

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052729.D
 Acq On : 7 Dec 2018 16:19
 Operator : MD\SY
 Sample : J6214-53
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-5

Quant Time: Dec 10 11:34:27 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

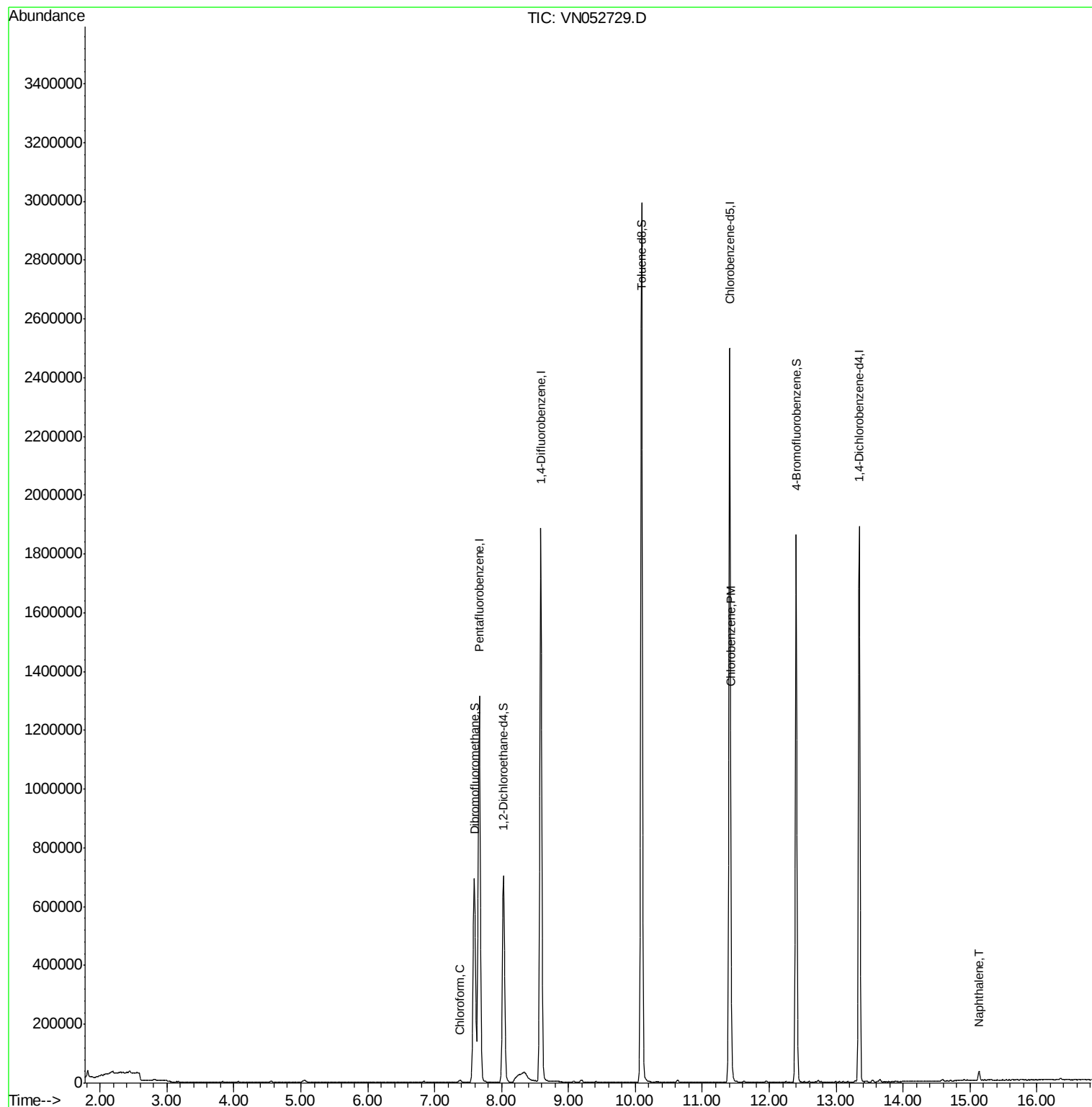
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1126336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1755427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1502729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	533451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	603059	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.59	113	546578	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.09	98	2119153	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	639590	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
30) Chloroform	7.38	83	10364	0.476	ug/l	91
65) Chlorobenzene	11.43	112	58704	1.895	ug/l	96
95) Naphthalene	15.14	128	28394	4.745	ug/l	98

