

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055064.D
 Acq On : 16 Apr 2019 00:51
 Operator : JC/SP
 Sample : K2407-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17-S

Quant Time: Apr 16 07:33:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

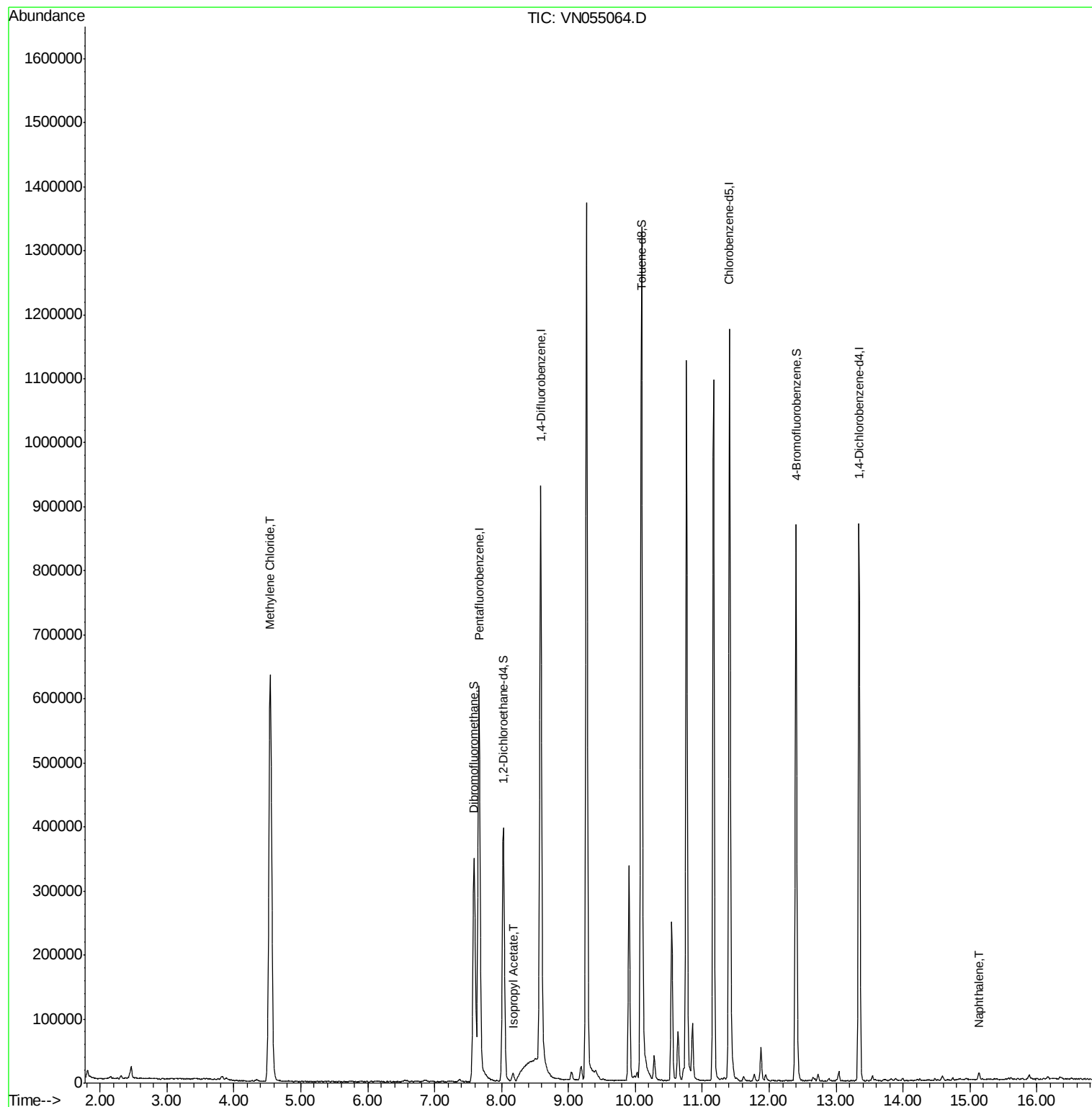
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	527359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	831070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	715553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	332566	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	7.59	113	267035	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1005830	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	300319	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
Target Compounds						
20) Methylene Chloride	4.54	84	443884	66.367	ug/l	96
43) Isopropyl Acetate	8.17	43	16088	1.637	ug/l #	95
95) Naphthalene	15.13	128	10808	4.260	ug/l	98

