

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055016.D
 Acq On : 12 Apr 2019 22:51
 Operator : JC/SP
 Sample : K2377-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

Quant Time: Apr 13 04:31:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

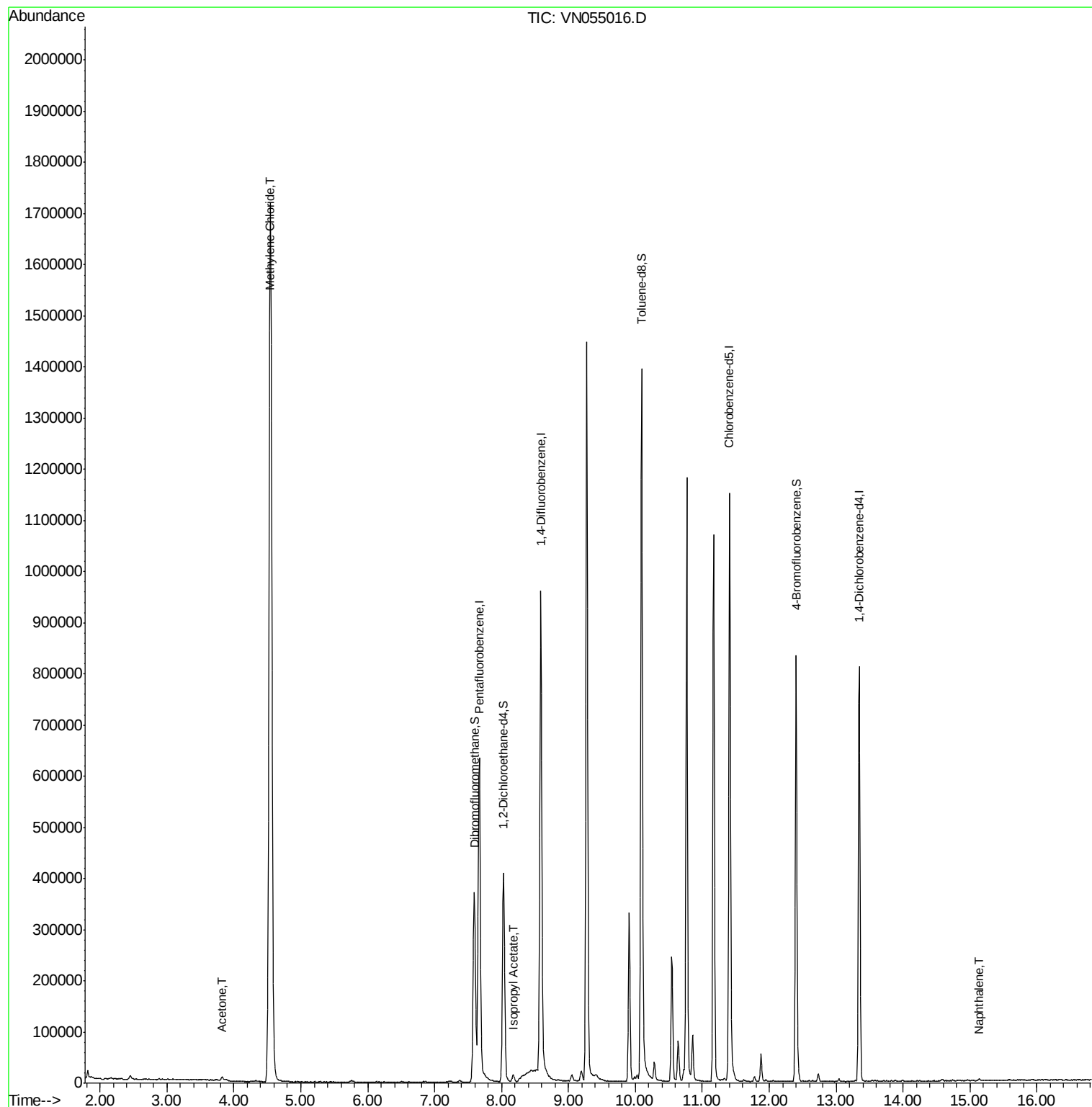
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	548732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	865160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	701970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	347344	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.59	113	279120	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.09	98	1010892	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	286951	42.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.10%	
Target Compounds						
16) Acetone	3.82	43	9294	4.913	ug/l	99
20) Methylene Chloride	4.54	84	1207151	201.177	ug/l	98
43) Isopropyl Acetate	8.18	43	15677	1.527	ug/l	95
95) Naphthalene	15.13	128	3577	5.049	ug/l #	85