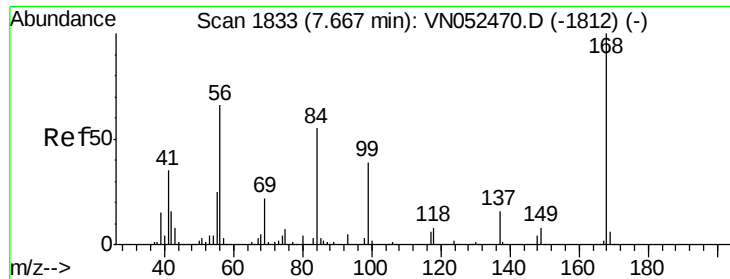
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052729.D

Acq: 7 Dec 2018 16:19

Instrument :

MSVOA_N

ClientSampled :

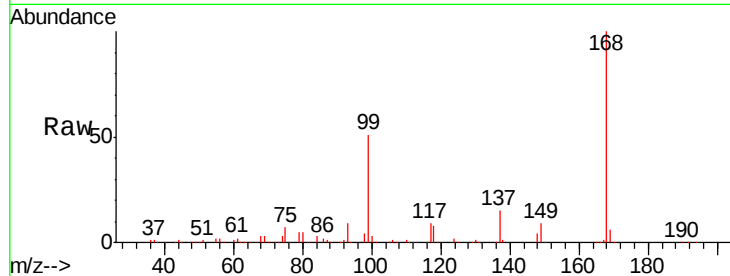
TW-5

Tgt Ion:168 Resp: 1126336

Ion Ratio Lower Upper

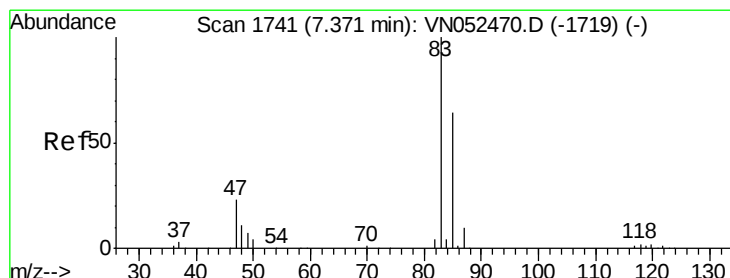
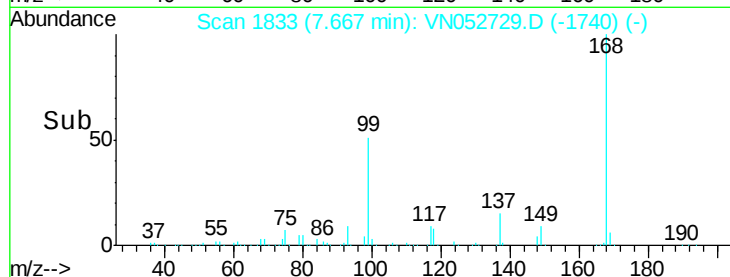
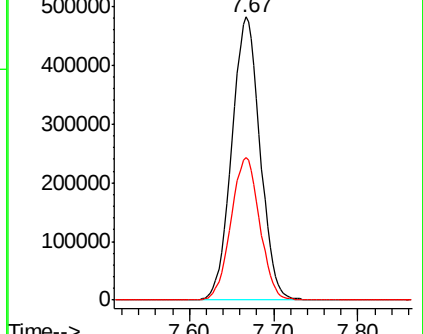
168 100