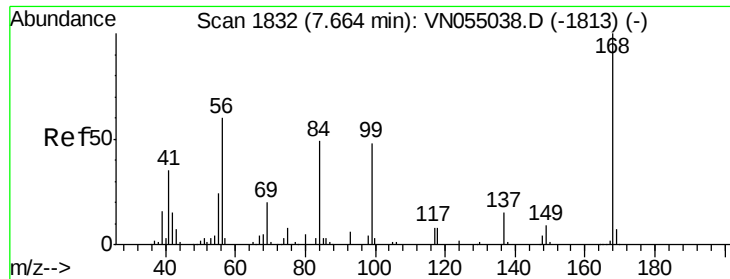
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041519\
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

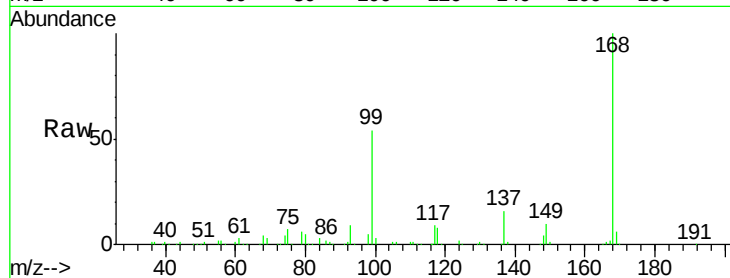
TP-17-S

Tot Ion:168 Resp: 527359

Ion Ratio Lower Upper

168 100

99 54.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

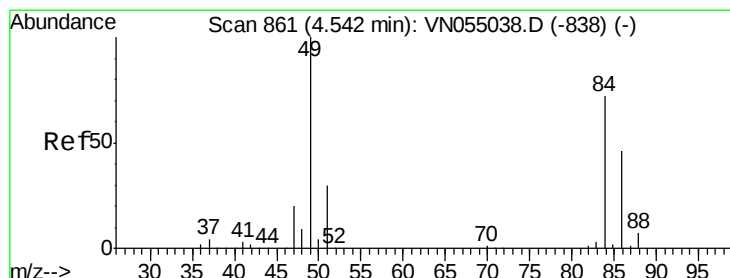
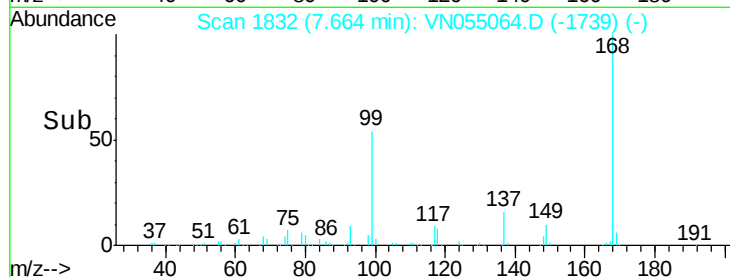
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 66.367 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Tgt Ion: 84 Resp: 443884

