

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053081.D
 Acq On : 21 Dec 2018 3:02
 Operator : MD\SY
 Sample : J6519-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-7-9.0-122018

Quant Time: Dec 21 07:17:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

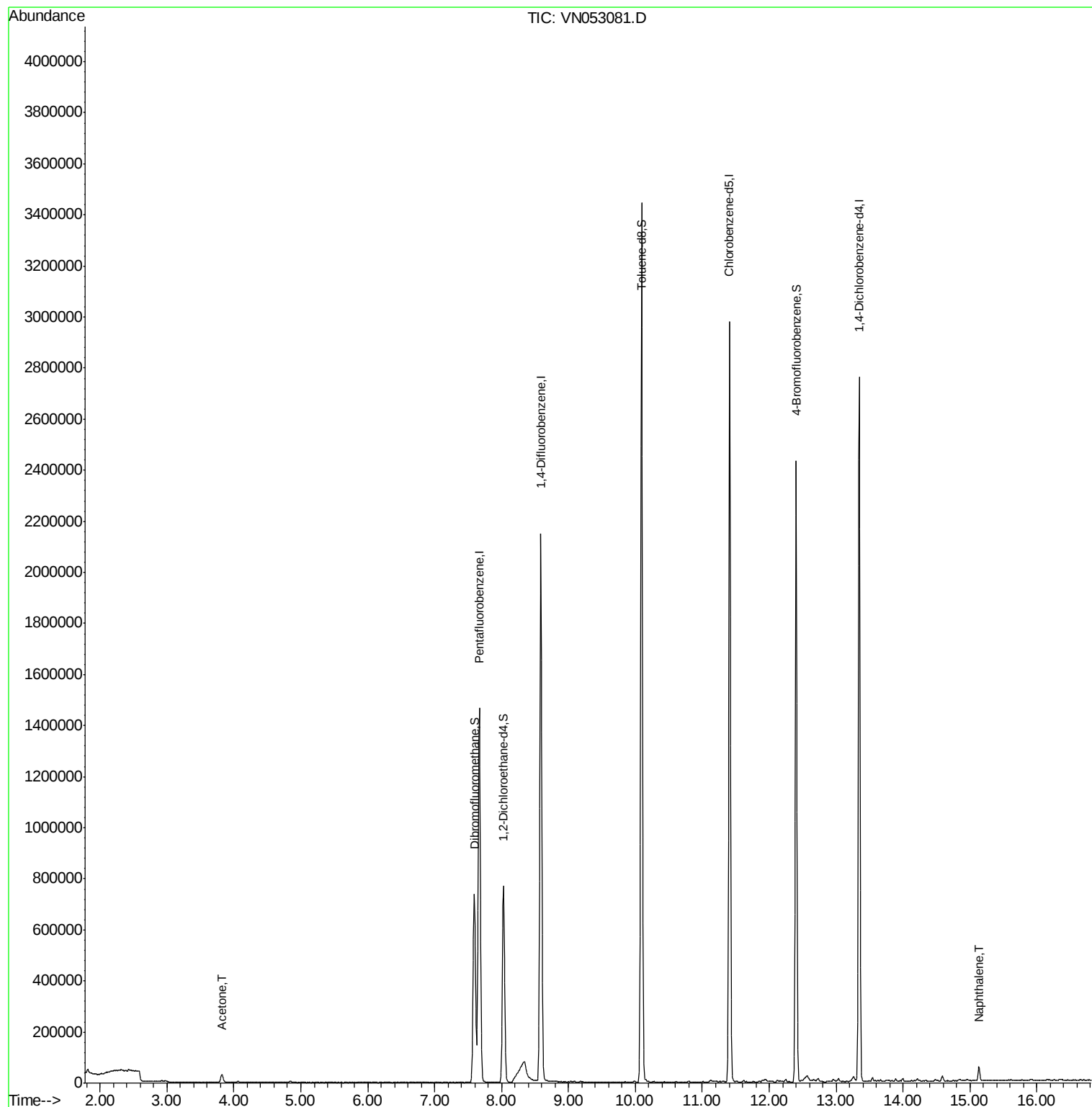
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1307848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2014021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1846206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	787556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	643420	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	576576	62.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.34%	
50) Toluene-d8	10.09	98	2462082	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	849514	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
16) Acetone	3.82	43	52945	20.346	ug/l	96
95) Naphthalene	15.13	128	48584	2.680	ug/l	99

