

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053740.D
 Acq On : 12 Feb 2019 19:34
 Operator : JC/SP
 Sample : K1462-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Quant Time: Feb 13 06:05:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

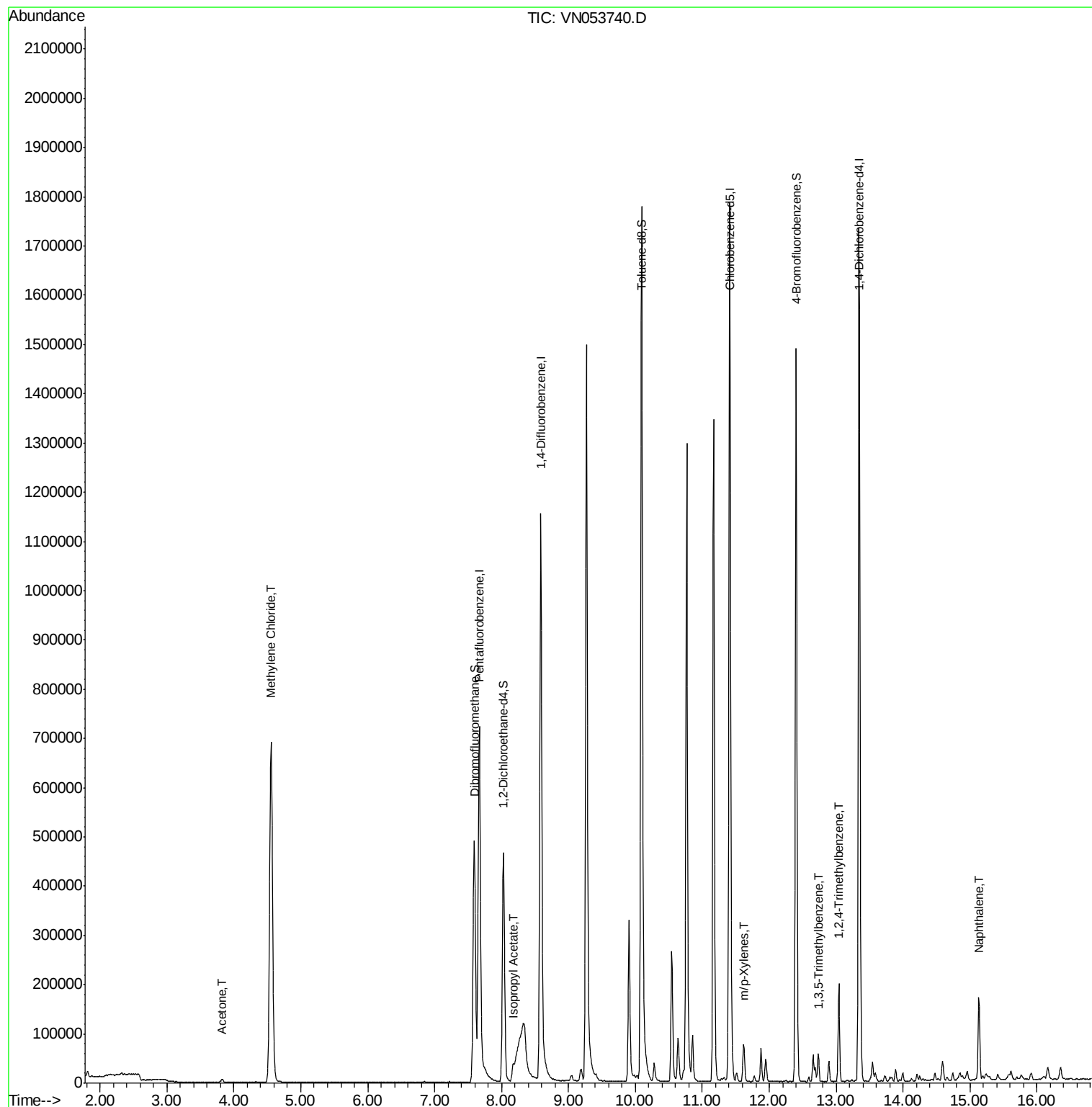
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	734055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1205988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1184629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	507662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392908	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	385992	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.09	98	1470794	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	526433	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
Target Compounds						
16) Acetone	3.83	43	10579	5.601	ug/l	100
20) Methylene Chloride	4.56	84	556147	70.180	ug/l	98
43) Isopropyl Acetate	8.17	43	40027	3.414	ug/l #	74
68) m/p-Xylenes	11.62	106	26491	1.679	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	31346	1.059	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	114828	3.808	ug/l	98
95) Naphthalene	15.13	128	152037	8.317	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053740.D

