

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055062.D
 Acq On : 15 Apr 2019 23:58
 Operator : JC/SP
 Sample : K2407-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

Quant Time: Apr 16 07:28:01 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

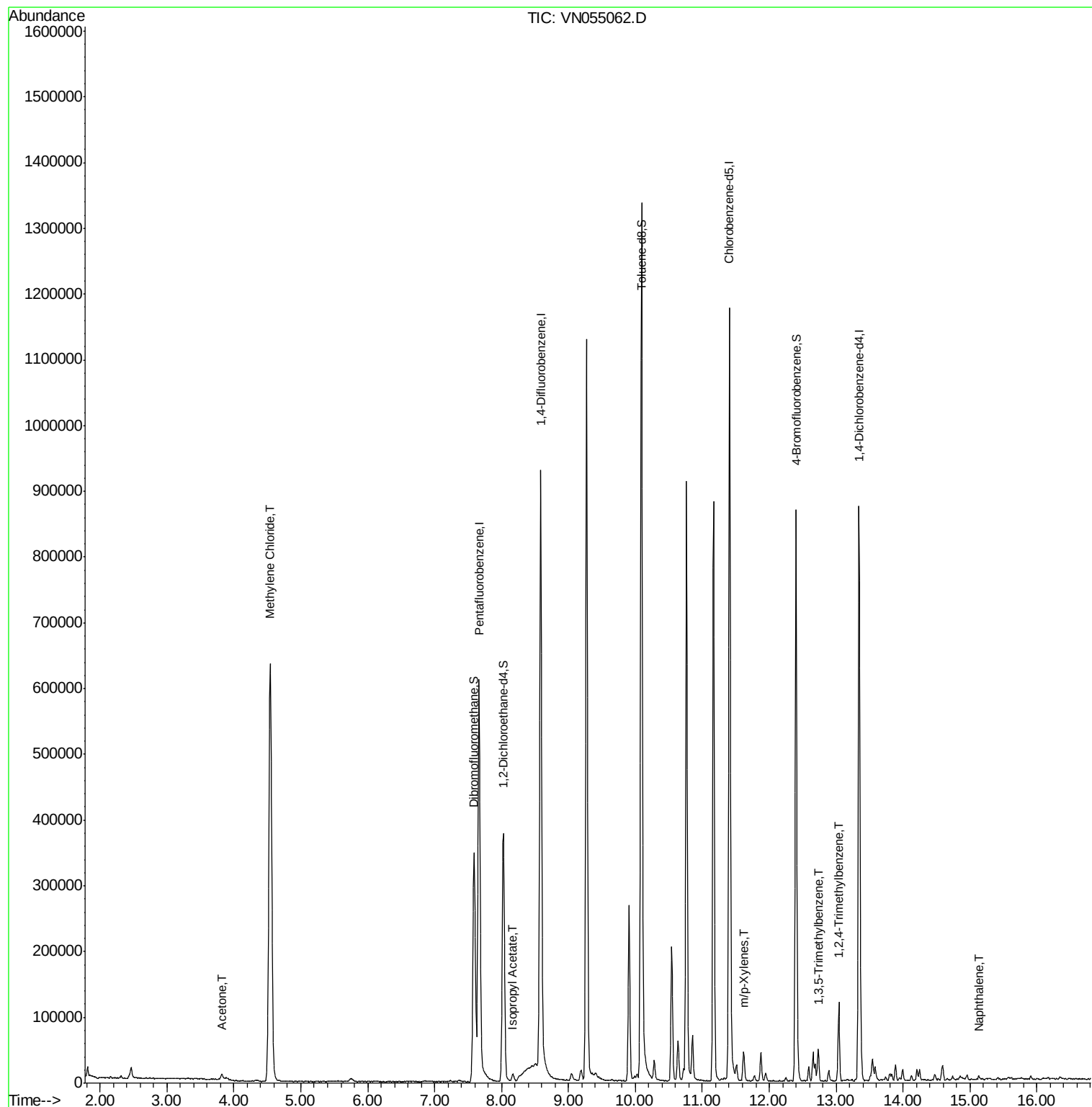
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	521942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	827361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	709130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	325396	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	7.59	113	263534	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	996772	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	298230	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
16) Acetone	3.82	43	11903	6.321	ug/l	92
20) Methylene Chloride	4.55	84	447521	67.605	ug/l	99
43) Isopropyl Acetate	8.17	43	14005	1.431	ug/l #	92
68) m/p-Xylenes	11.62	106	14165	1.535	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	25161	1.468	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	67357	4.145	ug/l	100
95) Naphthalene	15.13	128	4578	3.580	ug/l	98

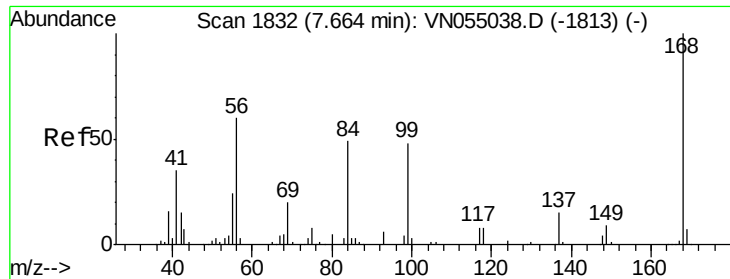
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampleId :

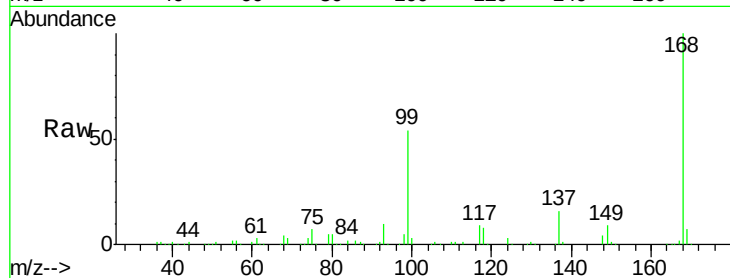
TP-11-S

Tot Ion:168 Resp: 521942

Ion Ratio Lower Upper

168 100

99 54.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

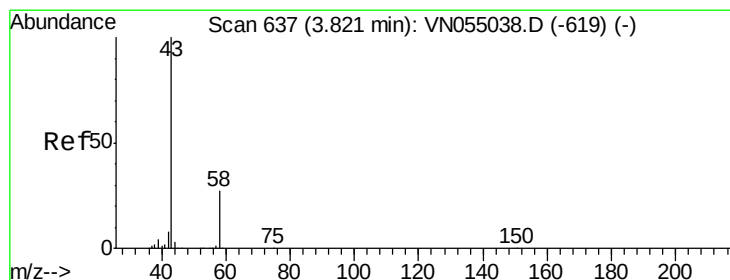
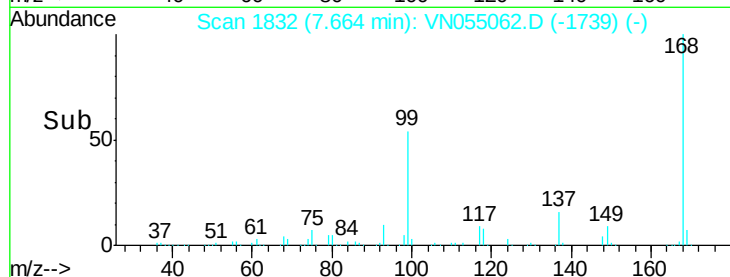
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.321 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055062.D