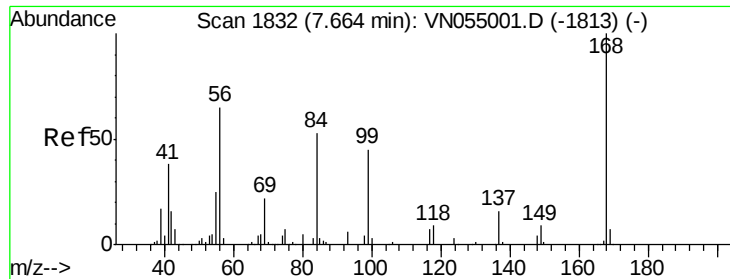
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041319\
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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

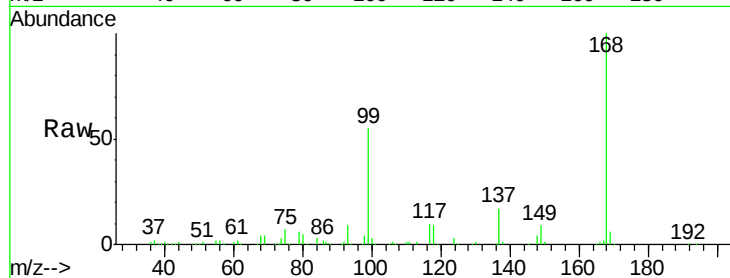
TP-13-S

Tot Ion:168 Resp: 548732

Ion Ratio Lower Upper

168 100

99 55.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

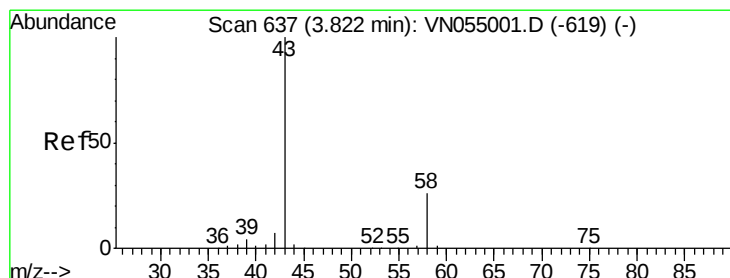
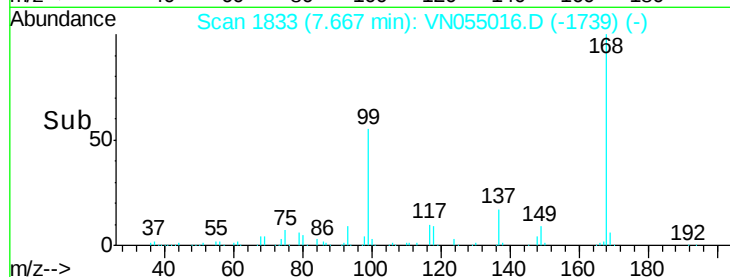
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.913 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055016.D