Acq: 12 Feb 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

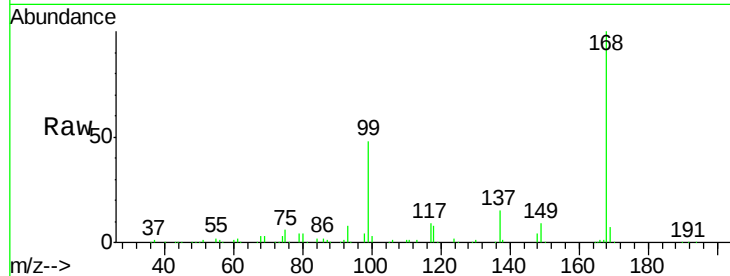
TP-2-D

Tot Ion:168 Resp: 734055

Ion Ratio Lower Upper

168 100

99 47.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

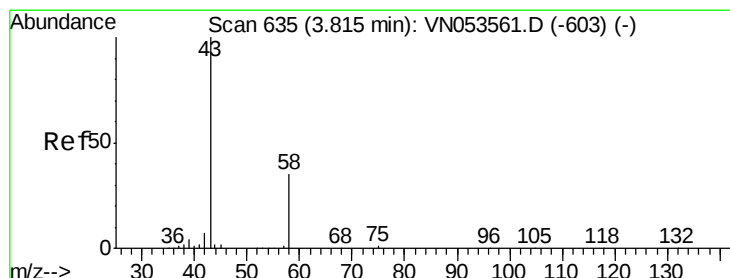
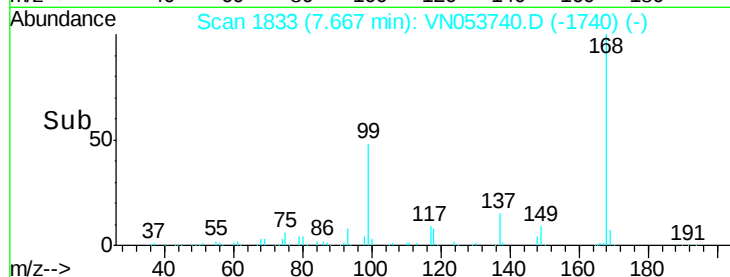
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.601 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN053740.D

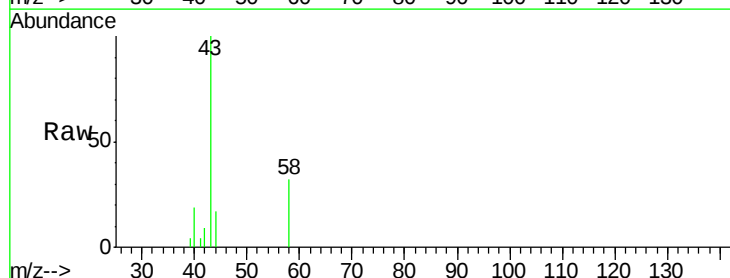
Acq: 12 Feb 2019 19:34

Tgt Ion: 43 Resp: 10579

Ion Ratio Lower Upper

43 100

58 33.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

4000

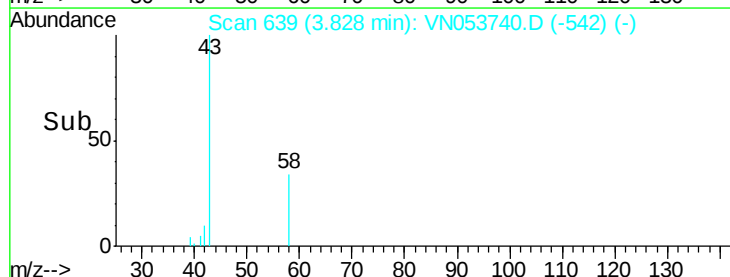
3000

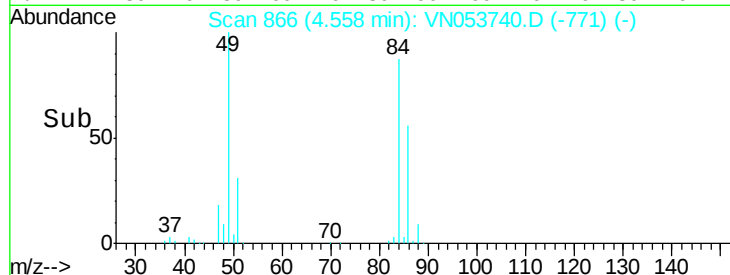
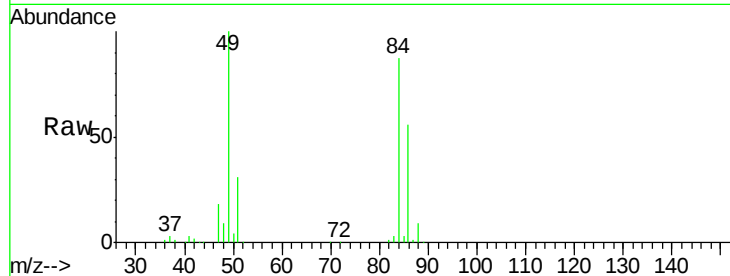
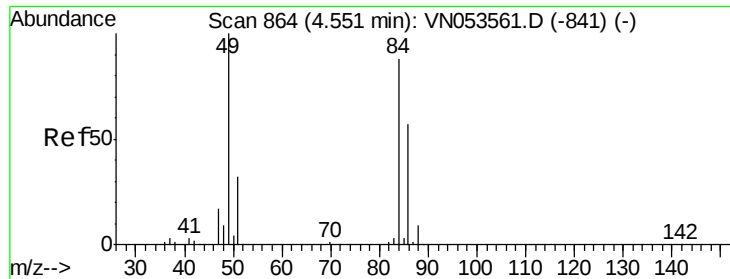
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