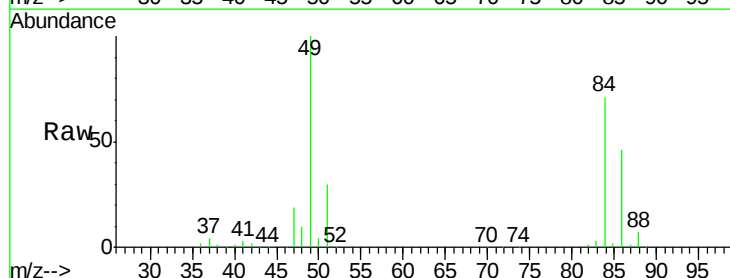
Ion Ratio Lower Upper

84 100

49 141.3 109.4 164.2

51 42.7 32.2 48.4

86 65.1 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

300000

250000

200000

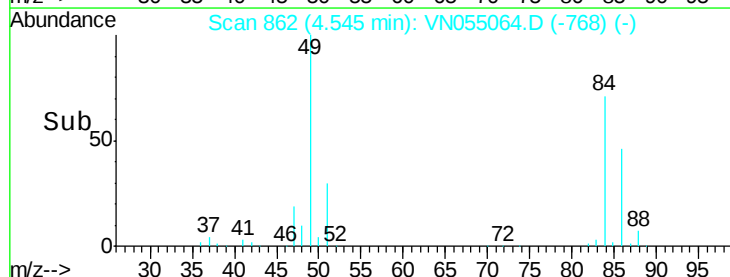
150000

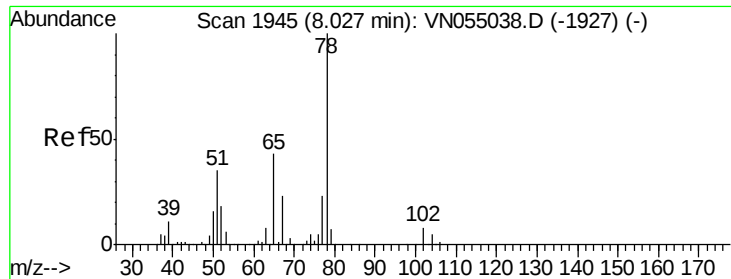
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50000

0

Time-->

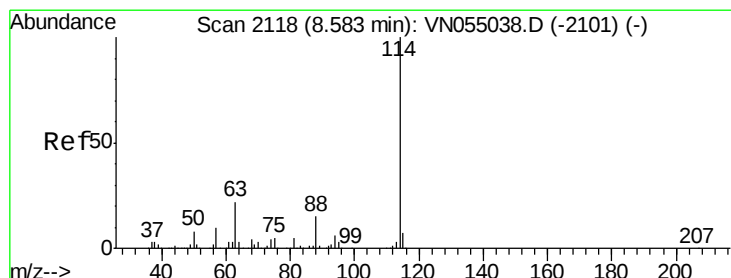
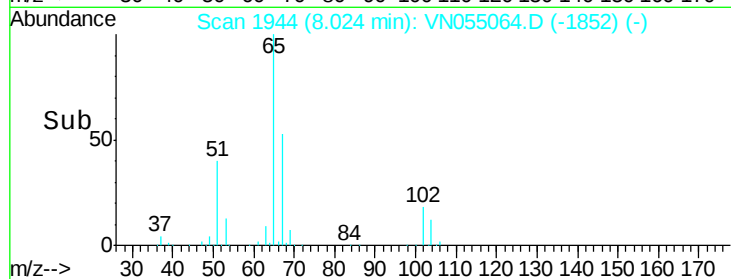
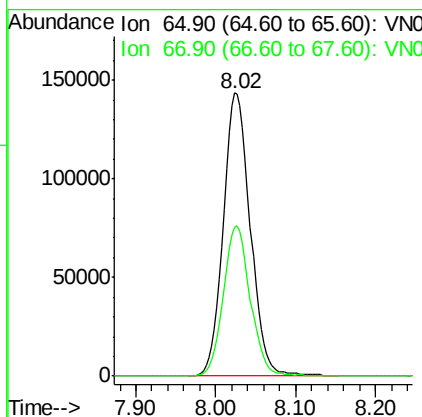
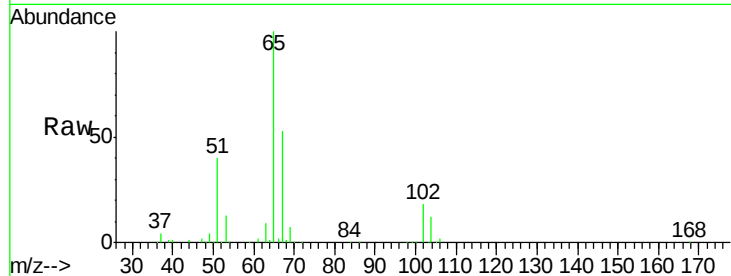