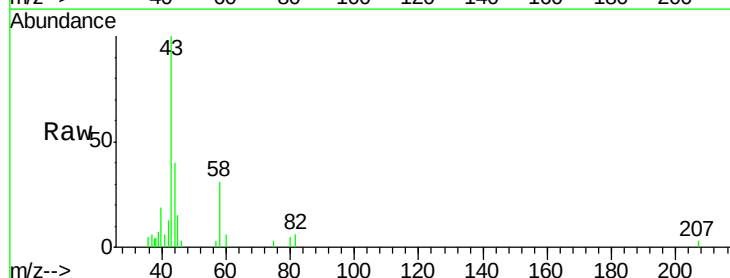
Acq: 15 Apr 2019 23:58

Tgt Ion: 43 Resp: 11903

Ion Ratio Lower Upper

43 100

58 30.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

5000

4000

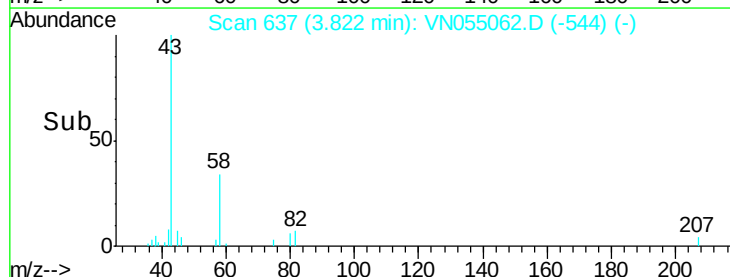
3000

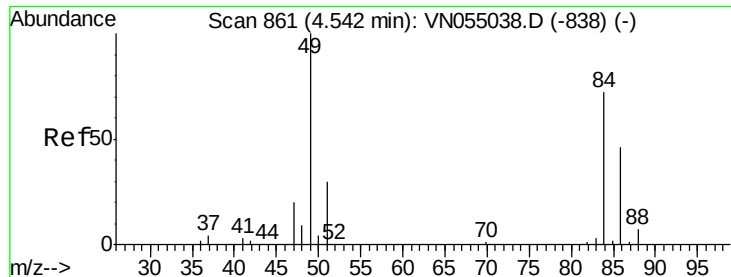
2000

1000

0

Time--> 3.75 3.80 3.85

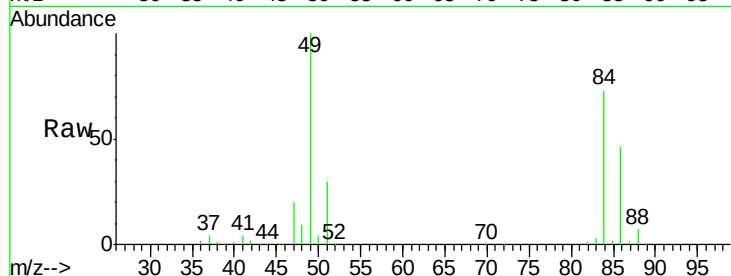




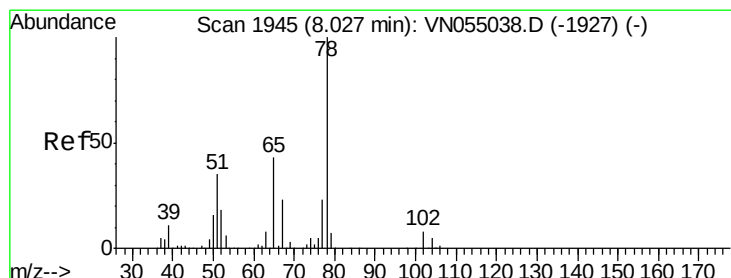
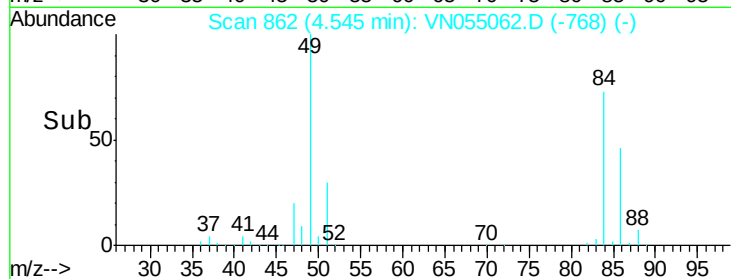
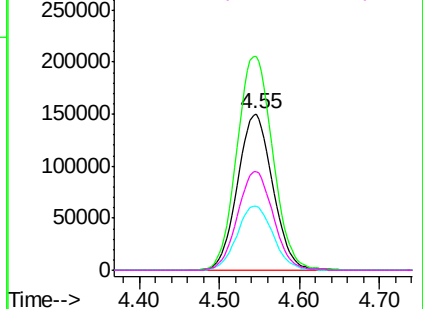
#20
Methylene Chloride
Concen: 67.605 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Instrument :
MSVOA_N
ClientSampleId :
TP-11-S

Tot Ion: 84 Resp: 447521
Ion Ratio Lower Upper
84 100
49 136.5 109.4 164.2
51 41.2 32.2 48.4
86 63.4 49.3 73.9

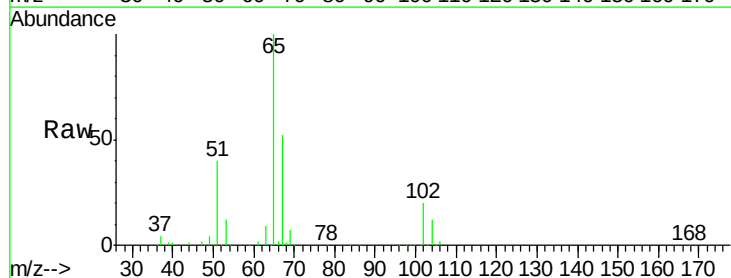


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

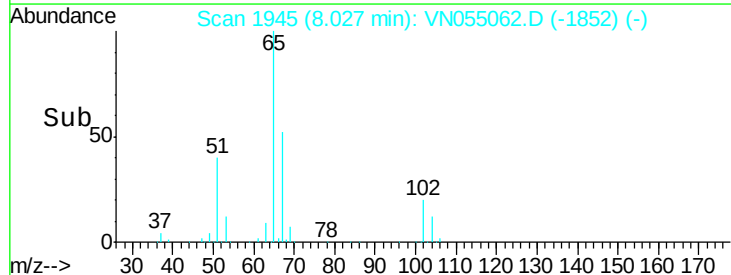
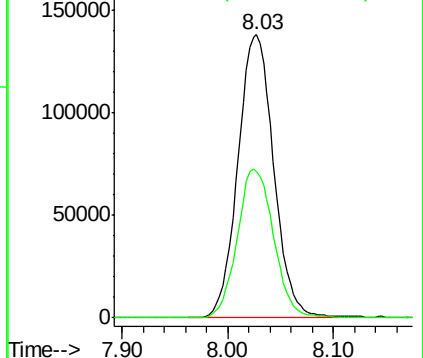


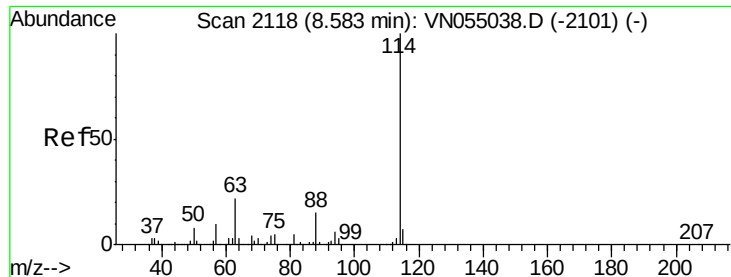
#33
1,2-Dichloroethane-d4
Concen: 46.901 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion: 65 Resp: 325396
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