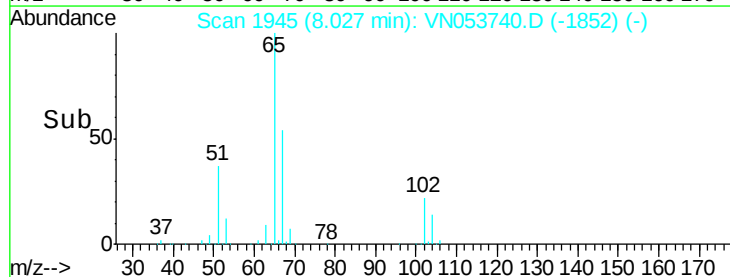
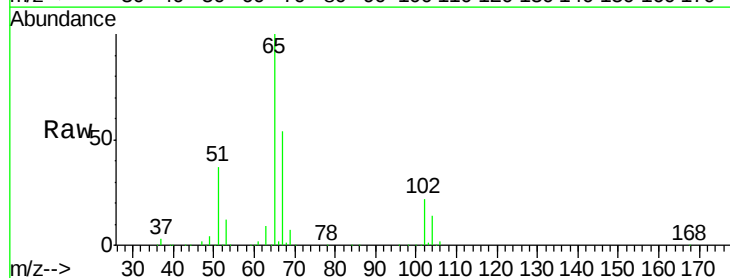
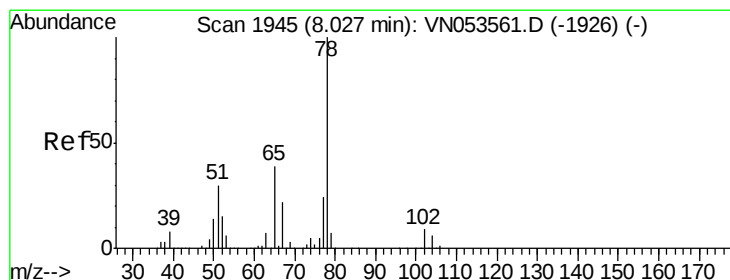
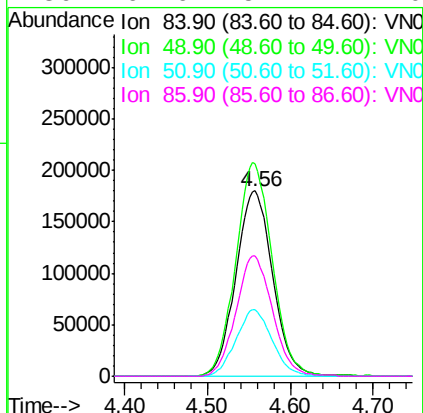




#20
Methvlene Chloride
Concen: 70.180 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053740.D
Acq: 12 Feb 2019 19:34

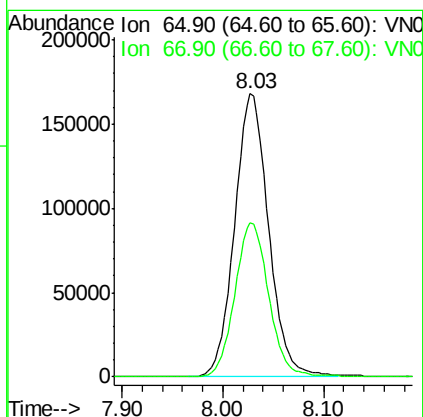
Instrument :
MSVOA_N
ClientSampled :
TP-2-D

Tot Ion:	84	Resp:	556147
Ion	Ratio	Lower	Upper
84	100		
49	114.5	94.3	141.5
51	36.0	29.4	44.2
86	64.6	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.355 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053740.D
Acq: 12 Feb 2019 19:34

