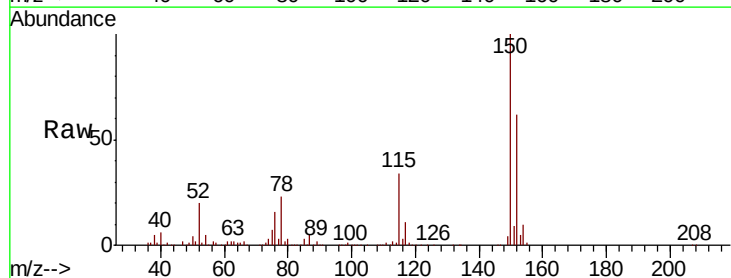


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051724.D
Acq: 8 Oct 2018 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.6	85.8
150	160.0	0.0	352.4



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