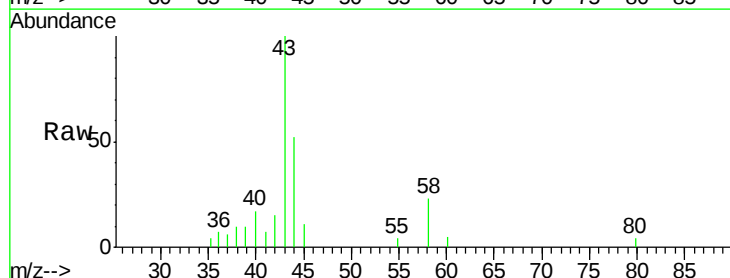
Acq: 12 Apr 2019 22:51

Tgt Ion: 43 Resp: 9294

Ion Ratio Lower Upper

43 100

58 25.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

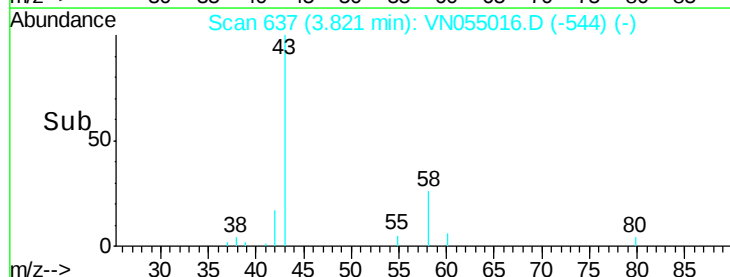
3000

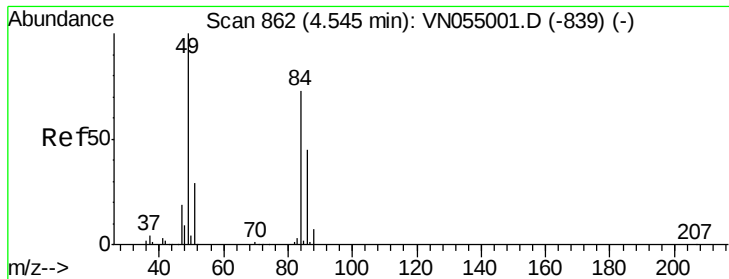
2000

1000

0

Time-->



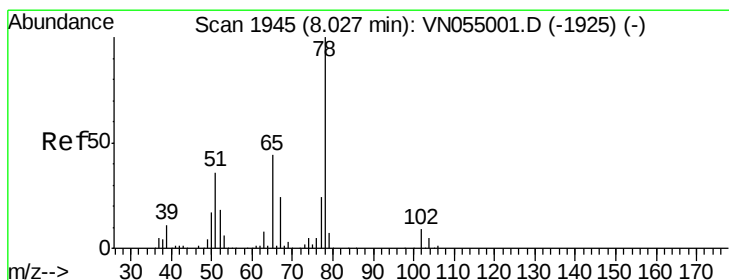
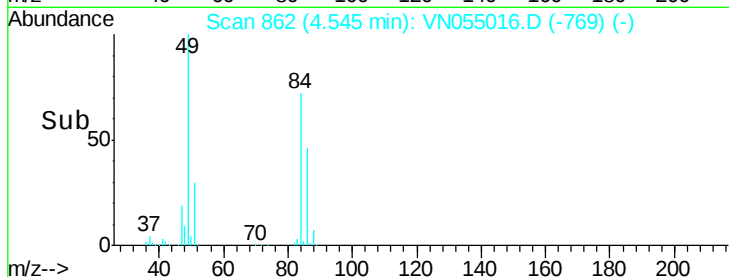
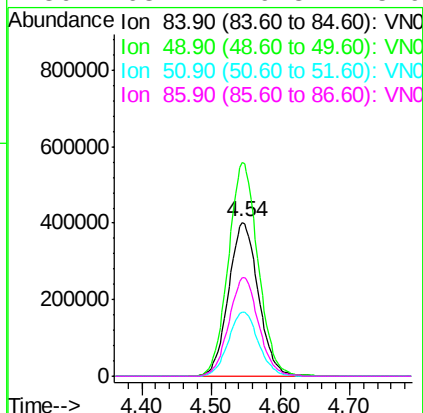
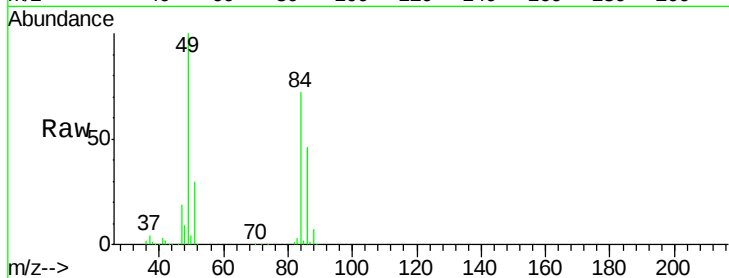


#20
Methvlene Chloride
Concen: 201.177 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Instrument :
MSVOA_N
ClientSampled :
TP-13-S