Tgt Ion:	65	Resp:	392908
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.2

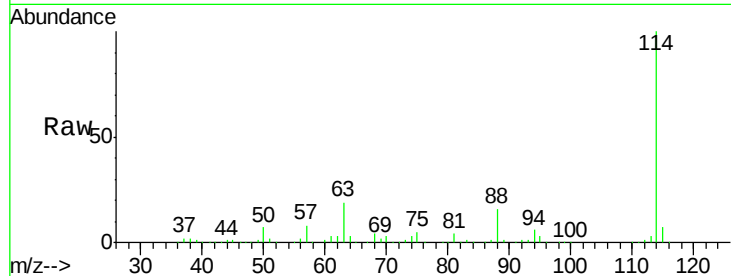




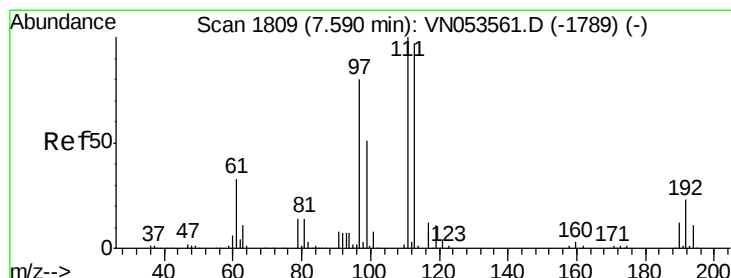
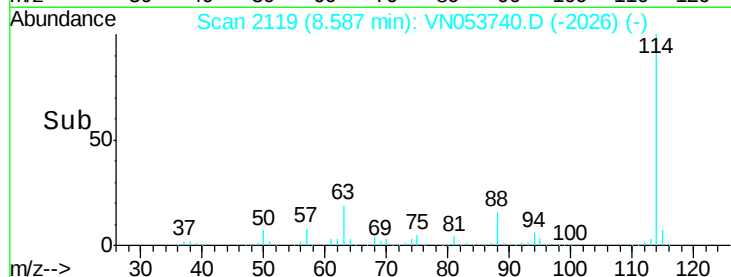
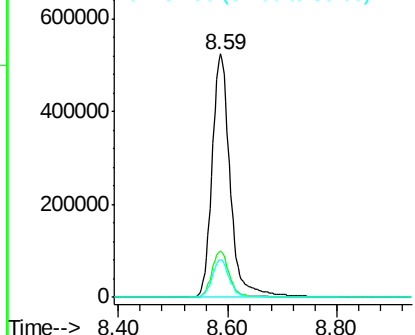
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053740.D
 Acq: 12 Feb 2019 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Tot Ion:114 Resp: 1205988
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.7 0.0 30.4

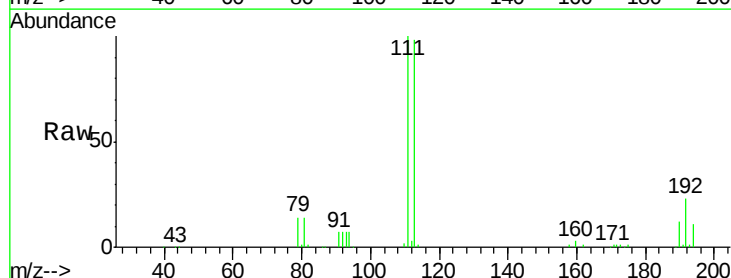


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

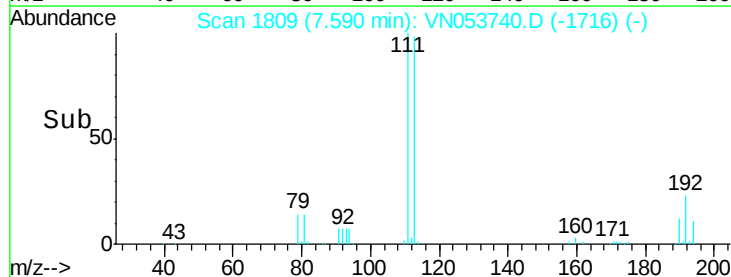
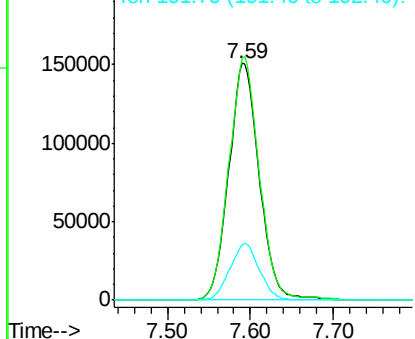


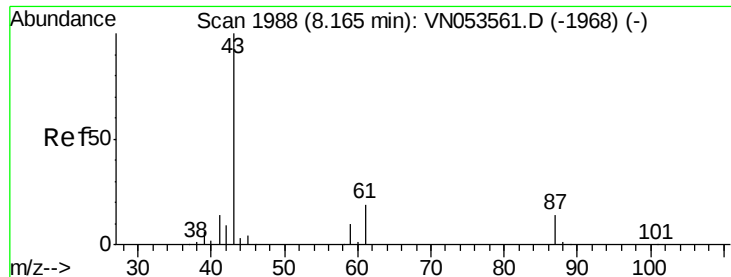
#35
 Dibromofluoromethane
 Concen: 50.653 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053740.D
 Acq: 12 Feb 2019 19:34

Tgt Ion:113 Resp: 385992
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 23.2 18.2 27.2



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: 3.414 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