99 50.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#30

Chloroform

Concen: 0.476 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN052729.D

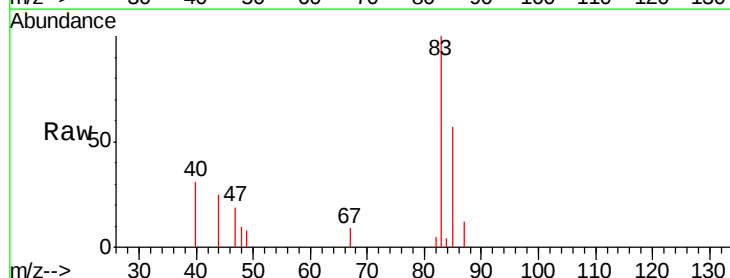
Acq: 7 Dec 2018 16:19

Tgt Ion: 83 Resp: 10364

Ion Ratio Lower Upper

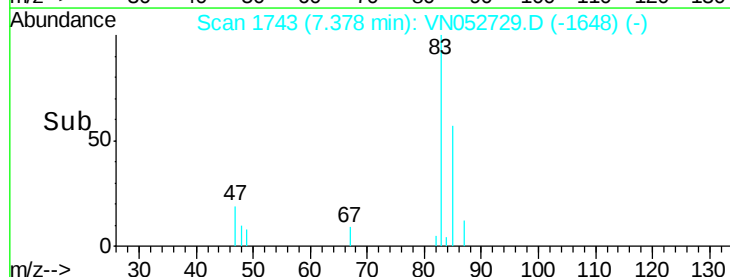
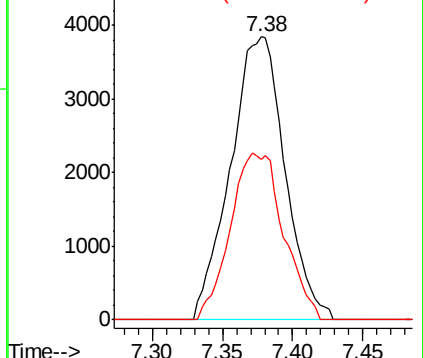
83 100

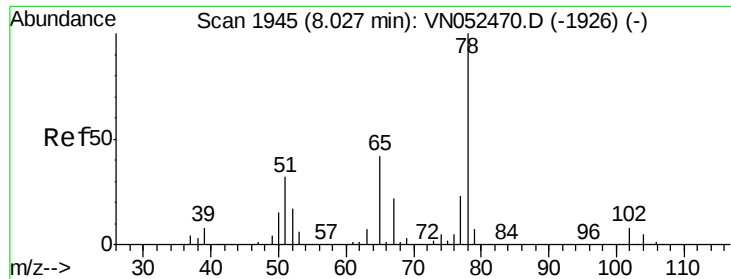
85 56.5 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

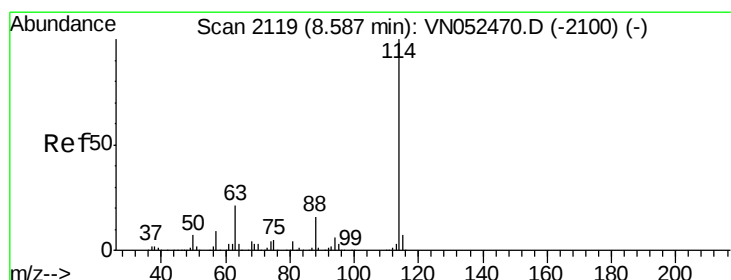
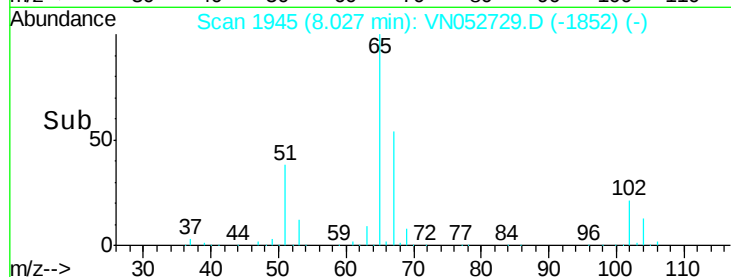
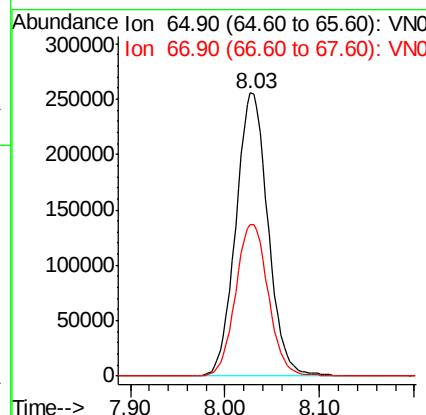
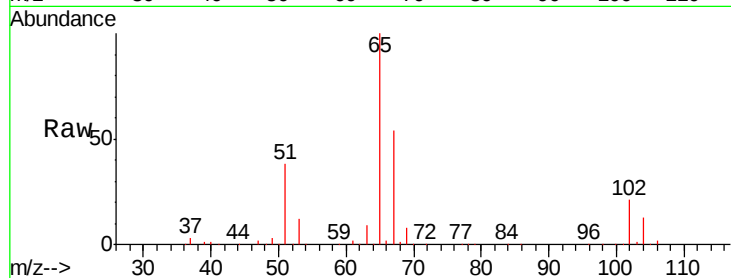