Tot Ion: 84 Resp: 1207151

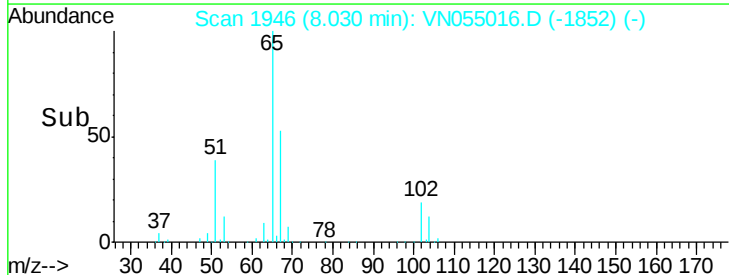
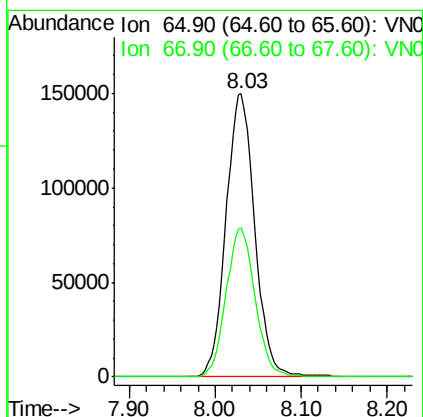
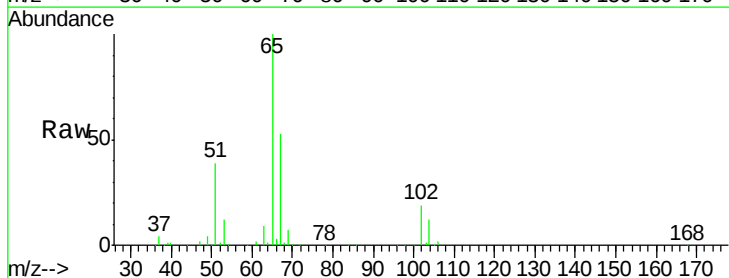
Ion	Ratio	Lower	Upper
84	100		
49	138.7	109.4	164.2
51	41.7	32.2	48.4
86	63.7	49.3	73.9

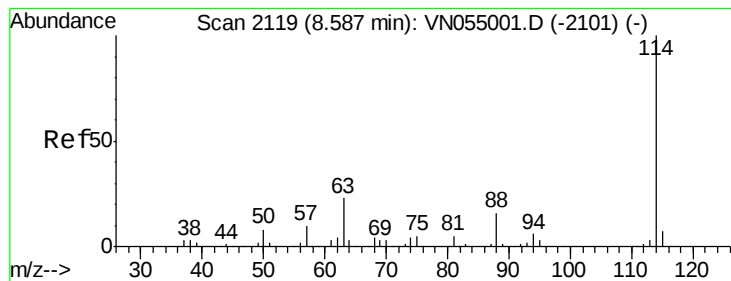


#33
1,2-Dichloroethane-d4
Concen: 50.440 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Tgt Ion: 65 Resp: 347344

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

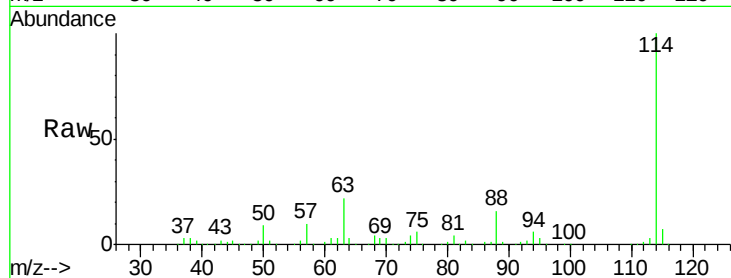
Tot Ion:114 Resp: 865160

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

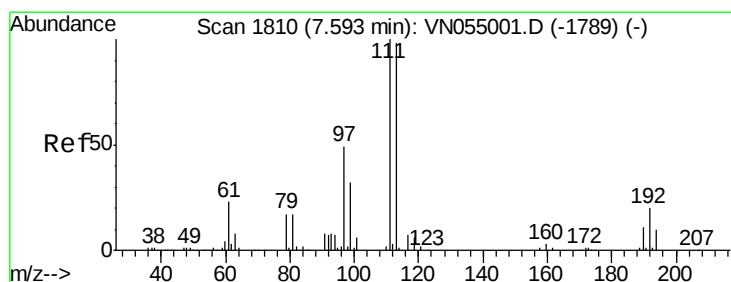
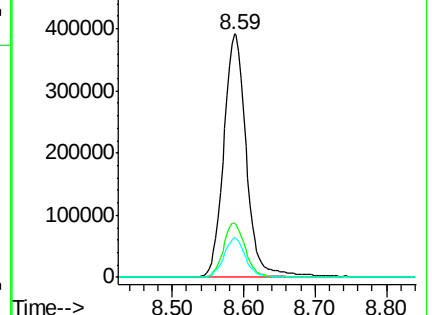
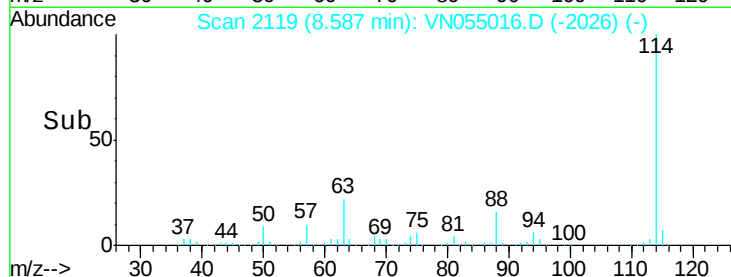
88 16.2 0.0 31.8