#33
 1,2-Dichloroethane-d4
 Concen: 47.442 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055064.D
 Acq: 16 Apr 2019 00:51

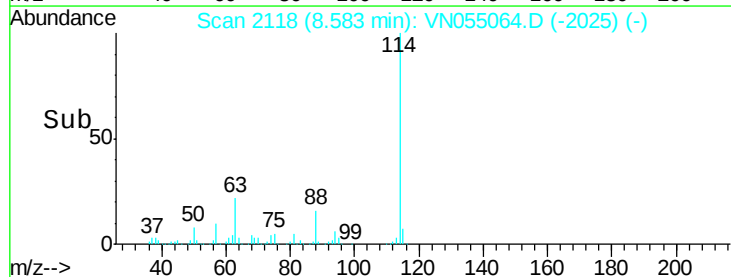
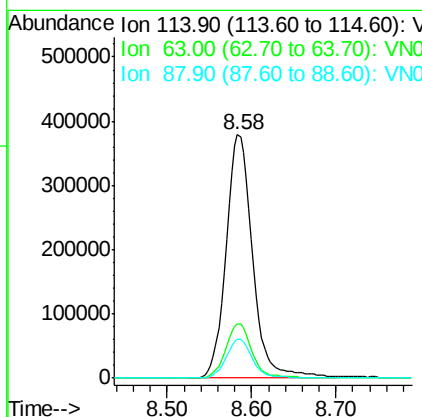
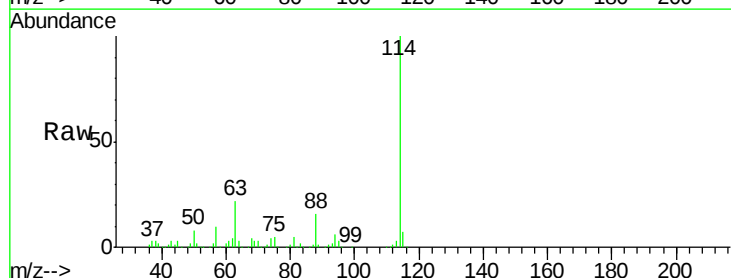
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17-S

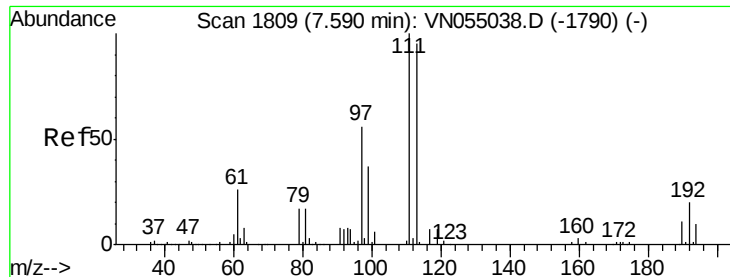
Tot Ion: 65 Resp: 332566
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055064.D
 Acq: 16 Apr 2019 00:51

Tgt Ion: 114 Resp: 831070
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.079 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA_N

ClientSampled :