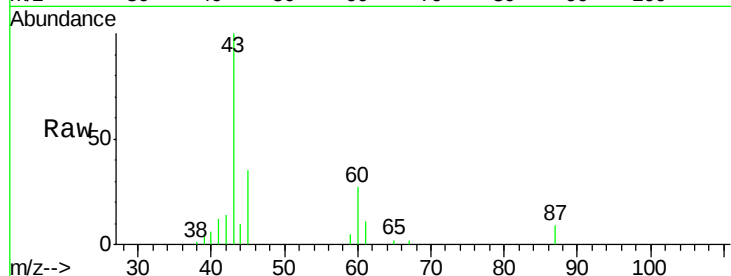
Tot Ion: 43 Resp: 40027

Ion Ratio Lower Upper

43 100

61 12.8 23.9 35.9#

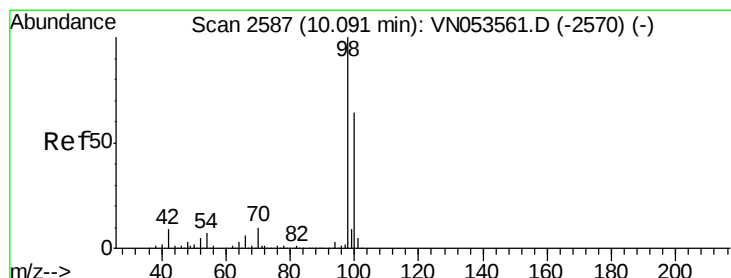
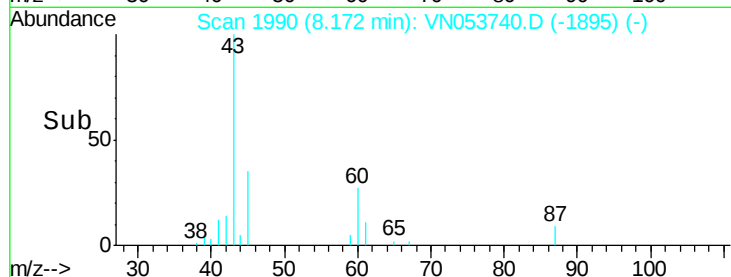
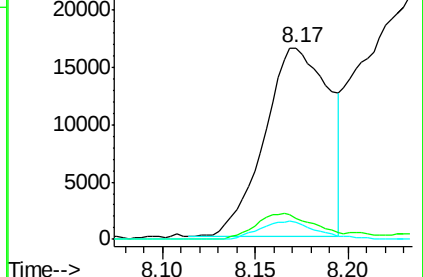
87 8.5 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053740.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053740.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053740.D (-1968) (-)



#50

Toluene-d8

Concen: 51.404 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053740.D

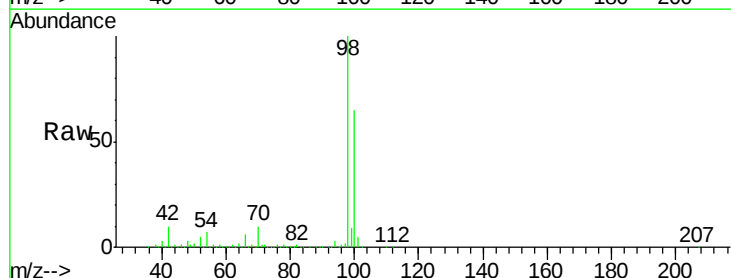
Acq: 12 Feb 2019 19:34

Tgt Ion: 98 Resp: 1470794

Ion Ratio Lower Upper

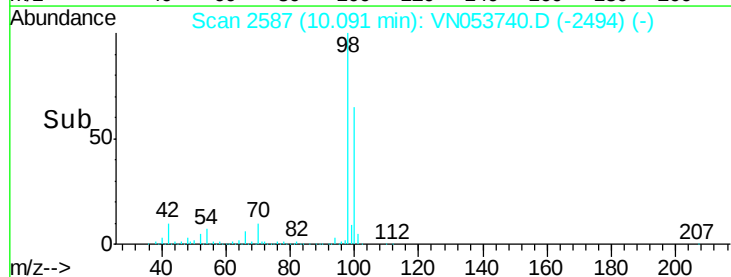
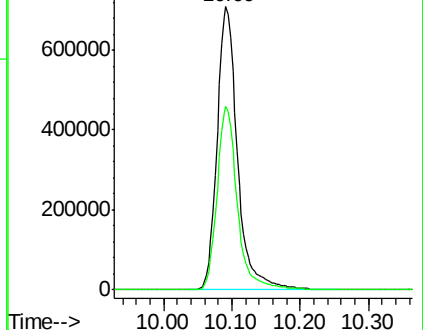
98 100

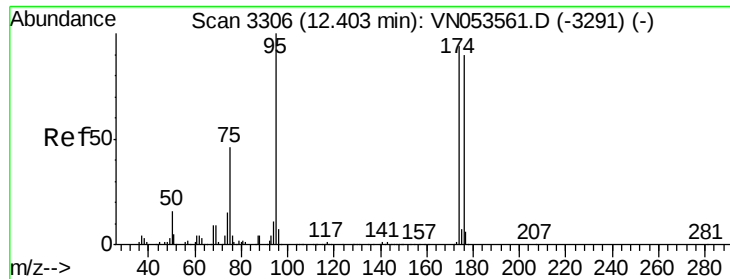
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053740.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053740.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 55.165 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