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: 50.610 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

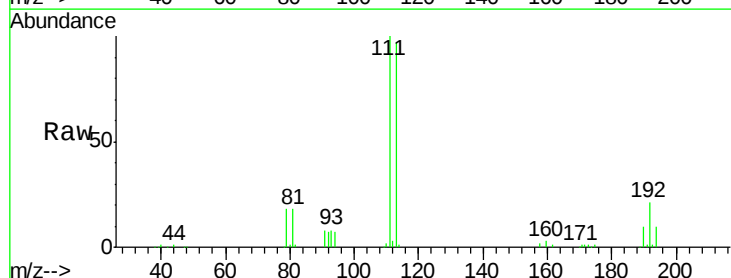
Tgt Ion:113 Resp: 279120

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

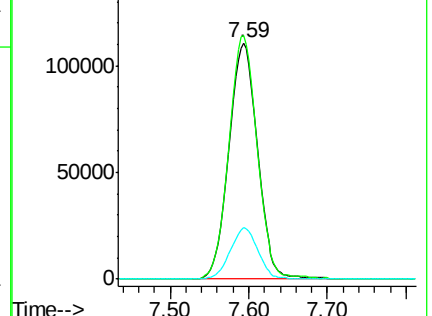
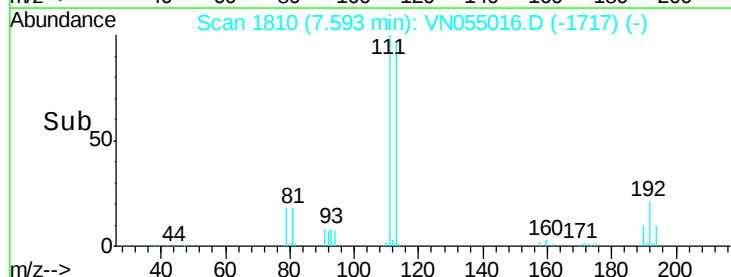
192 21.0 16.5 24.7

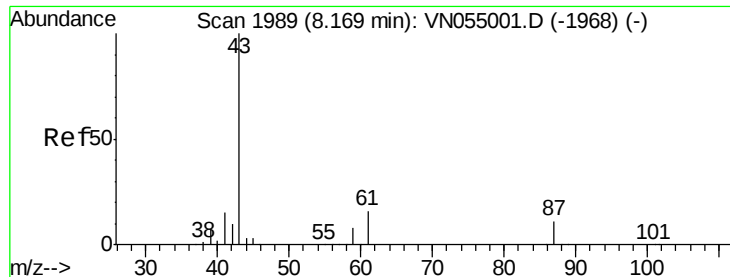


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.527 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