TP-17-S

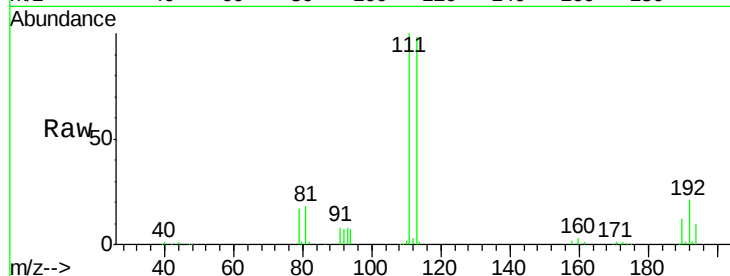
Tot Ion:113 Resp: 267035

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

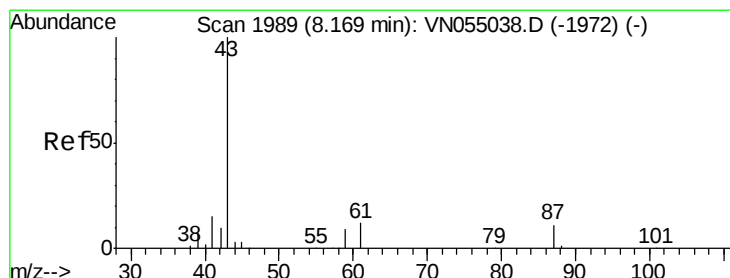
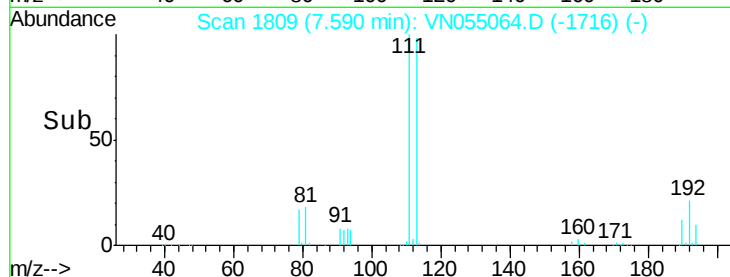
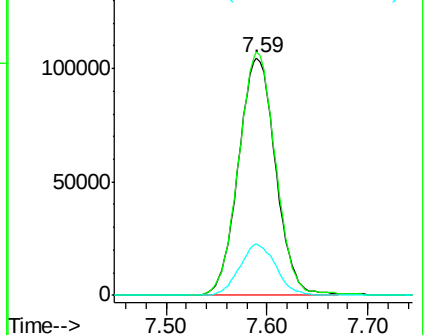
192 21.2 16.5 24.7



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



#43

Isopropyl Acetate

Concen: 1.637 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

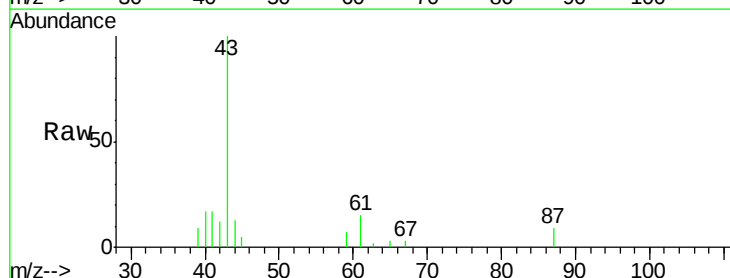
Tgt Ion: 43 Resp: 16088

Ion Ratio Lower Upper

43 100

61 17.6 14.3 21.5

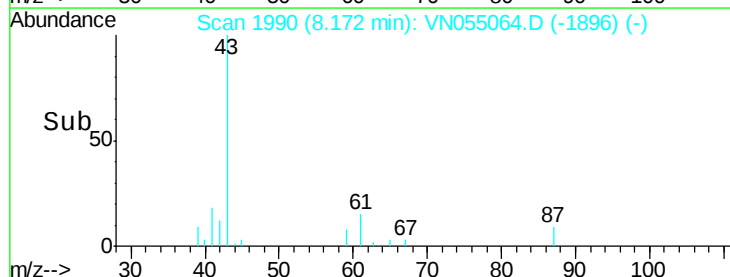
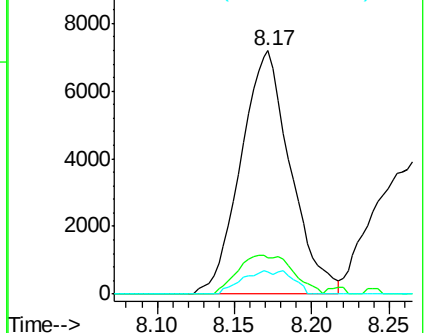
87 6.1 8.6 13.0#