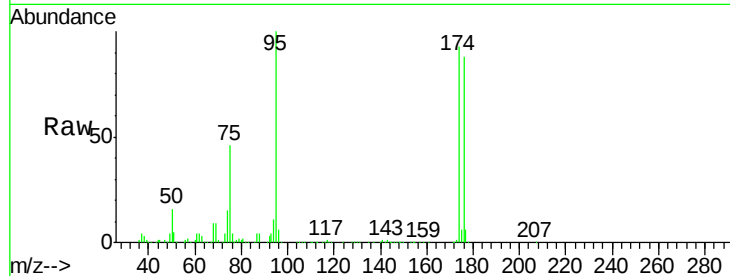
Tot Ion: 95 Resp: 526433

Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.2

176 89.9 0.0 177.4



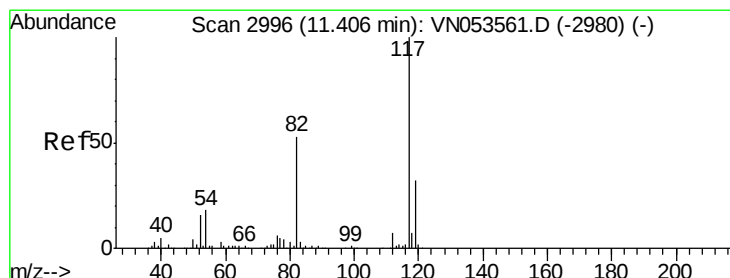
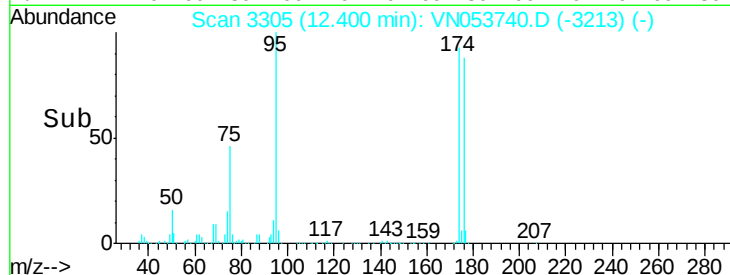
Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

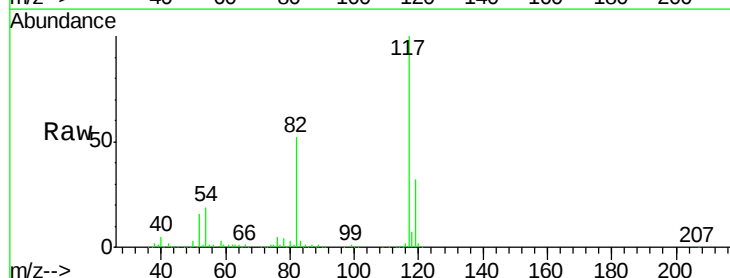
Tgt Ion: 117 Resp: 1184629

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

119 32.0 26.0 39.0



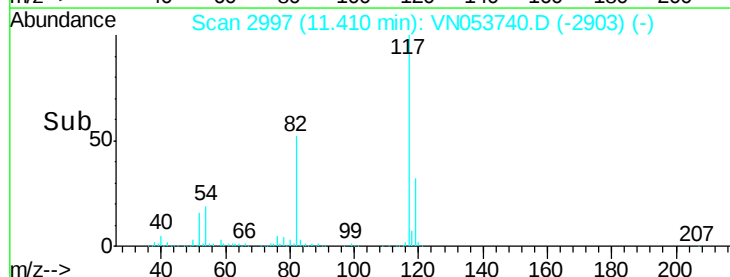
Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

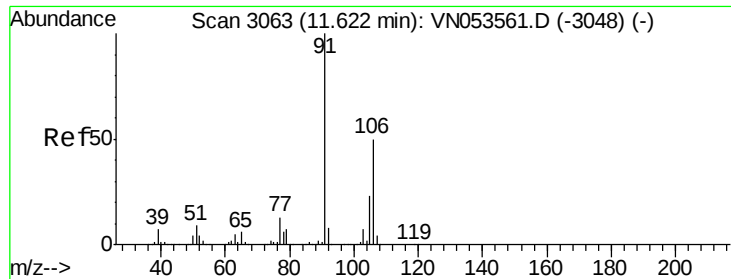
Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

11.41

Time--> 11.30 11.40 11.50





#68

m/p-Xvlenes

Concen: 1.679 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

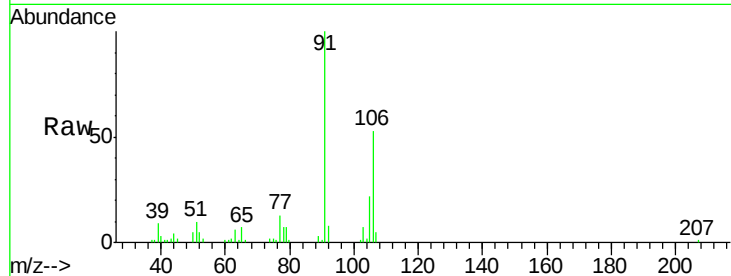
TP-2-D

Tot Ion:106 Resp: 26491

Ion Ratio Lower Upper

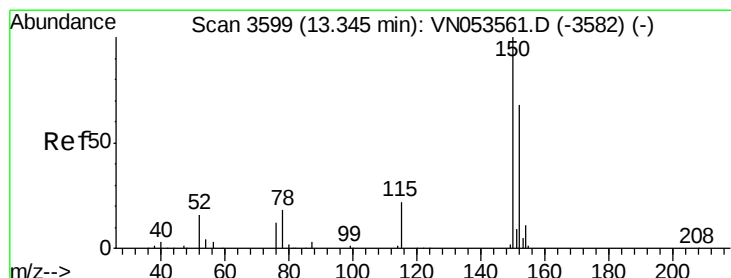
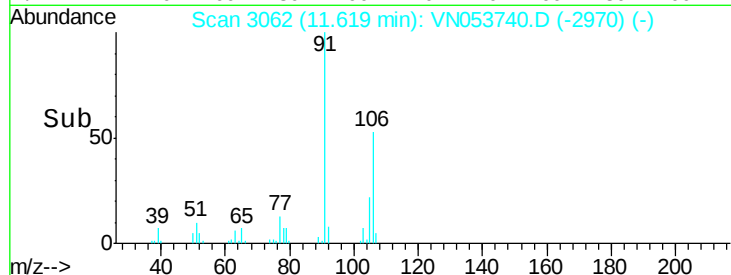
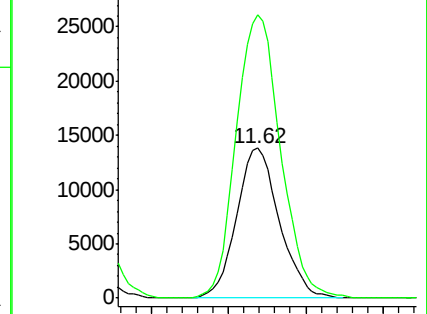
106 100