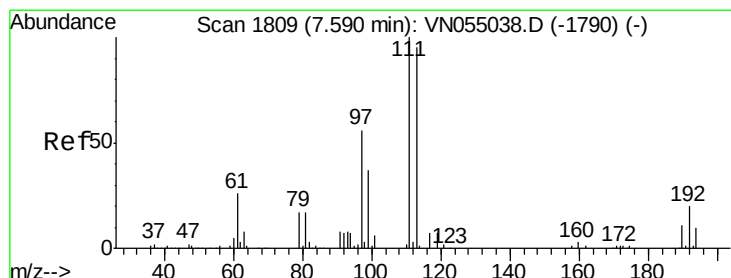
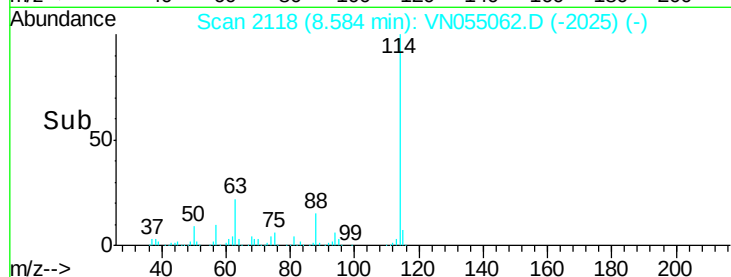
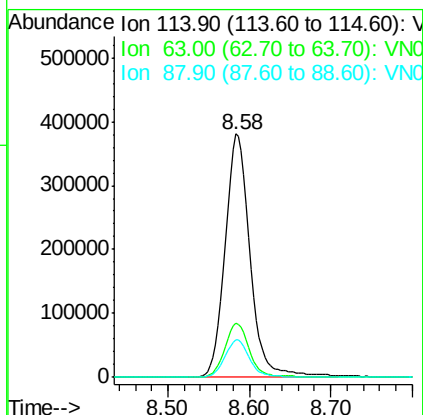
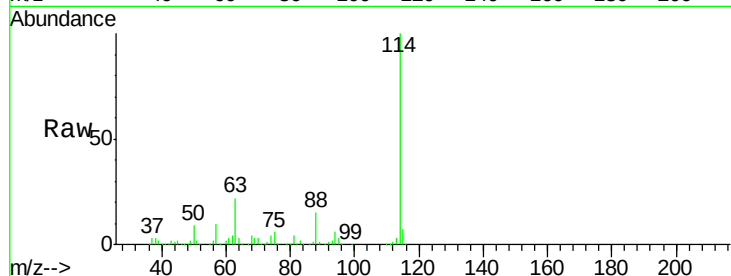




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

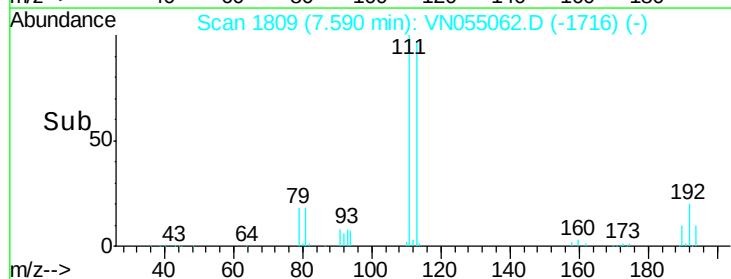
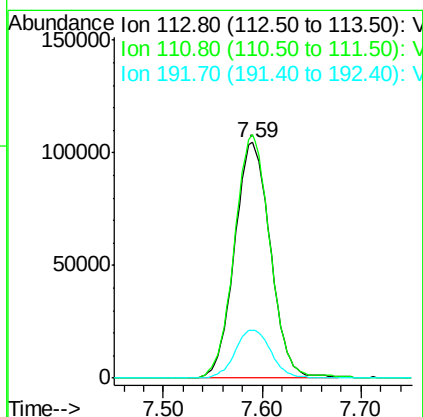
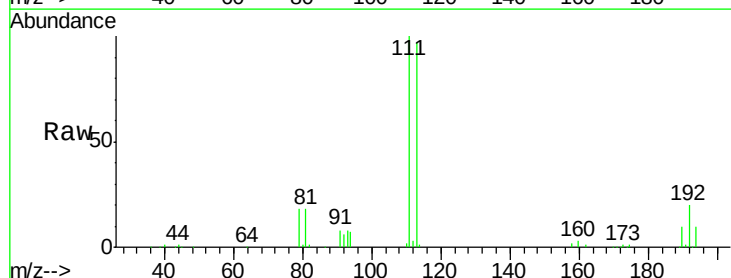
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

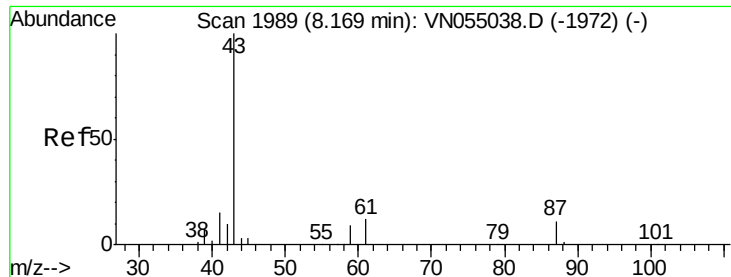
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	15.2	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 47.661 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	20.6	16.5	24.7





#43

Isopropyl Acetate

Concen: 1.431 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampleId :

TP-11-S

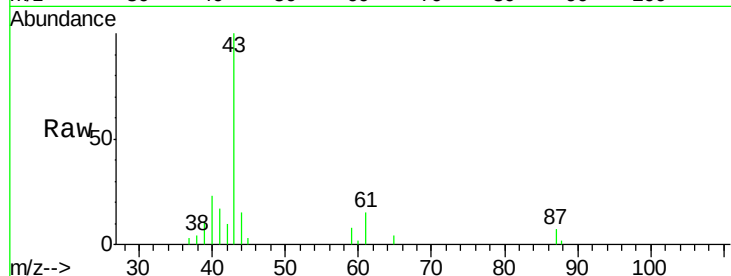
Tot Ion: 43 Resp: 14005

Ion Ratio Lower Upper

43 100

61 16.5 14.3 21.5

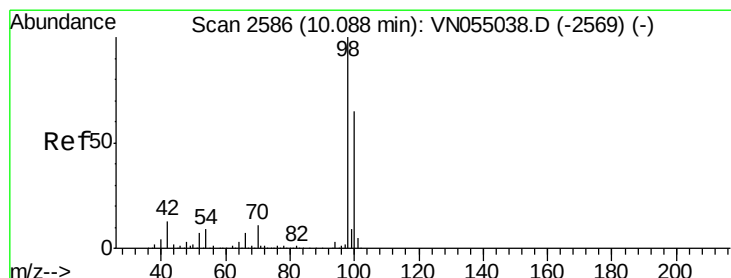
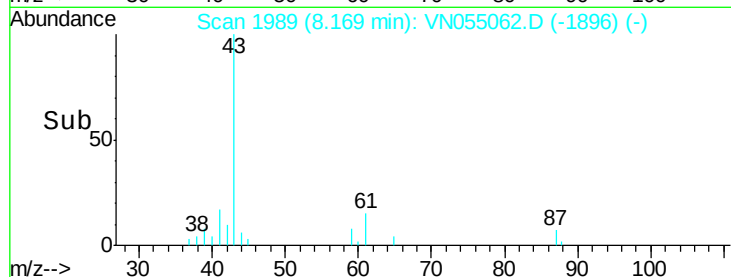
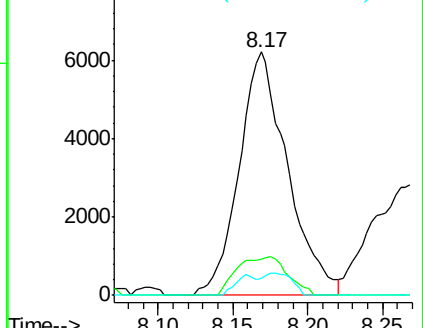
87 5.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.368 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055062.D

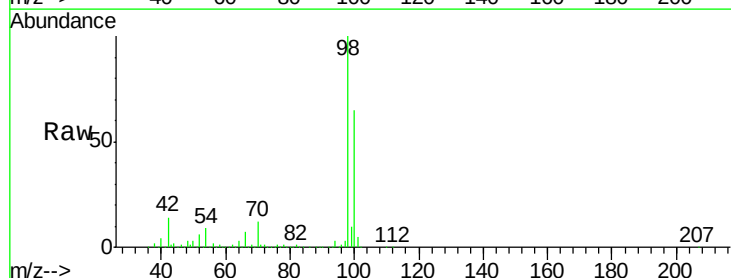
Acq: 15 Apr 2019 23:58

Tgt Ion: 98 Resp: 996772

Ion Ratio Lower Upper

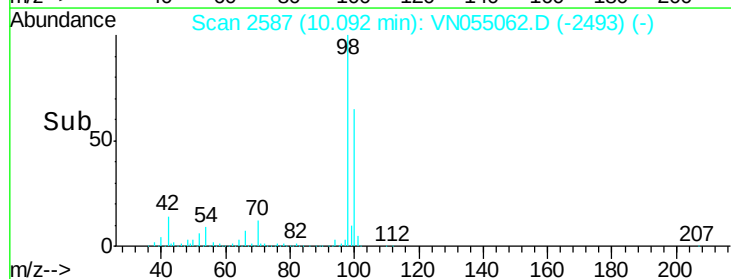
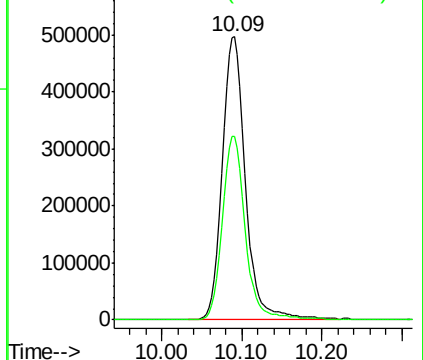
98 100

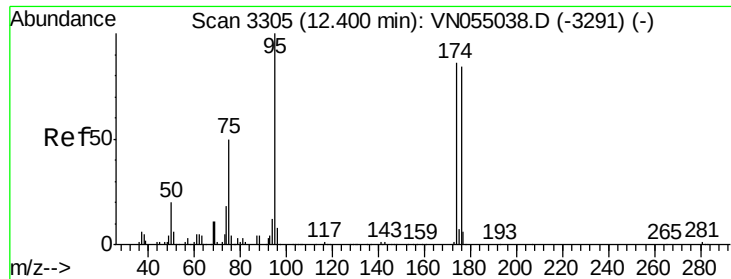
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampleId :

TP-11-S

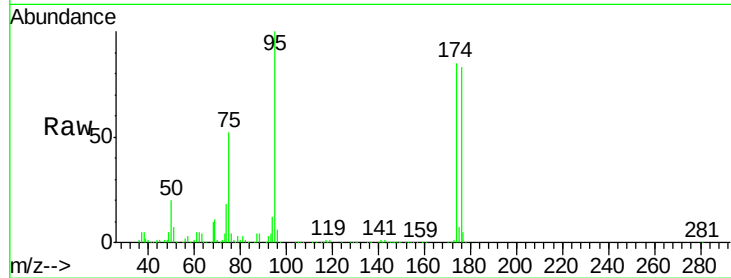
Tot Ion: 95 Resp: 298230

Ion Ratio Lower Upper

95 100

174 85.9 0.0 174.4

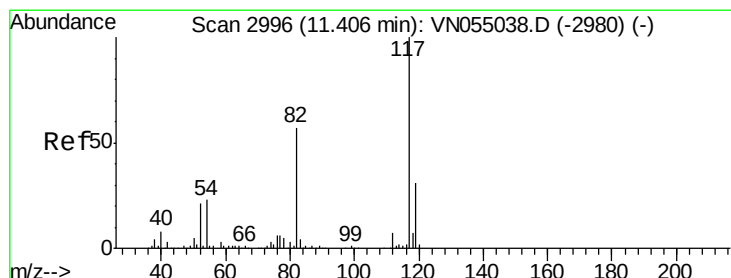
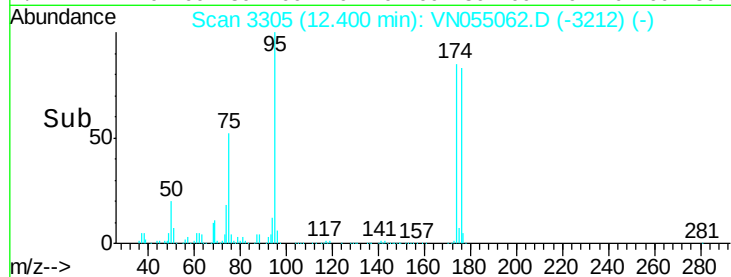
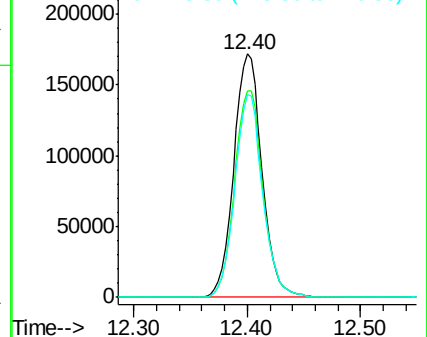
176 82.5 0.0 166.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

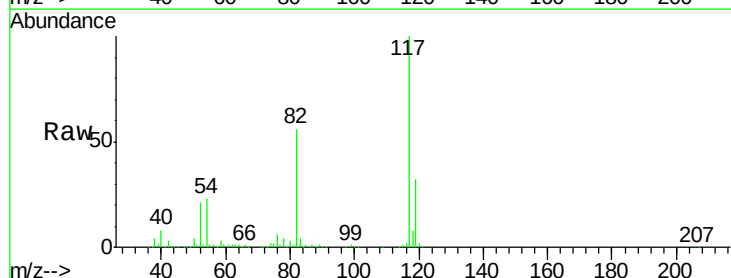
Tgt Ion: 117 Resp: 709130

Ion Ratio Lower Upper

117 100

82 56.5 44.6 66.8

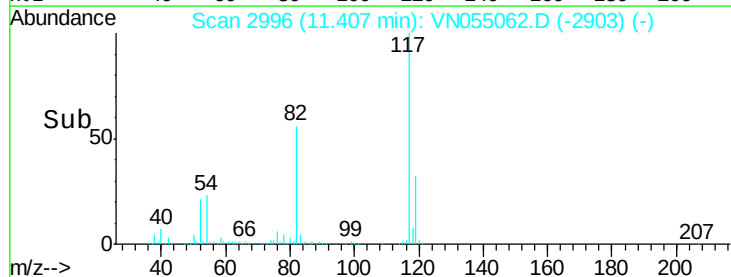
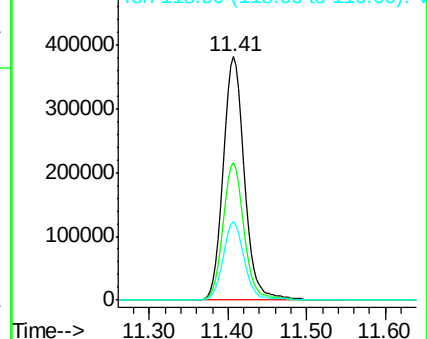
119 32.2 25.5 38.3

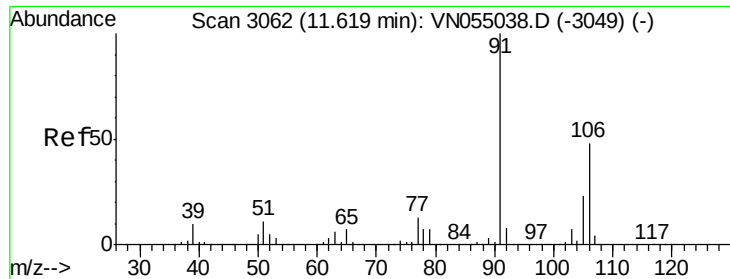


Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)