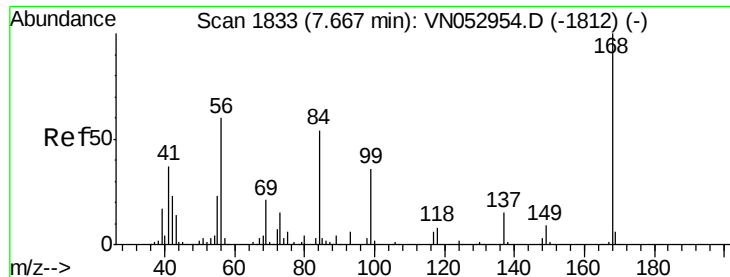
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053081.D

Acq: 21 Dec 2018 3:02

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MSVOA_N

ClientSampleId :

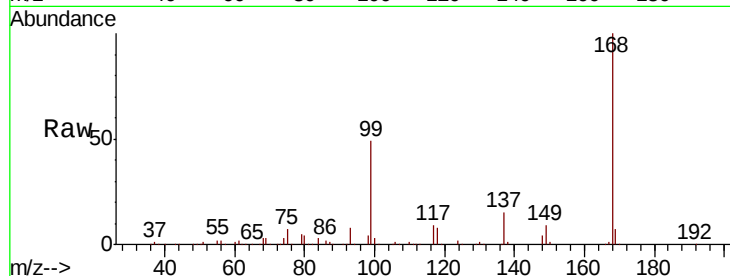
T11-MW-7-9.0-122018

Tot Ion:168 Resp: 1307848

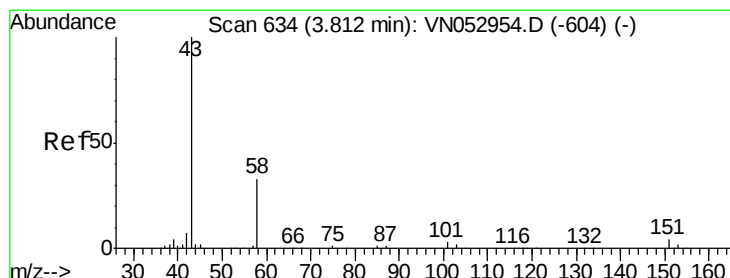
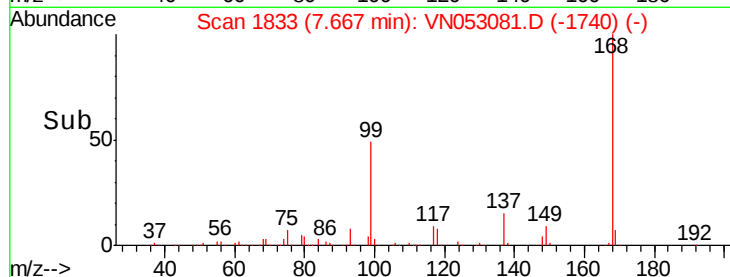
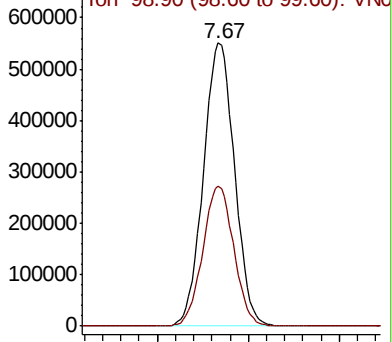
Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)