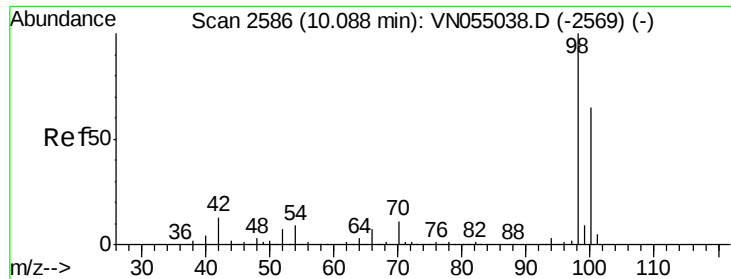


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.599 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA_N

ClientSampled :

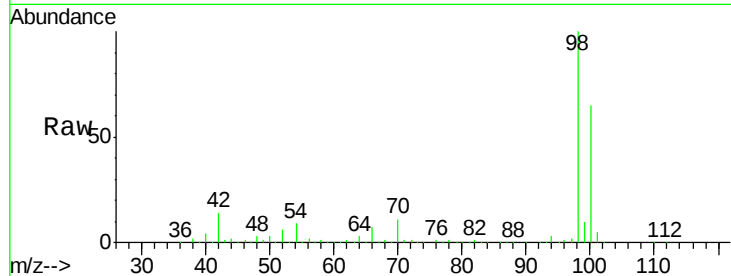
TP-17-S

Tot Ion: 98 Resp: 1005830

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

10.09

500000

400000

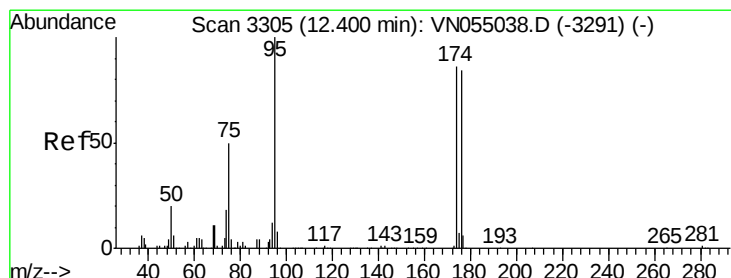
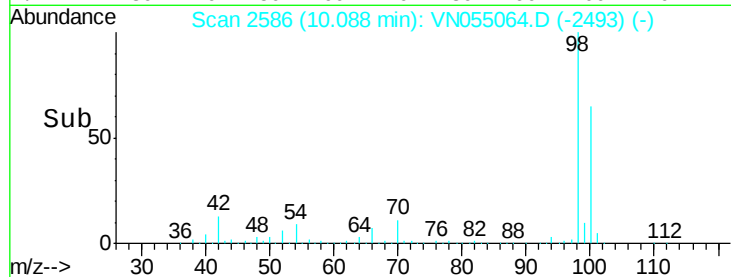
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.471 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