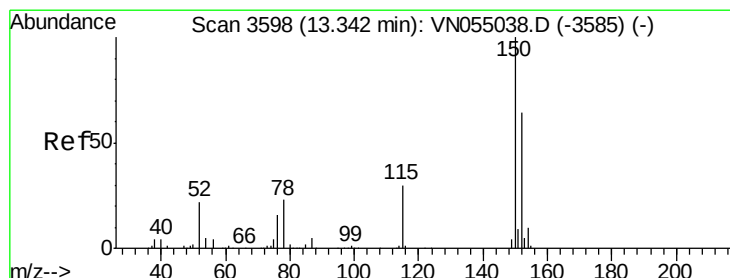
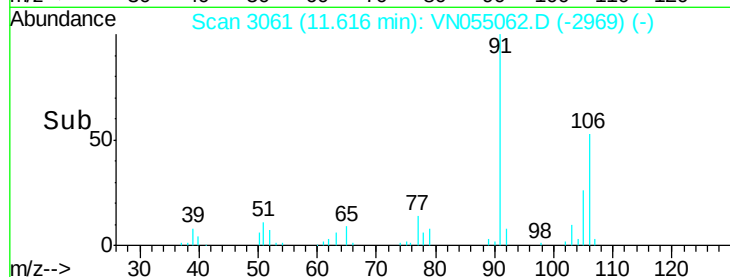
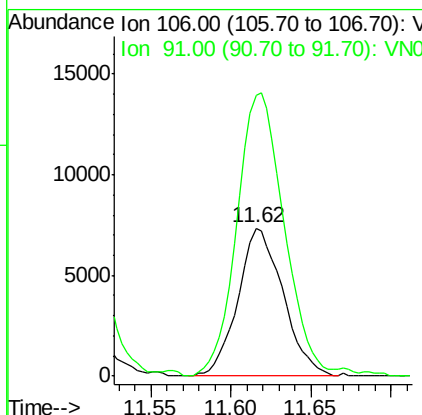
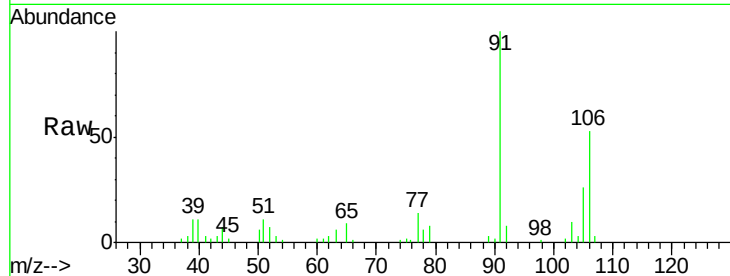




#68
m/p-Xvlenes
Concen: 1.535 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

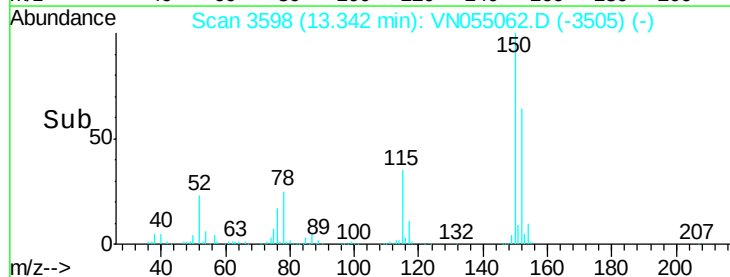
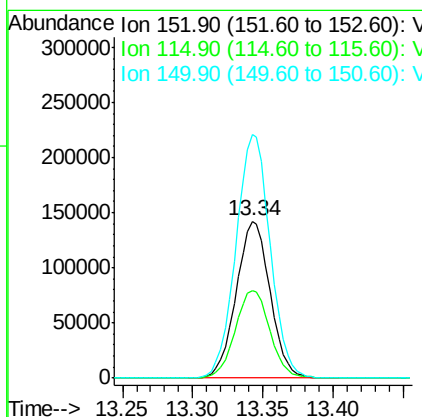
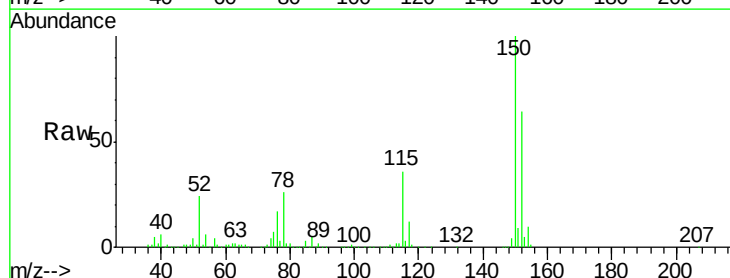
Instrument :
MSVOA_N
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TP-11-S

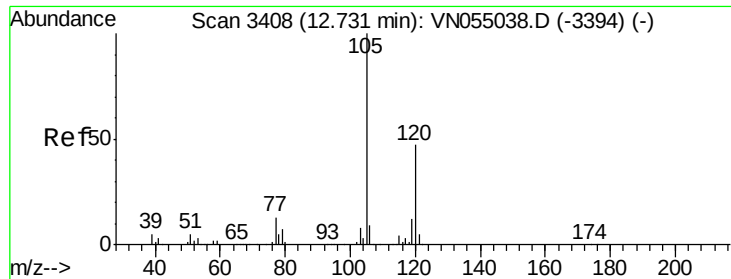
Tot Ion:106 Resp: 14165
Ion Ratio Lower Upper
106 100
91 199.4 165.9 248.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion:152 Resp: 239424
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.6
150 157.0 0.0 347.2