#16

Acetone

Concen: 20.346 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053081.D

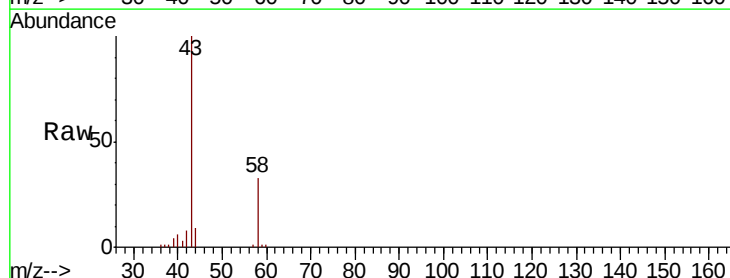
Acq: 21 Dec 2018 3:02

Tgt Ion: 43 Resp: 52945

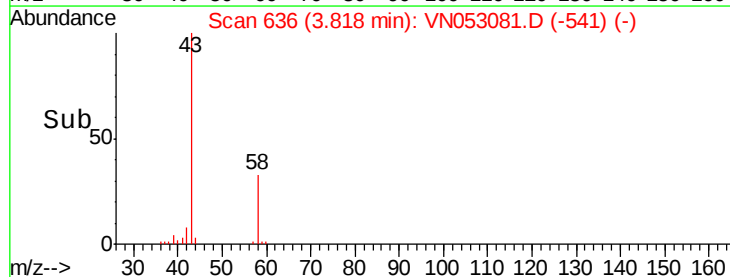
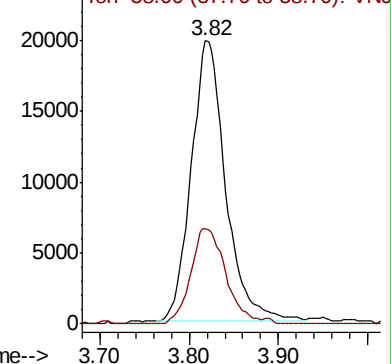
Ion Ratio Lower Upper

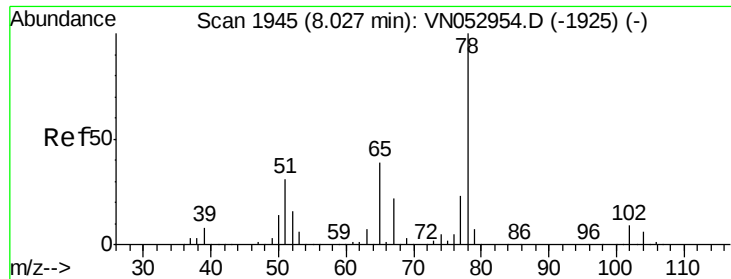
43 100

58 33.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

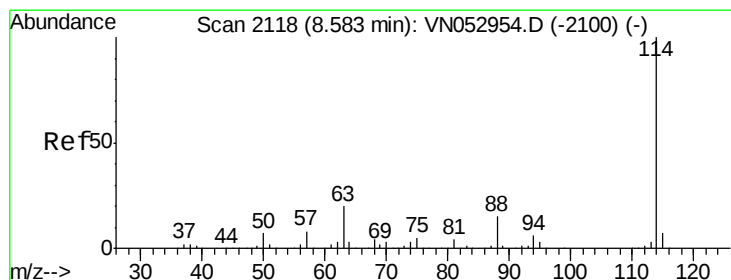
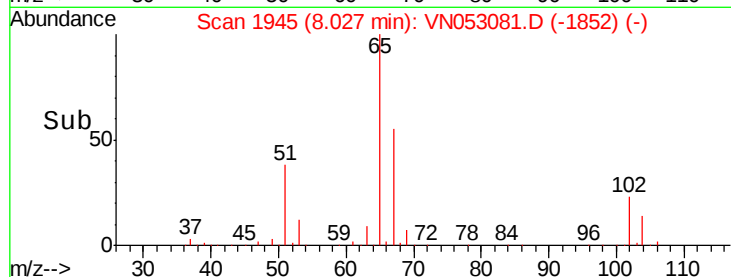
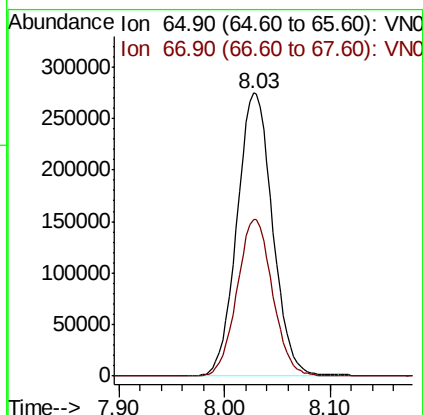
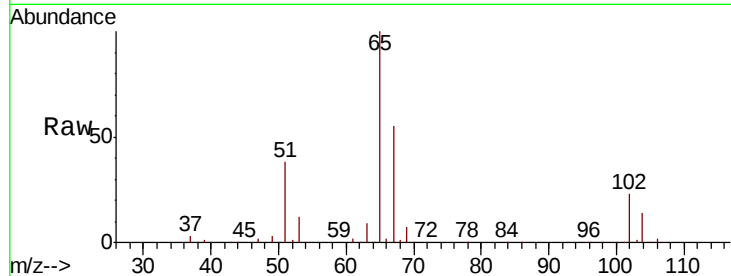




