

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049455.D
 Acq On : 20 Jun 2018 23:30
 Operator : MD\SY
 Sample : J3584-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

Quant Time: Jun 21 03:18:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1176490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1887316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1566314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489330	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	805148	51.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	703510	46.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.14%	
50) Toluene-d8	10.09	98	2571934	44.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	12.41	95	677844	35.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.52%	

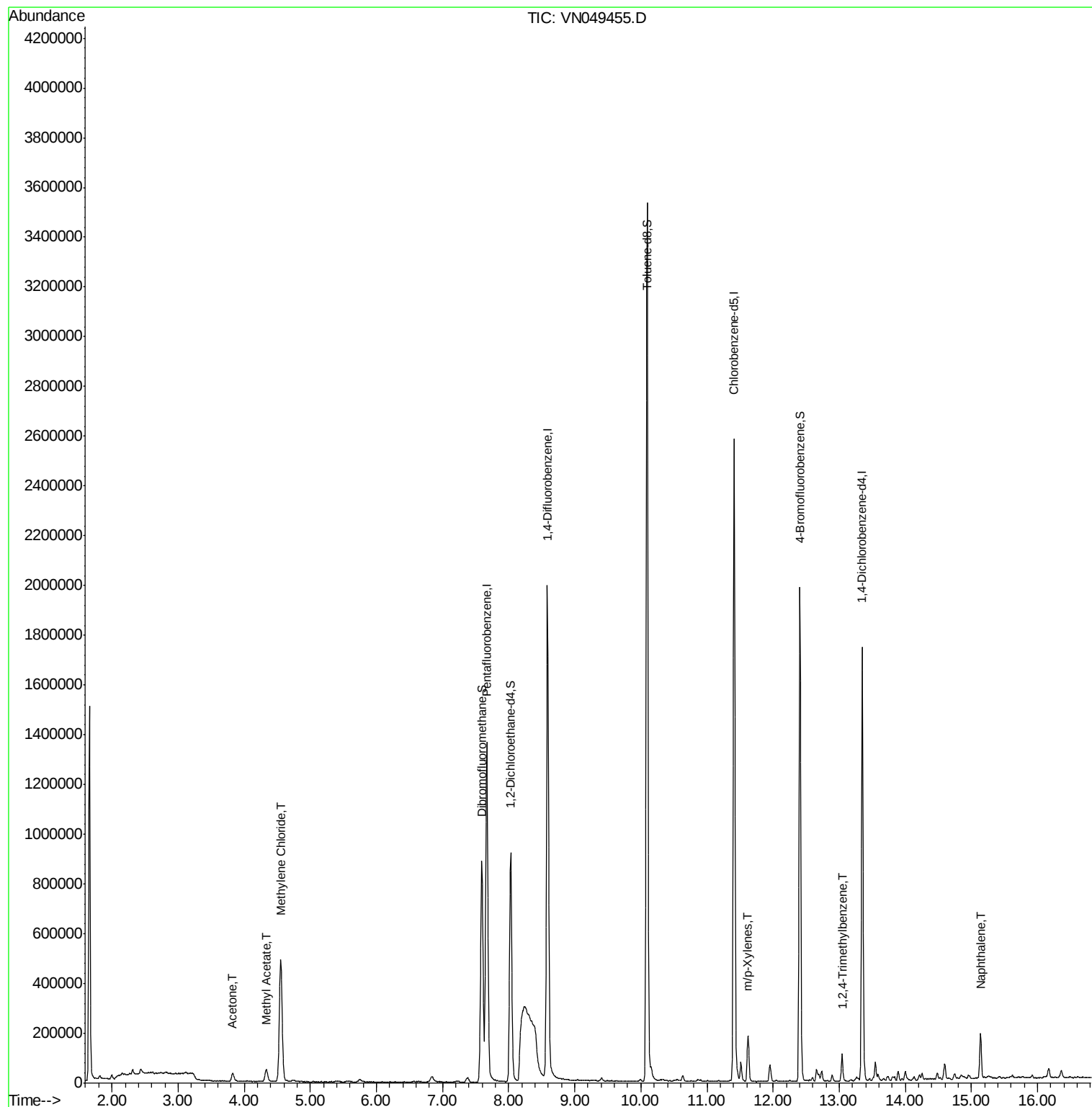
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	56071	14.80	ug/l	# 83
18) Methyl Acetate	4.33	43	96845	8.38	ug/l	95
20) Methylene Chloride	4.55	84	370863	23.44	ug/l	94
68) m/p-Xylenes	11.62	106	60080	2.39	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	60332	1.80	ug/l	99
95) Naphthalene	15.14	128	159447	13.46	ug/l	99