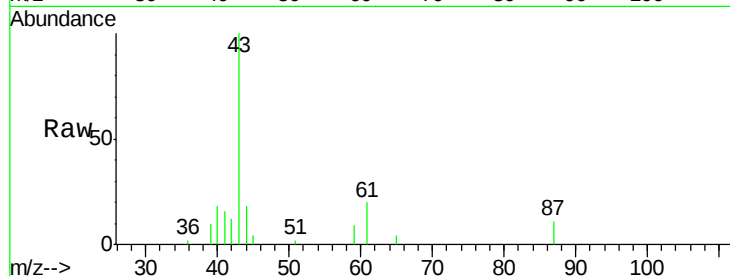
Tot Ion: 43 Resp: 15677

Ion Ratio Lower Upper

43 100

61 20.7 14.3 21.5

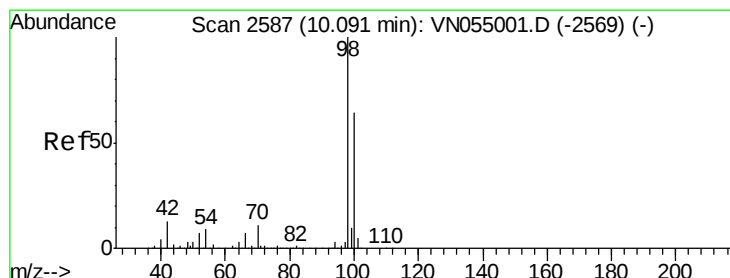
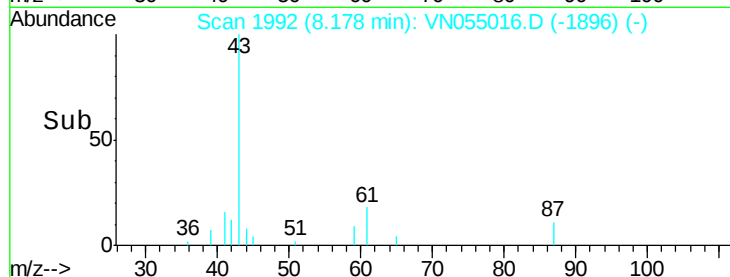
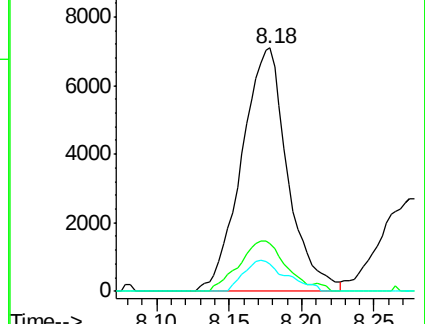
87 11.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055001.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055001.D (-1968) (-)



#50

Toluene-d8

Concen: 49.905 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055016.D

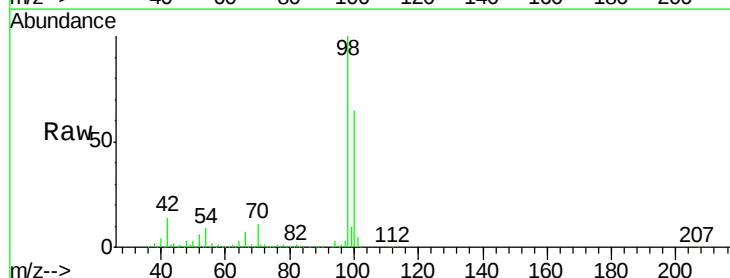
Acq: 12 Apr 2019 22:51

Tgt Ion: 98 Resp: 1010892

Ion Ratio Lower Upper

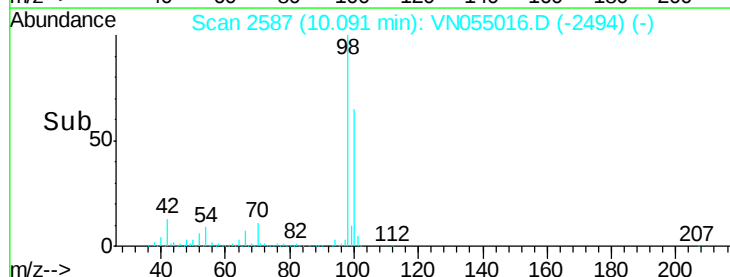
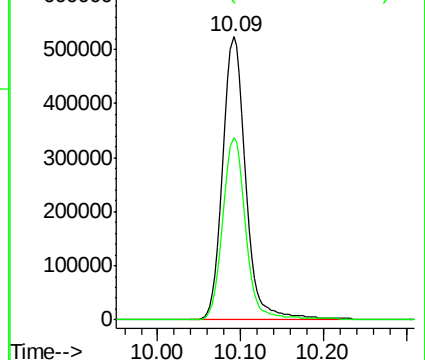
98 100

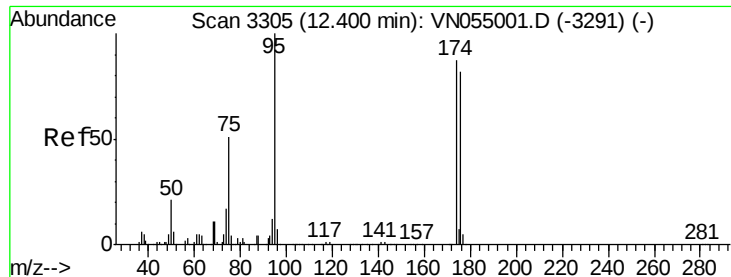
100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055001.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055001.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 42.054 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