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053081.D
 Acq: 21 Dec 2018 3:02

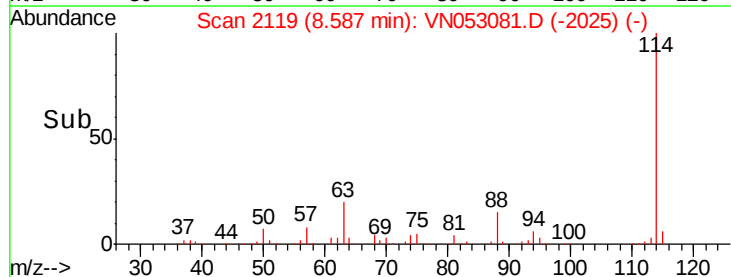
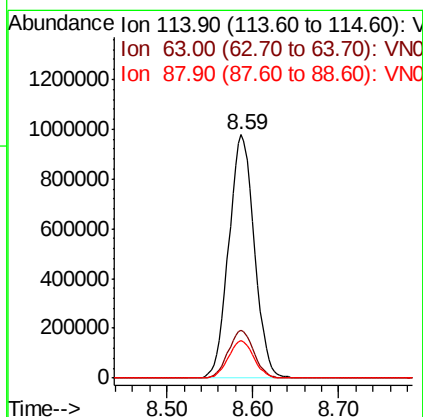
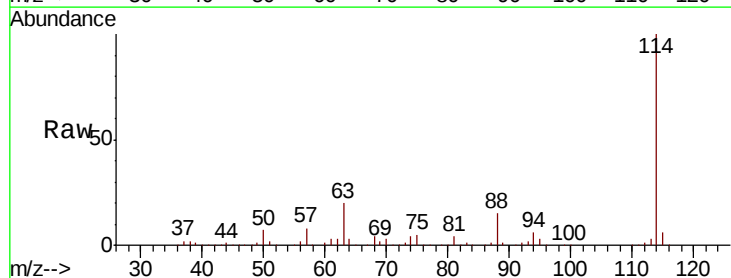
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-7-9.0-122018

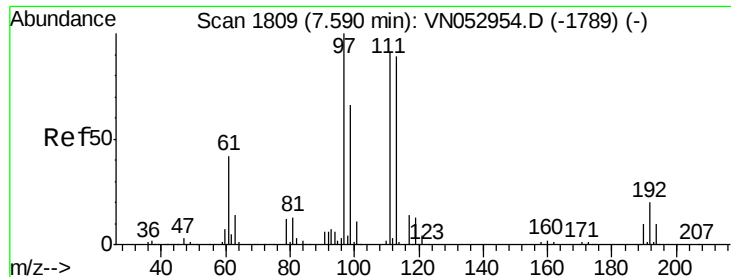
Tot Ion: 65 Resp: 643420
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053081.D
 Acq: 21 Dec 2018 3:02

Tgt Ion: 114 Resp: 2014021
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 31.0