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052729.D
 Acq: 7 Dec 2018 16:19

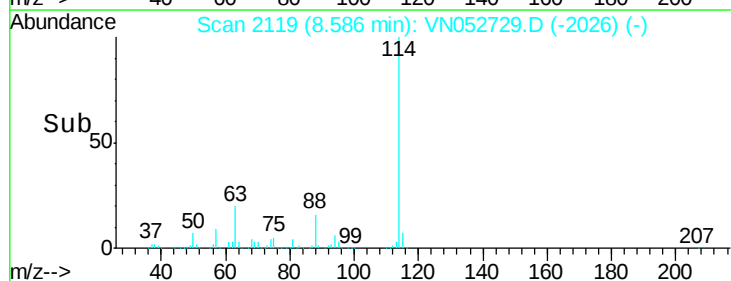
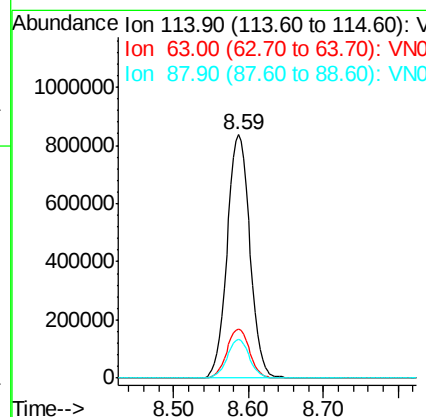
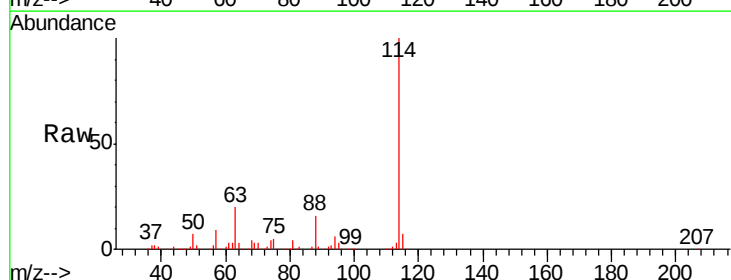
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-5

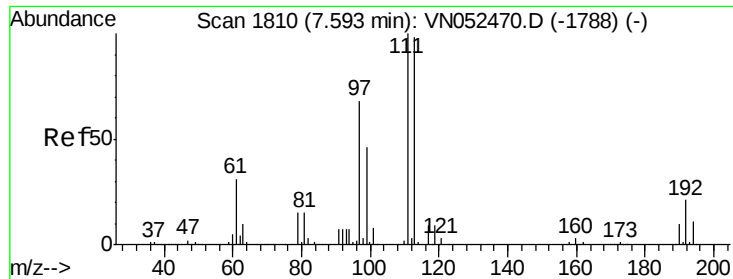
Tgt Ion: 65 Resp: 603059
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052729.D
 Acq: 7 Dec 2018 16:19

Tgt Ion: 114 Resp: 1755427
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.8 0.0 31.6