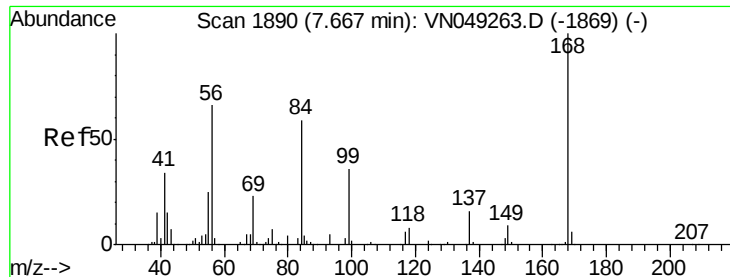
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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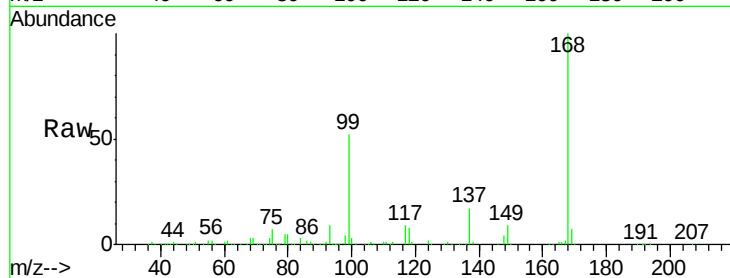


#1

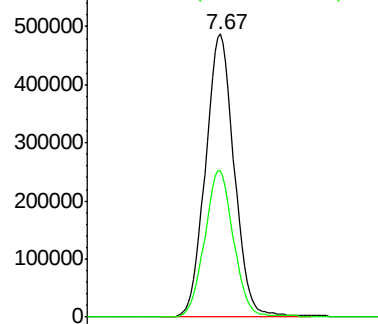
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN049455.D
 Acq: 20 Jun 2018 23:30

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

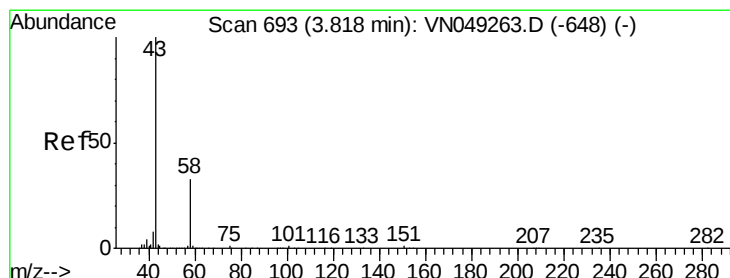
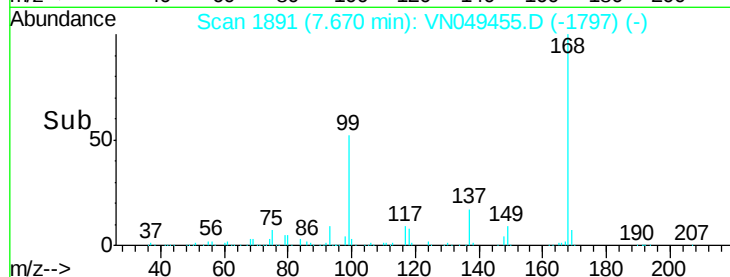
Tot Ion:168 Resp: 1176490
 Ion Ratio Lower Upper
 168 100
 99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN0



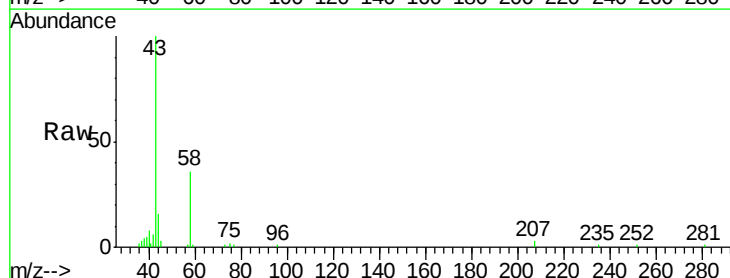
Time-->



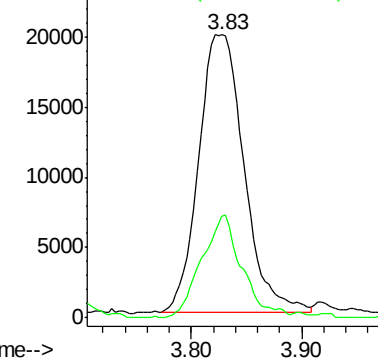
#16

Acetone
 Concen: 14.80 ug/l
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN049455.D
 Acq: 20 Jun 2018 23:30