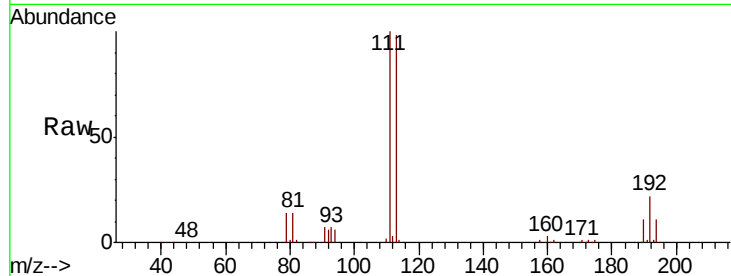




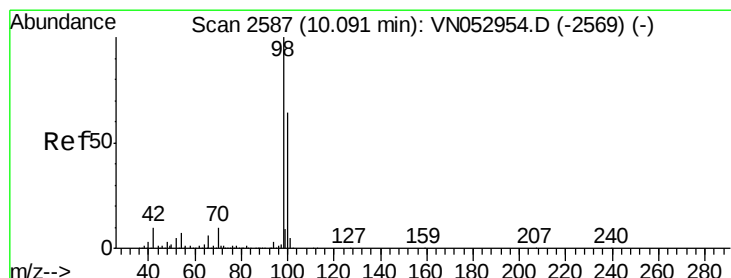
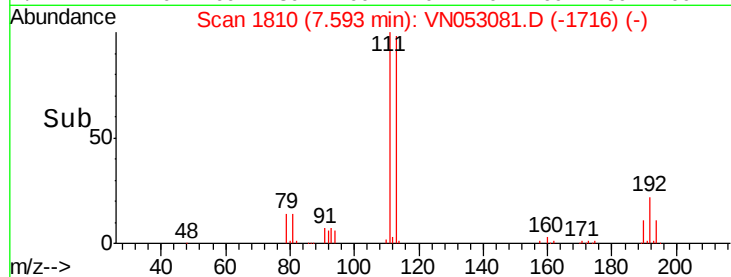
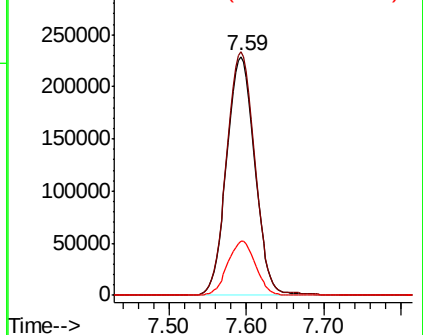
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053081.D
Acq: 21 Dec 2018 3:02

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-7-9.0-122018

Tot Ion:113 Resp: 576576
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 22.6 17.5 26.3

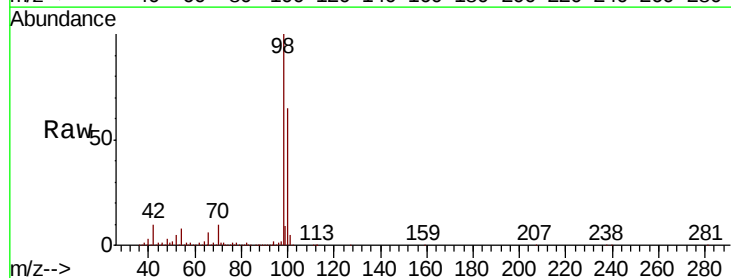


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

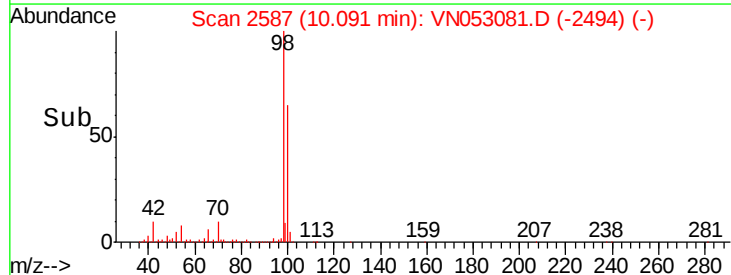
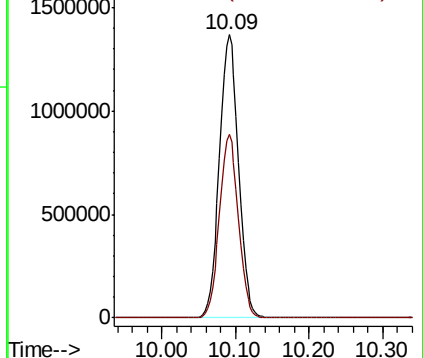


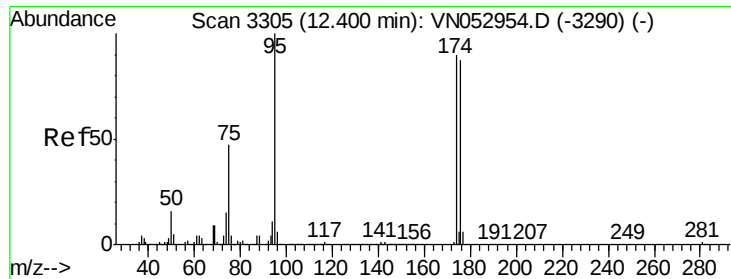
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053081.D
Acq: 21 Dec 2018 3:02

Tgt Ion: 98 Resp: 2462082
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053081.D