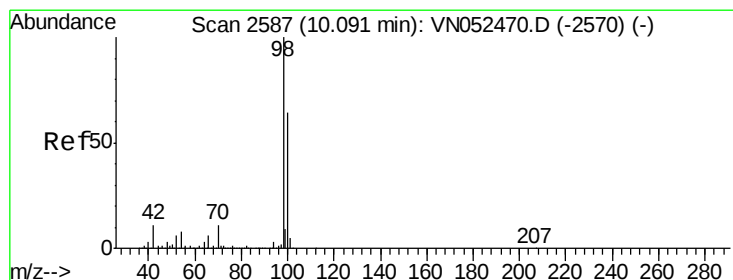
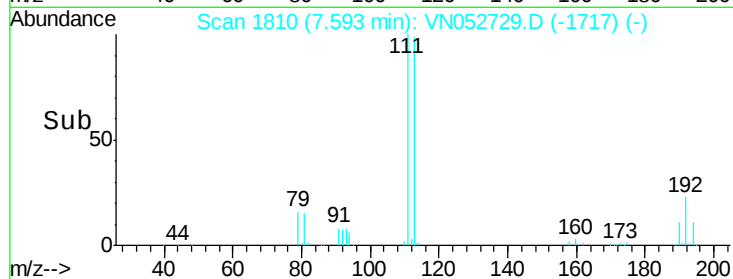
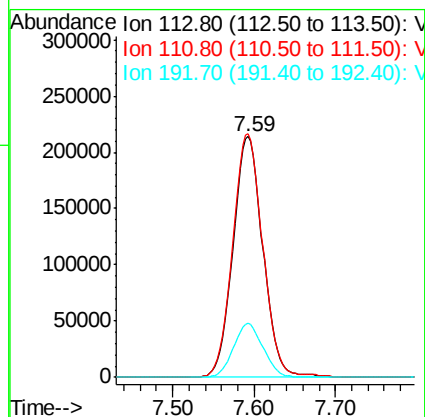
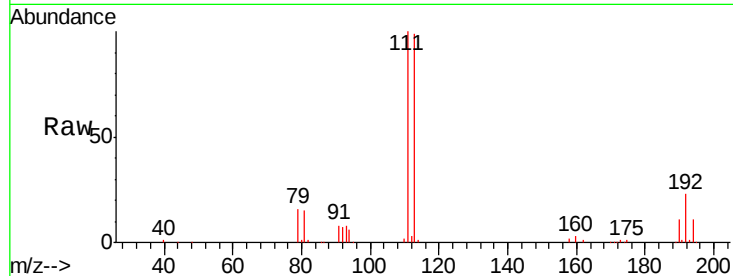




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052729.D
Acq: 7 Dec 2018 16:19

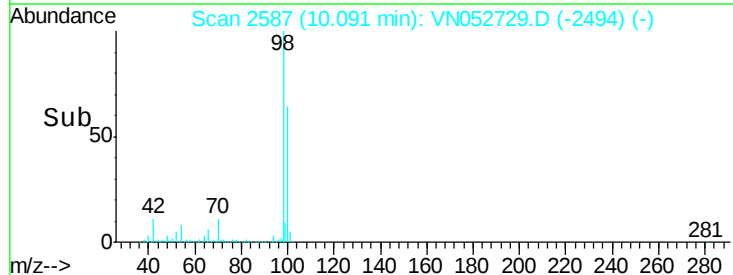
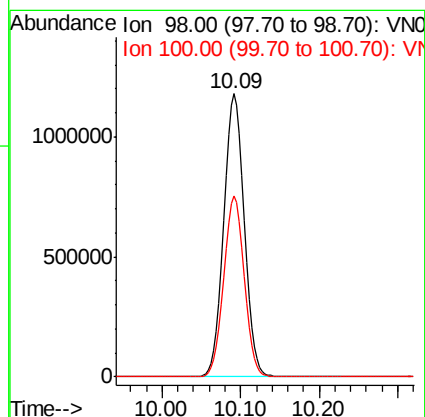
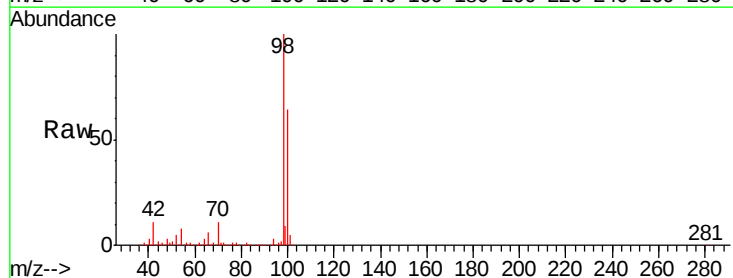
Instrument :
MSVOA_N
ClientSampleId :
TW-5

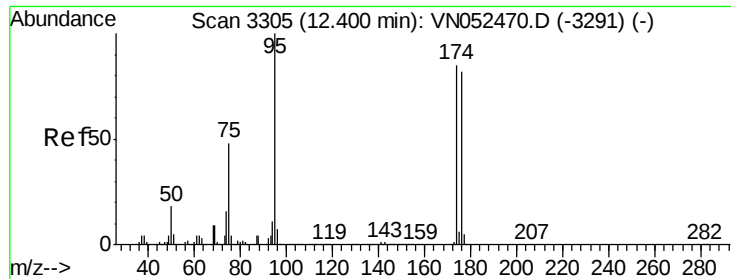
Tgt Ion:113 Resp: 546578
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 22.3 17.0 25.6