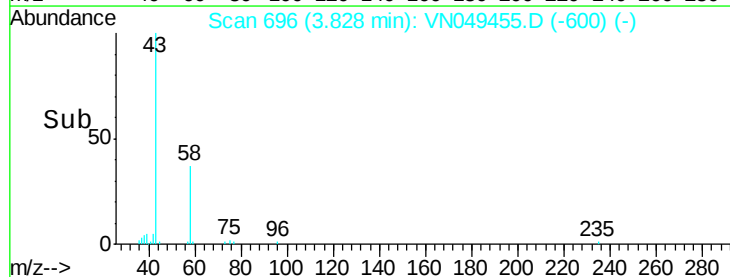
Tgt Ion: 43 Resp: 56071
 Ion Ratio Lower Upper
 43 100
 58 36.9 22.4 33.6#

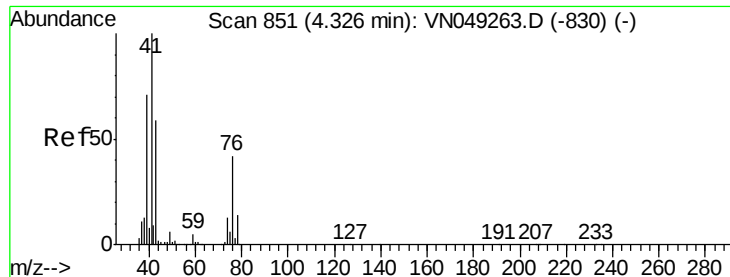


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



Time-->

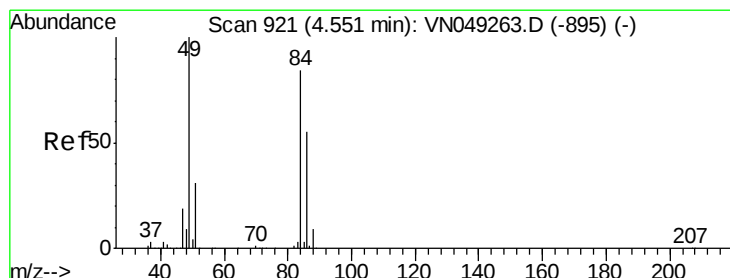
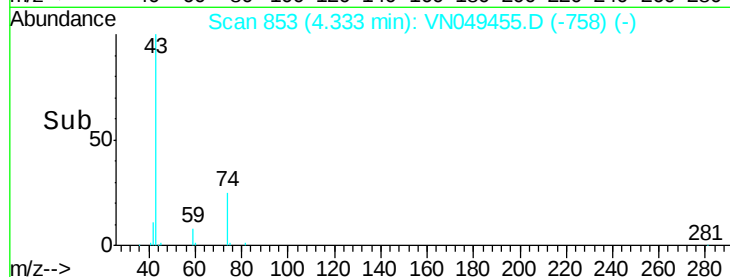
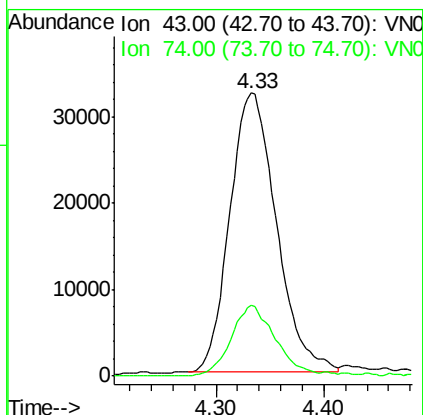
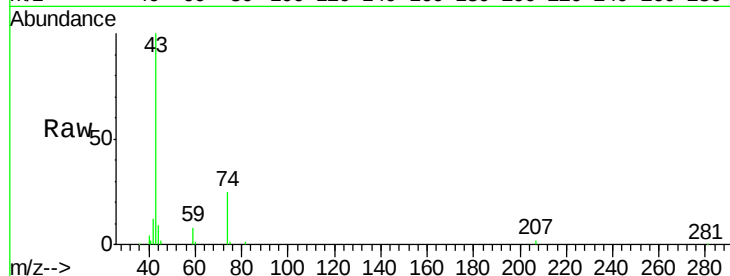