Acq: 21 Dec 2018 3:02

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-7-9.0-122018

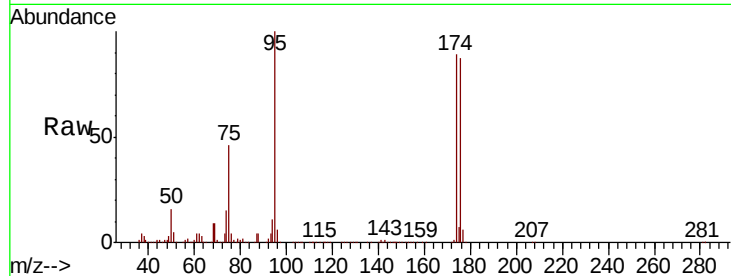
Tot Ion: 95 Resp: 849514

Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.8

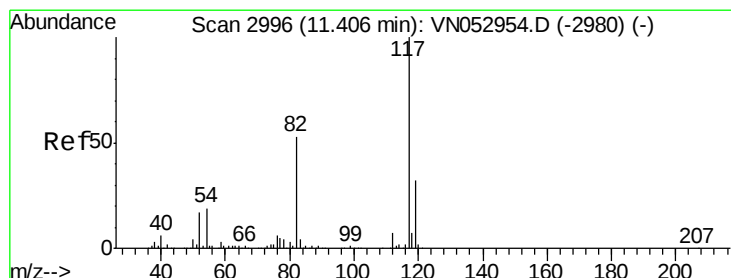
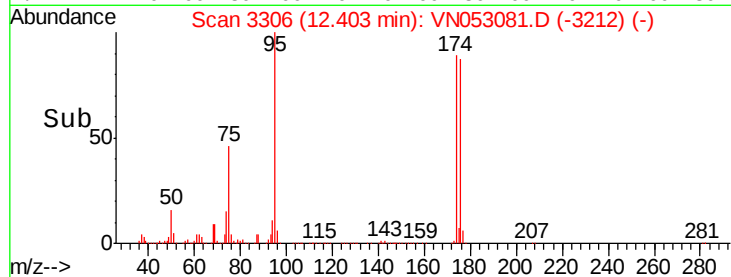
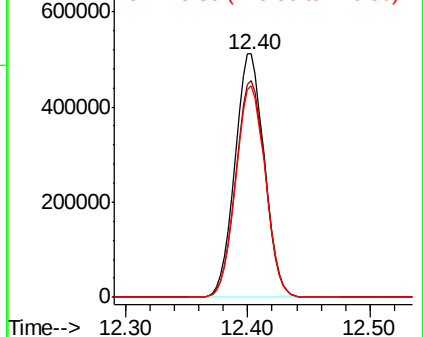
176 87.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053081.D

Acq: 21 Dec 2018 3:02

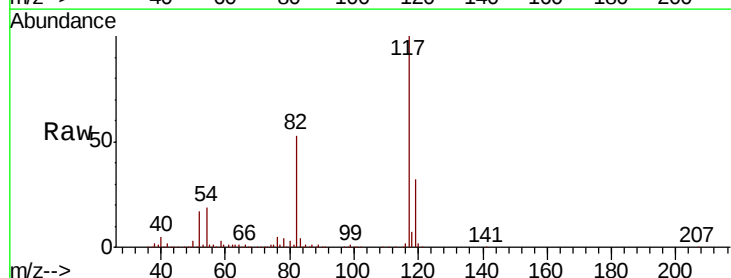
Tgt Ion: 117 Resp: 1846206

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

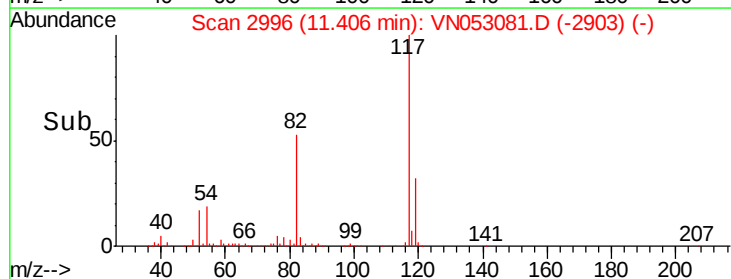
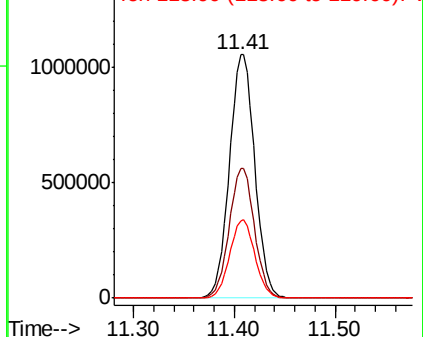
119 31.9 25.5 38.3