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052729.D
Acq: 7 Dec 2018 16:19

Tgt Ion: 98 Resp: 2119153
Ion Ratio Lower Upper
98 100
100 63.8 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: VN052729.D

Acq: 7 Dec 2018 16:19

Instrument :

MSVOA_N

ClientSampled :

TW-5

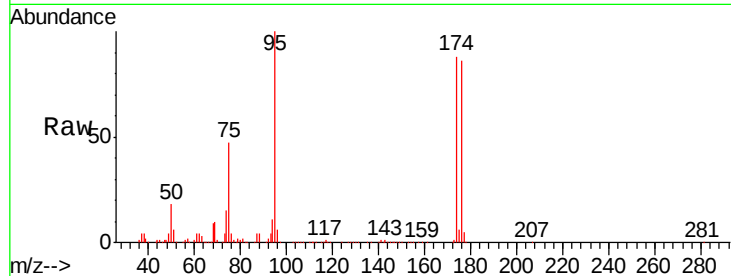
Tgt Ion: 95 Resp: 639590

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.0

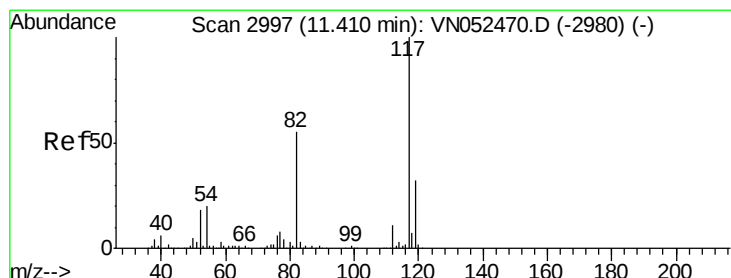
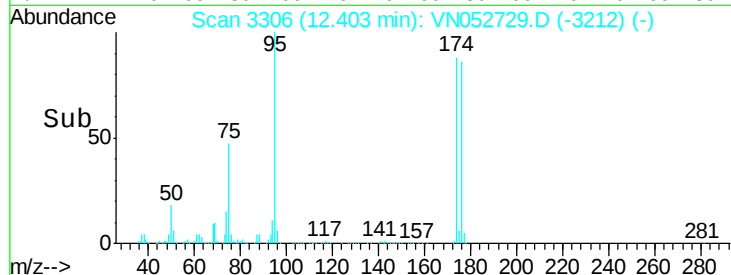
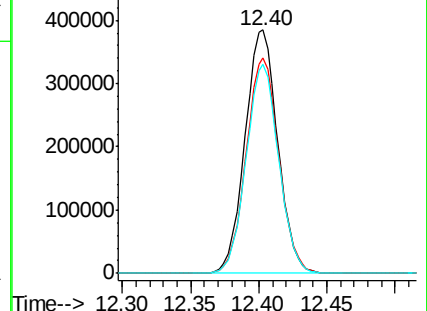
176 85.4 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052729.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052729.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052729.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052729.D