91 196.4 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

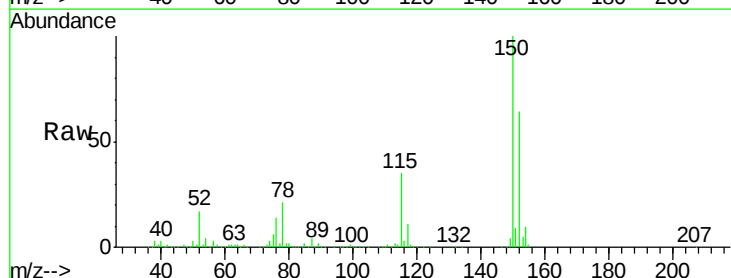
Tgt Ion:152 Resp: 507662

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

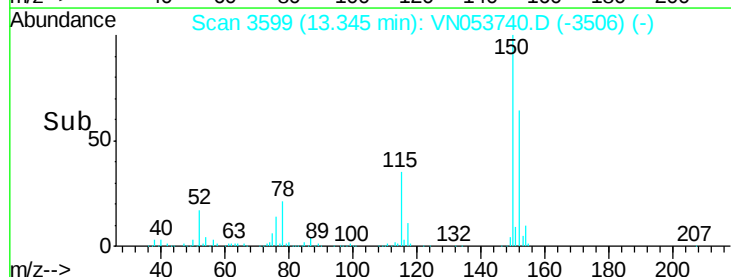
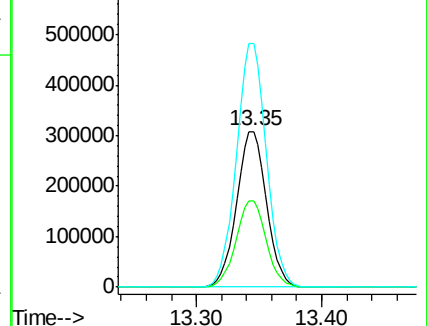
150 156.8 0.0 349.0

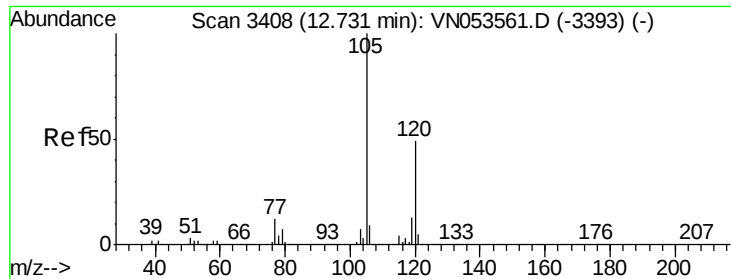


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.059 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

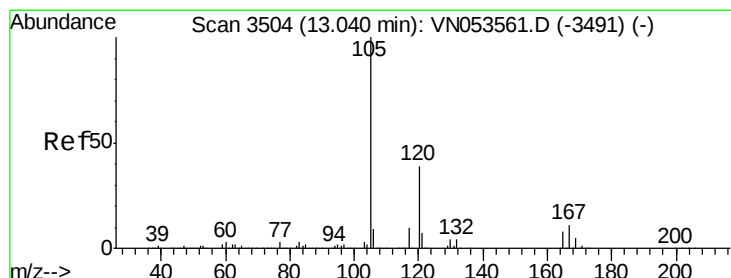
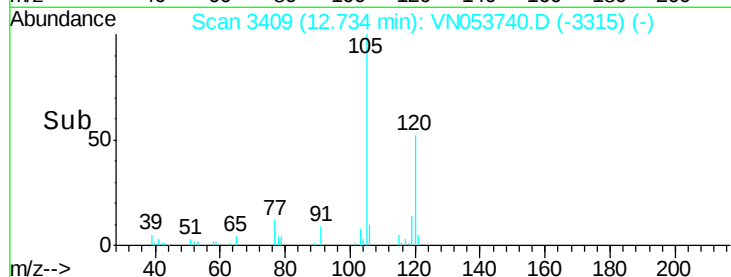
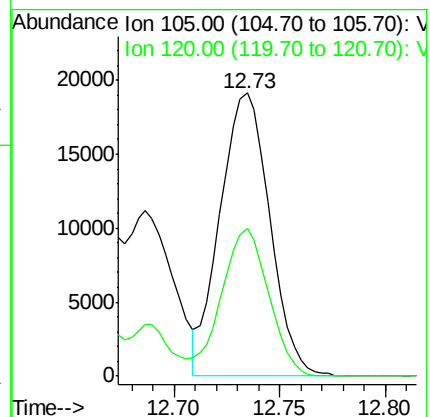
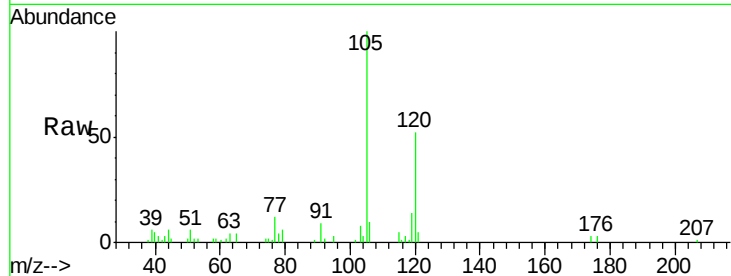
TP-2-D