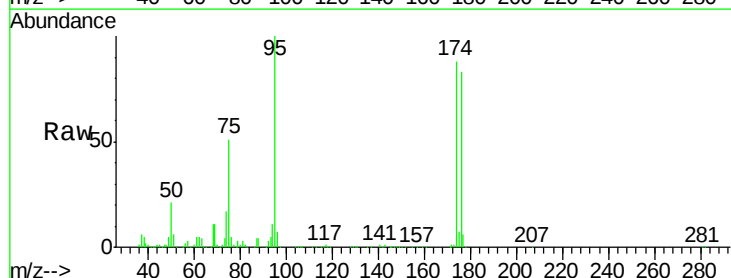
Tgt Ion: 95 Resp: 300319

Ion Ratio Lower Upper

95 100

174 87.4 0.0 174.4

176 82.1 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

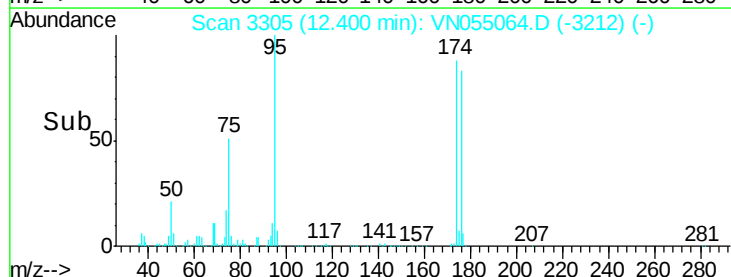
150000

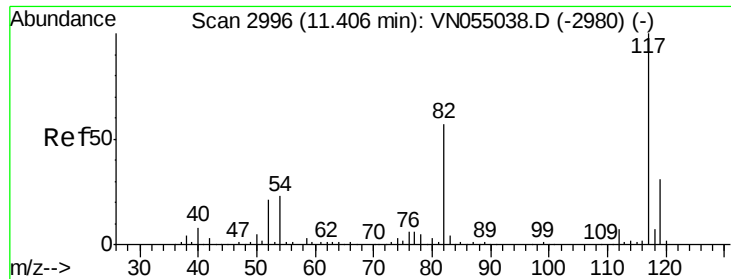
100000

50000

0

Time-->

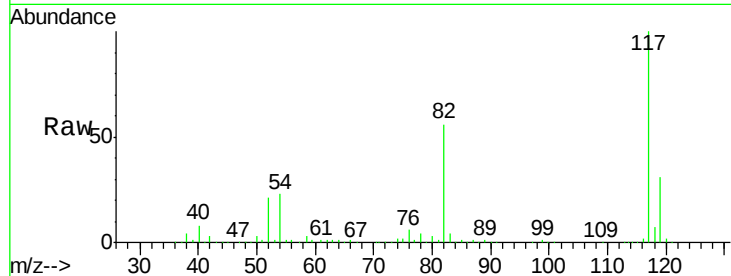




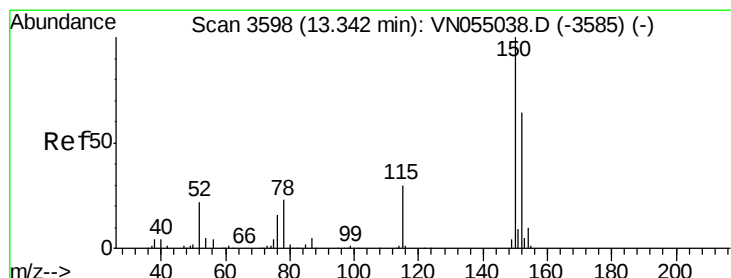
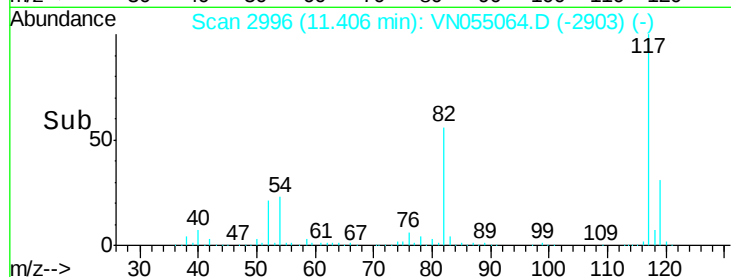
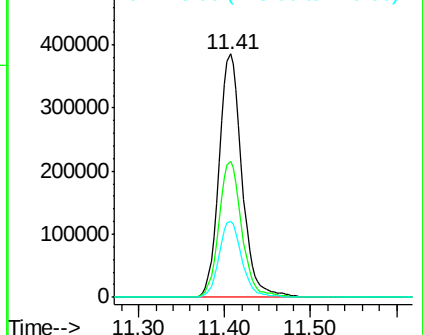
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055064.D
Acq: 16 Apr 2019 00:51