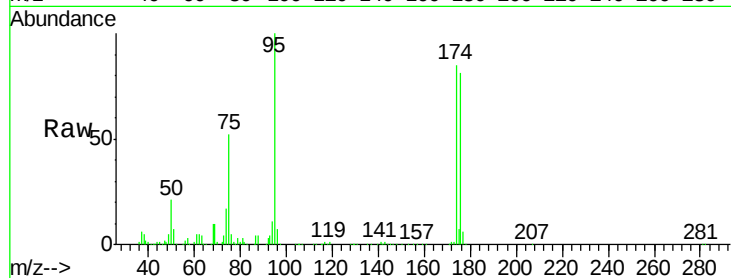
Tot Ion: 95 Resp: 286951

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.4

176 82.6 0.0 166.8

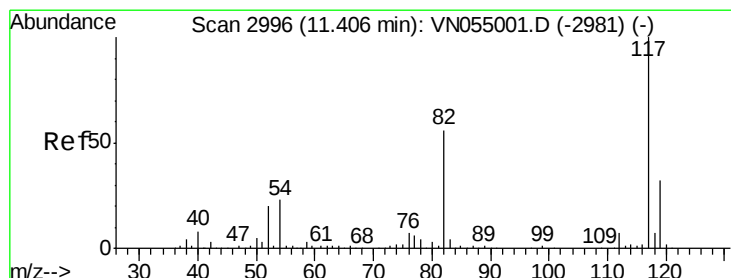
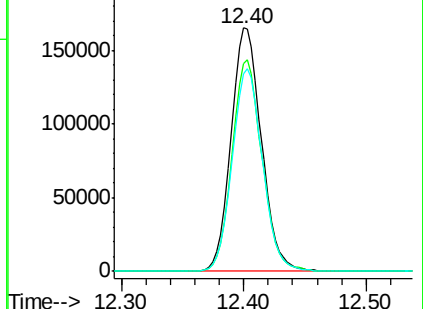
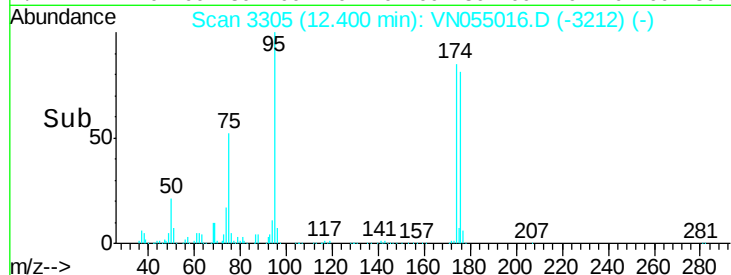


Abundance Ion 94.90 (94.60 to 95.60): VN055001.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055001.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055001.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

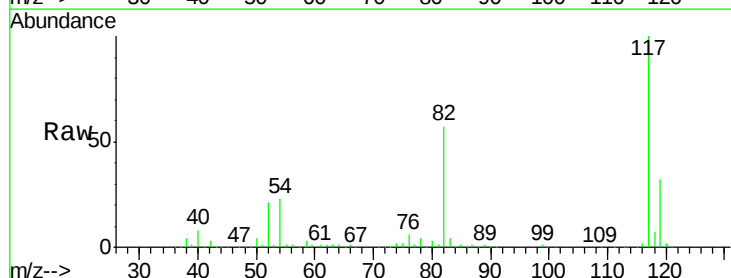
Tgt Ion: 117 Resp: 701970

Ion Ratio Lower Upper

117 100

82 56.7 44.6 66.8

119 32.4 25.5 38.3

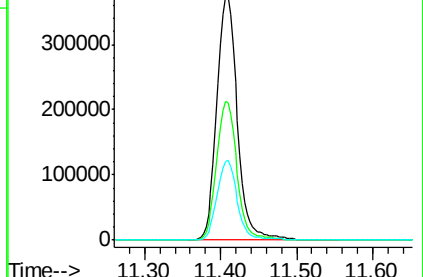
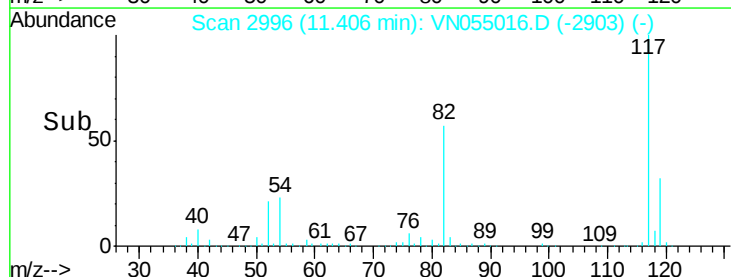