Tot Ion:105 Resp: 31346

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6



#84

1,2,4-Trimethylbenzene

Concen: 3.808 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053740.D

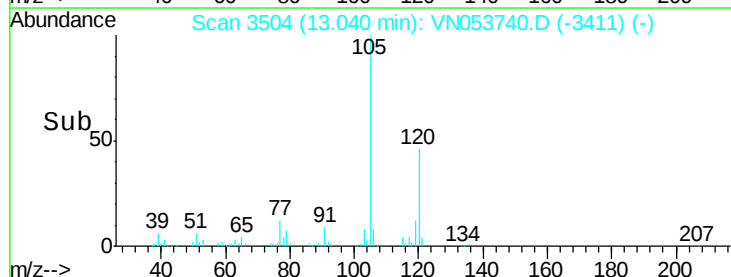
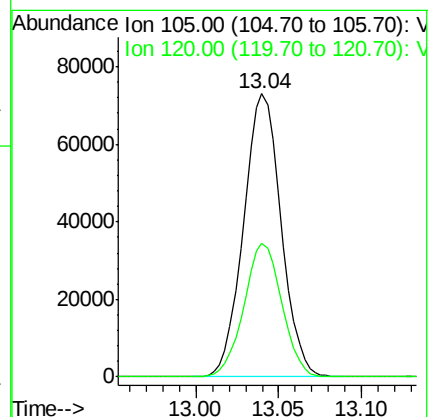
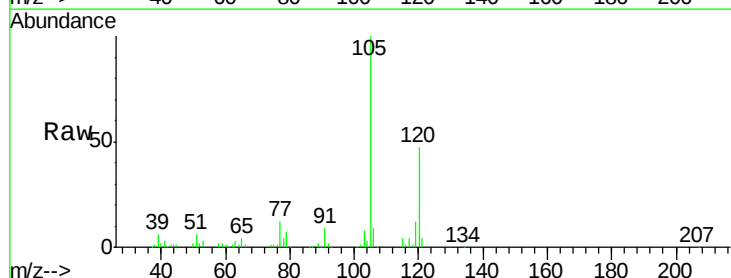
Acq: 12 Feb 2019 19:34

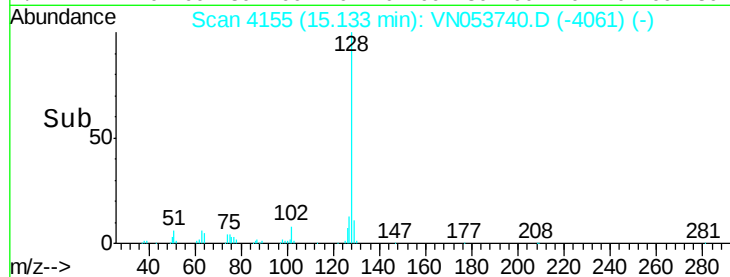
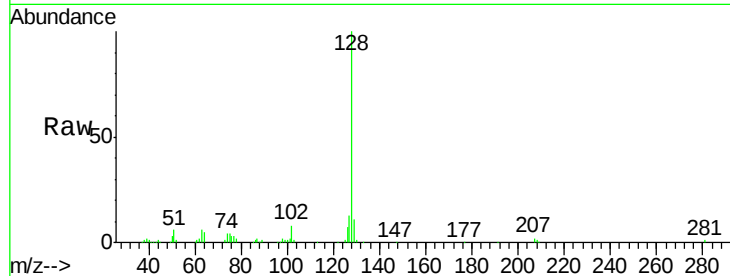
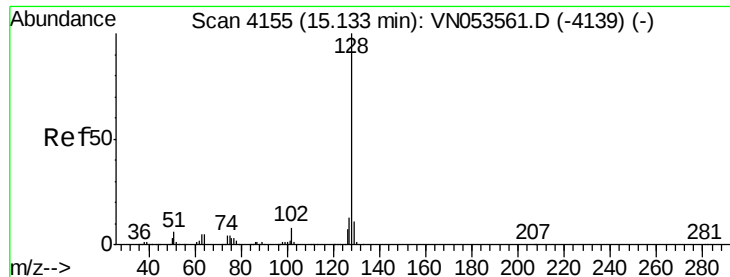
Tgt Ion:105 Resp: 114828

Ion Ratio Lower Upper

105 100

120 47.6 23.0 69.0





#95

Naphthalene

Concen: 8.317 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053740.D

Acq: 12 Feb 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

Tot Ion:128 Resp: 152037

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.6 13.0