Instrument :
MSVOA_N
ClientSampled :
TP-17-S

Tot Ion:117 Resp: 715553
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 31.4 25.5 38.3

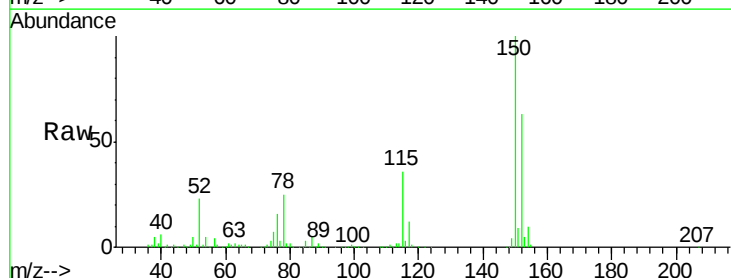


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

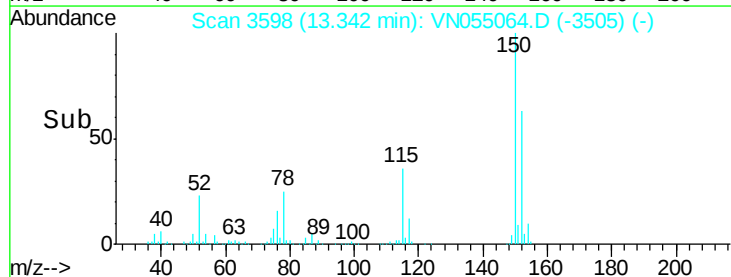
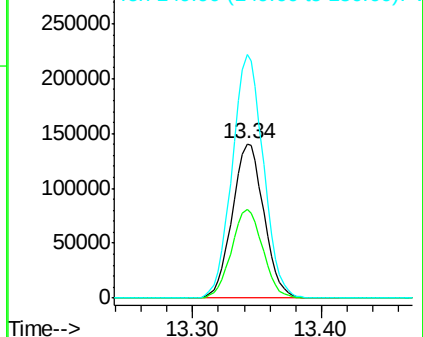


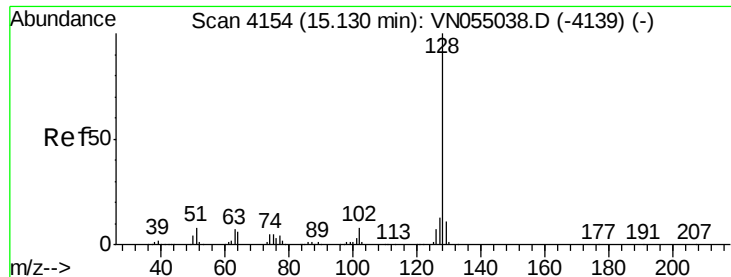
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055064.D
Acq: 16 Apr 2019 00:51

Tgt Ion:152 Resp: 239535
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.6
150 155.7 0.0 347.2



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: 4.260 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

TP-17-S

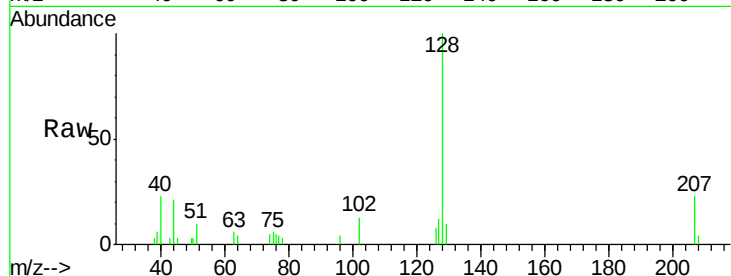
Tot Ion:128 Resp: 10808

Ion Ratio Lower Upper

128 100

127 11.9 10.1 15.1

129 10.5 8.8 13.2



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