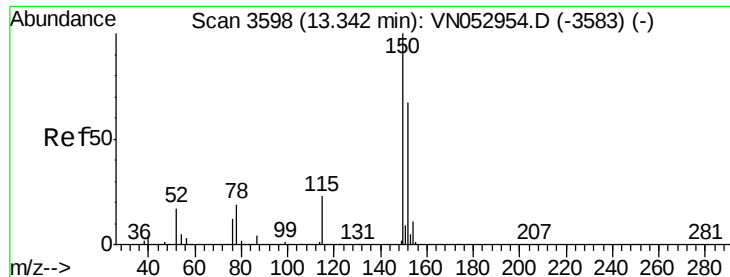


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053081.D

Acq: 21 Dec 2018 3:02

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-7-9.0-122018

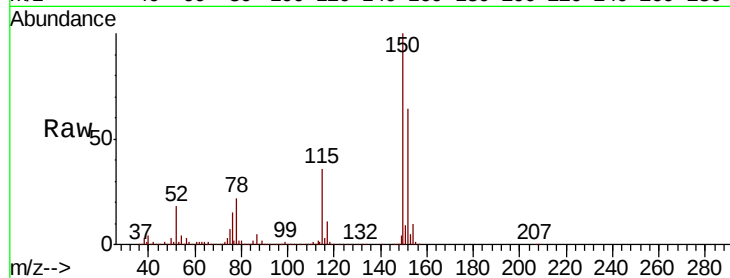
Tot Ion:152 Resp: 787556

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

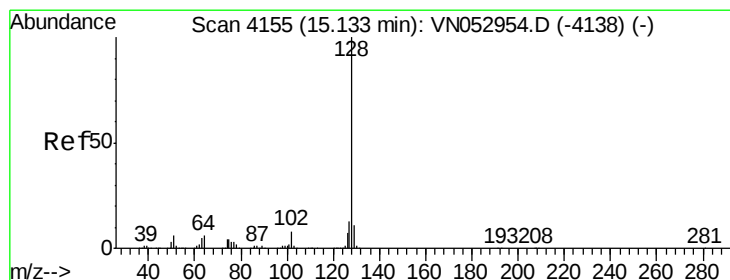
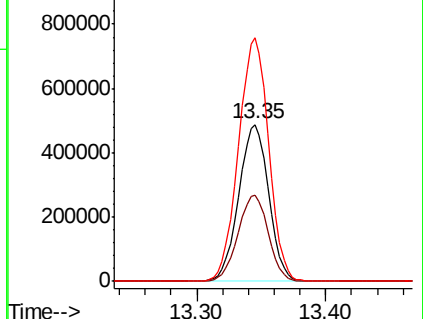
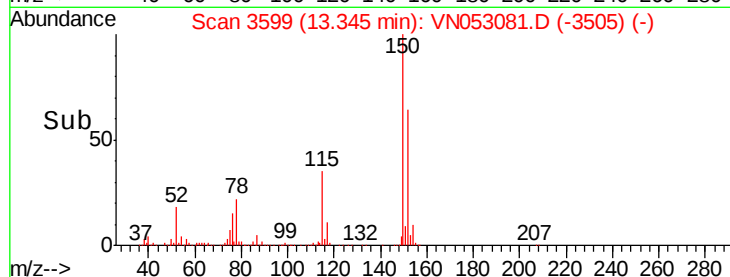
150 156.1 0.0 347.8



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



#95

Naphthalene

Concen: 2.680 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053081.D

Acq: 21 Dec 2018 3:02

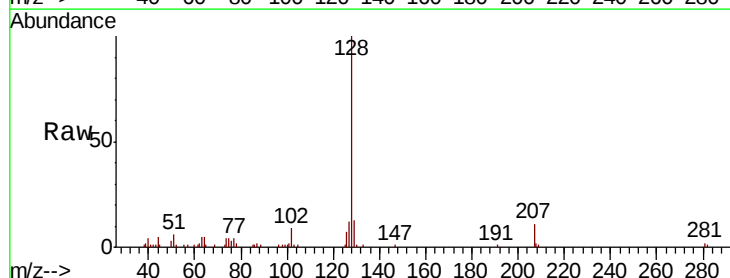
Tgt Ion:128 Resp: 48584

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 12.0 8.6 13.0



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