Acq: 7 Dec 2018 16:19

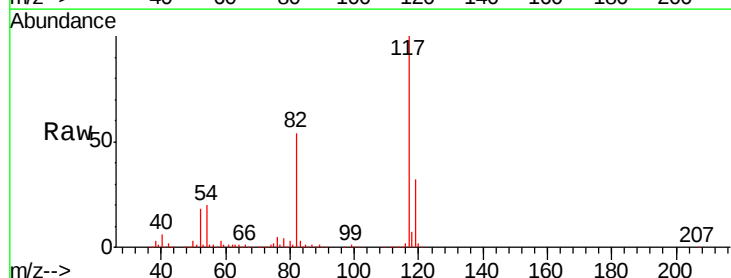
Tgt Ion: 117 Resp: 1502729

Ion Ratio Lower Upper

117 100

82 53.8 43.6 65.4

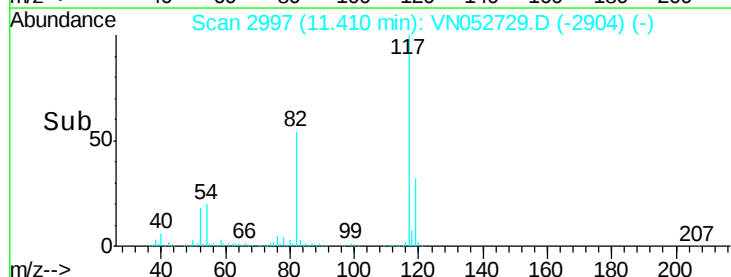
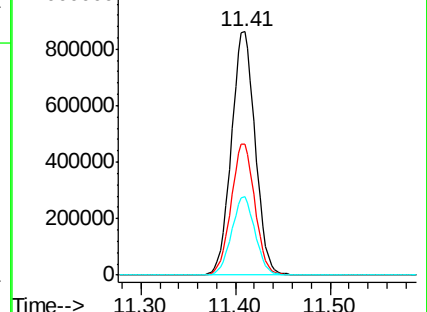
119 32.2 25.4 38.2

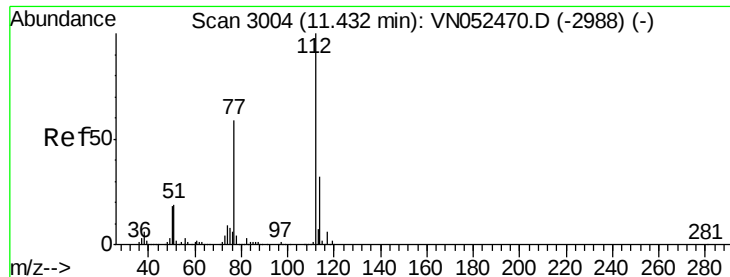


Abundance Ion 116.90 (116.60 to 117.60): VN052729.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN052729.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN052729.D (-2904) (-)





#65

Chlorobenzene

Concen: 1.895 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052729.D

Acq: 7 Dec 2018 16:19

Instrument :

MSVOA_N

ClientSampled :

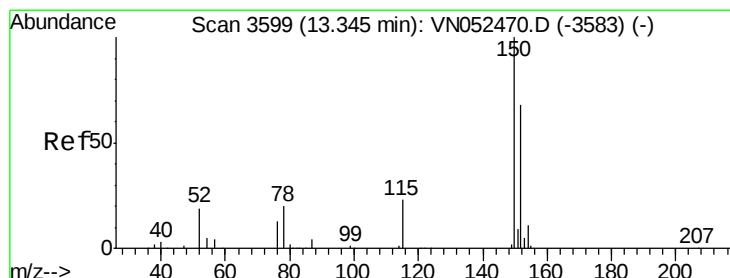
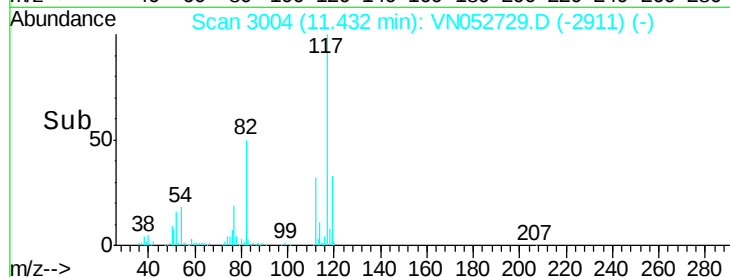
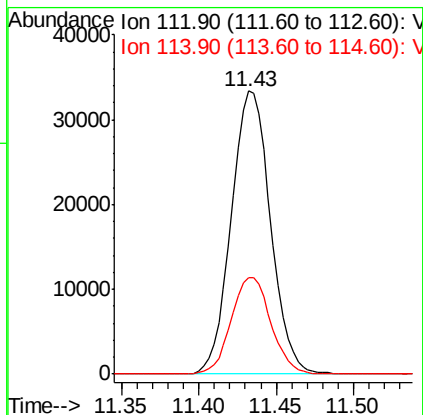
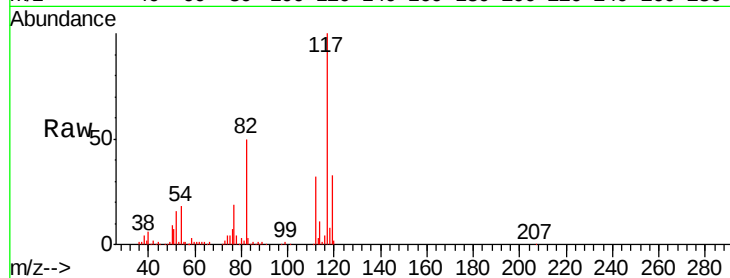
TW-5