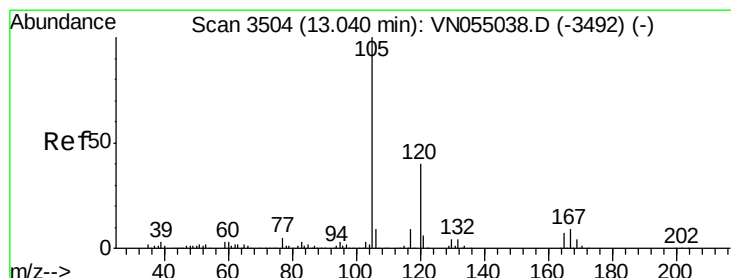
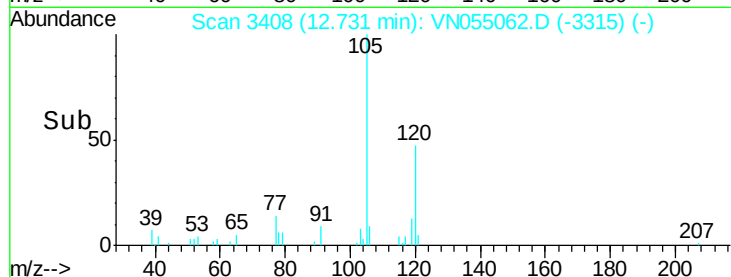
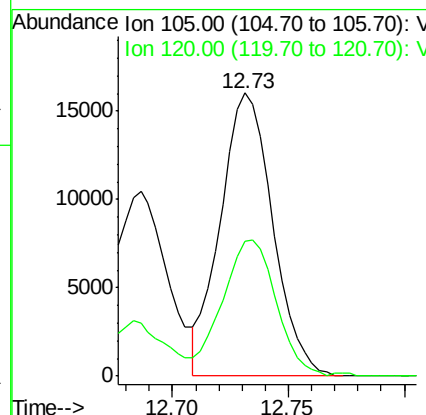
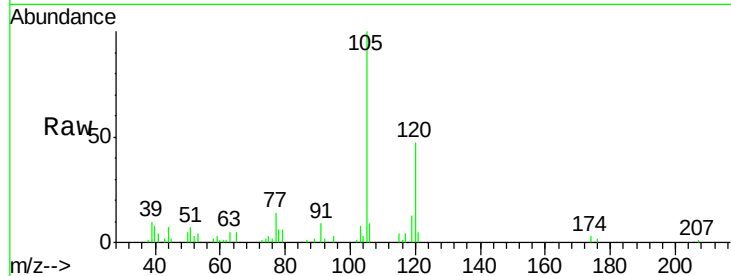




#80
 1,3,5-Trimethylbenzene
 Concen: 1.468 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

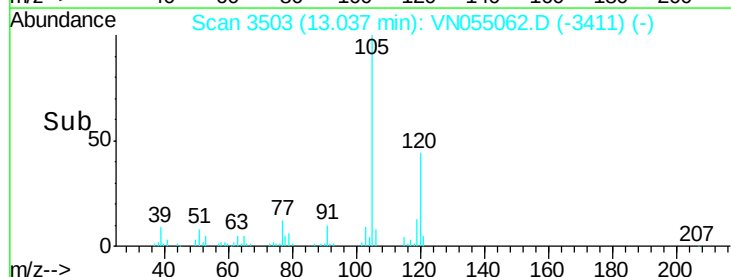
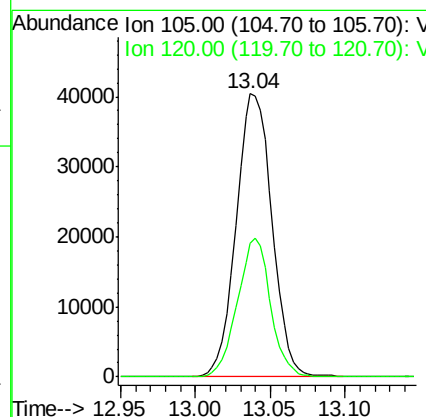
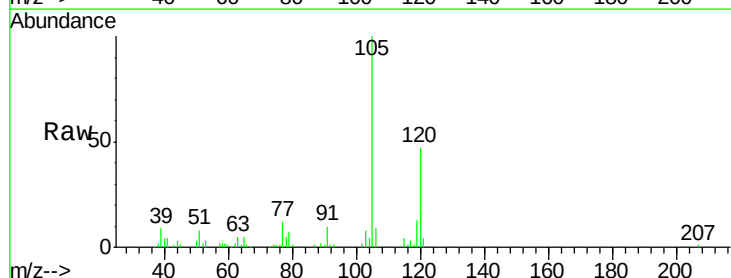
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11-S

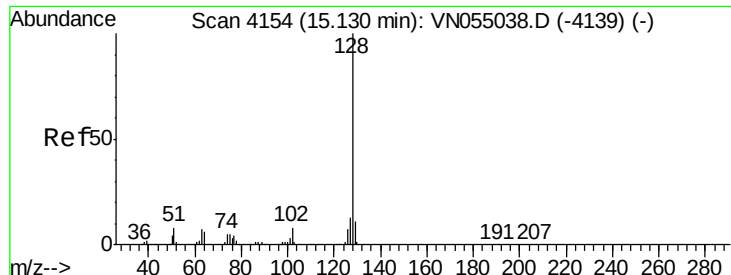
Tot Ion:105 Resp: 25161
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.145 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion:105 Resp: 67357
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3

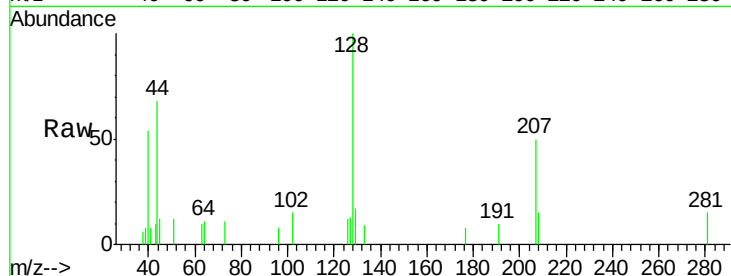




#95
Naphthalene
Concen: 3.580 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Instrument :
MSVOA_N
ClientSampleId :
TP-11-S

Tot Ion:128 Resp: 4578
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 12.3 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