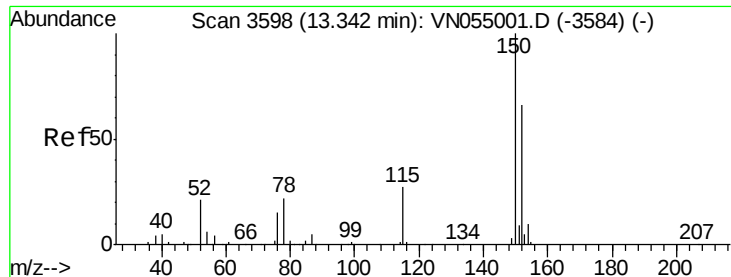
Abundance Ion 116.90 (116.60 to 117.60): VN055001.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055001.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055001.D (-2981) (-)

Time--> 11.30 11.40 11.50 11.60





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

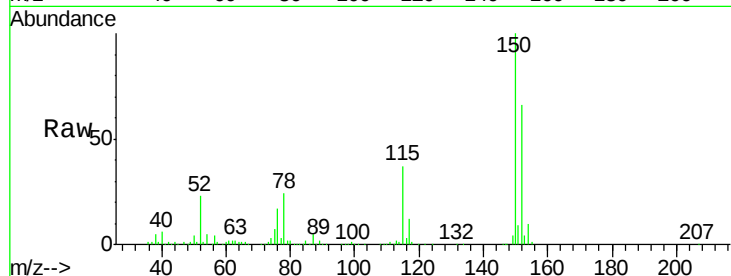
Tot Ion:152 Resp: 227449

Ion Ratio Lower Upper

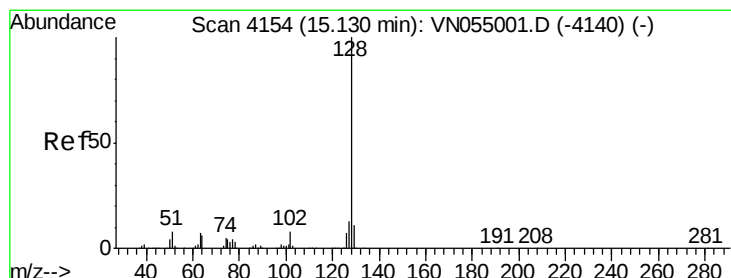
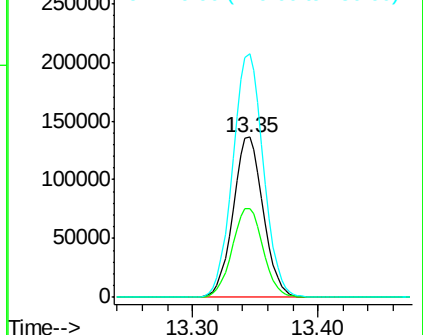
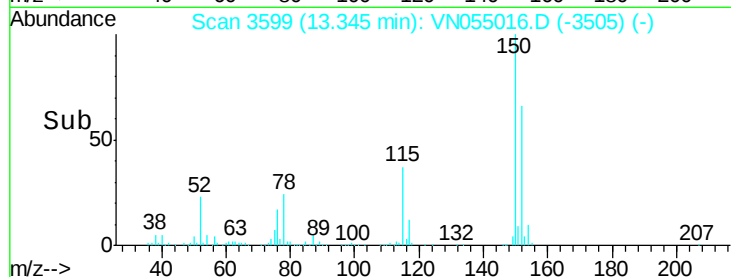
152 100

115 56.9 28.5 85.6

150 154.8 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: 5.049 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

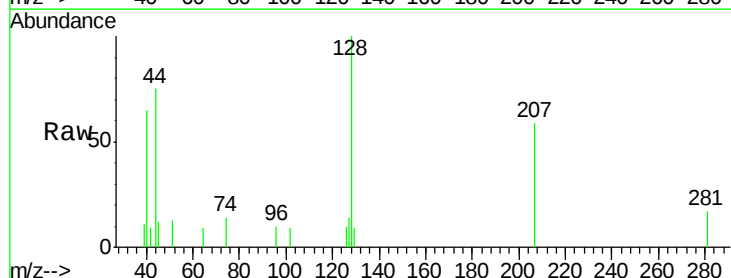
Tgt Ion:128 Resp: 3577

Ion Ratio Lower Upper

128 100

127 7.1 10.1 15.1#

129 5.0 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