Tgt Ion:112 Resp: 58704

Ion Ratio Lower Upper

112 100

114 34.3 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052729.D

Acq: 7 Dec 2018 16:19

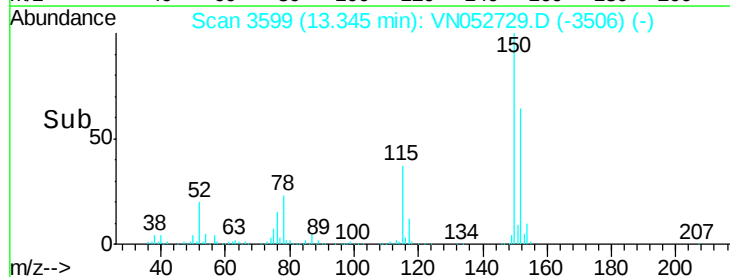
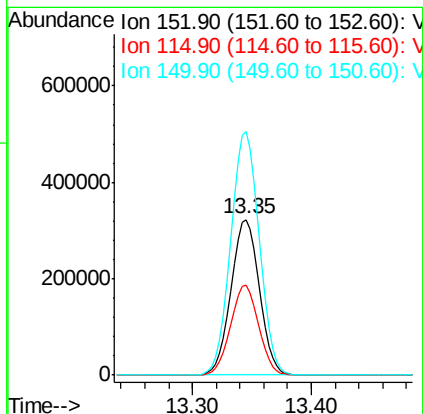
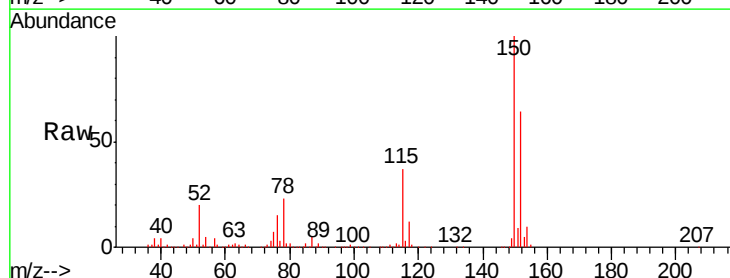
Tgt Ion:152 Resp: 533451

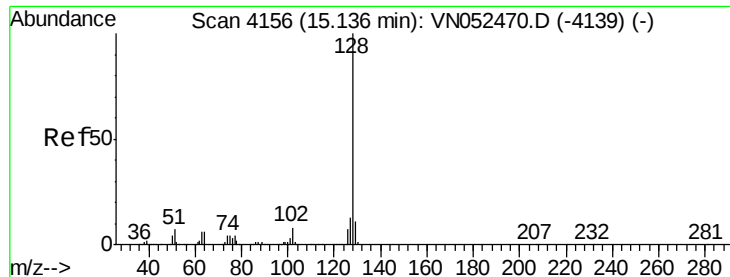
Ion Ratio Lower Upper

152 100

115 57.0 28.4 85.2

150 157.2 0.0 346.0





#95

Naphthalene

Concen: 4.745 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052729.D

Acq: 7 Dec 2018 16:19

Instrument :

MSVOA_N

ClientSampleId :

TW-5

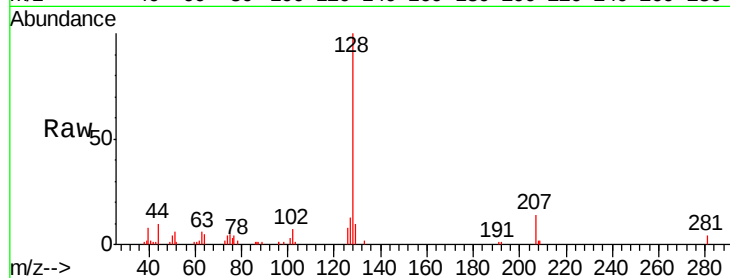
Tgt Ion:128 Resp: 28394

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