#18
Methvl Acetate
Concen: 8.38 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049455.D
Acq: 20 Jun 2018 23:30

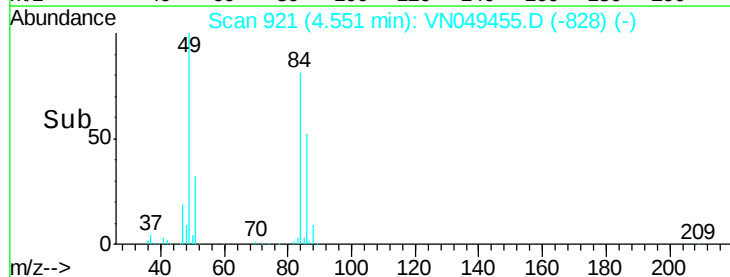
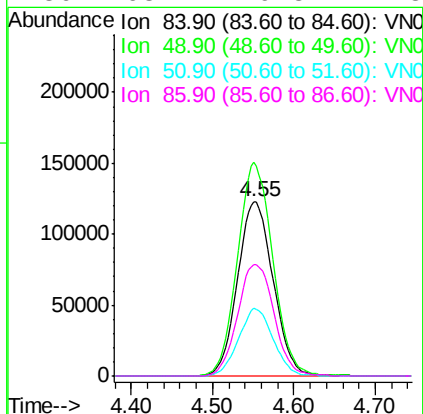
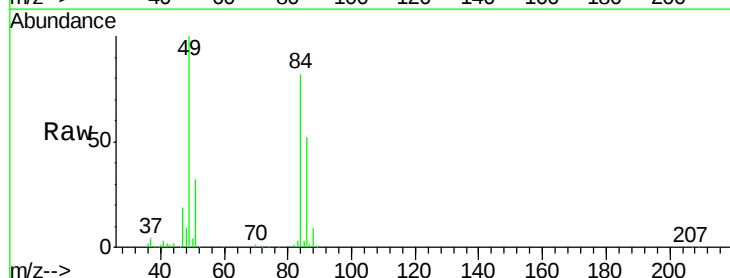
Instrument :
MSVOA_N
ClientSampled :
TP-1-S

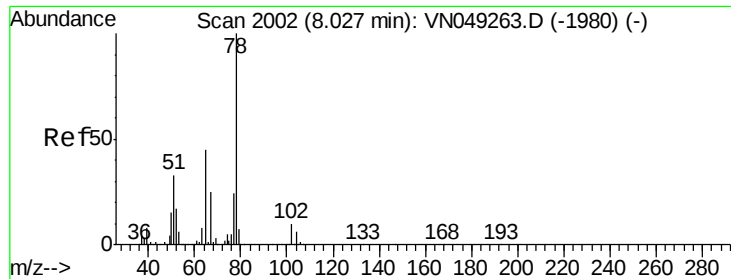
Tot Ion: 43 Resp: 96845
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 23.44 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049455.D
Acq: 20 Jun 2018 23:30

Tgt Ion: 84 Resp: 370863
Ion Ratio Lower Upper
84 100
49 122.7 106.9 160.3
51 38.8 32.7 49.1
86 63.7 49.8 74.8

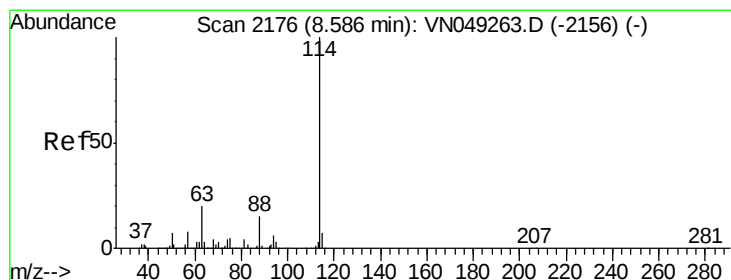
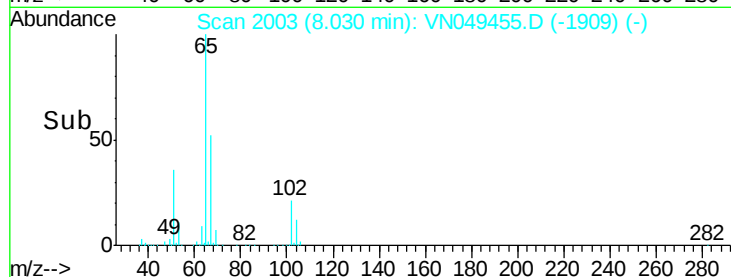
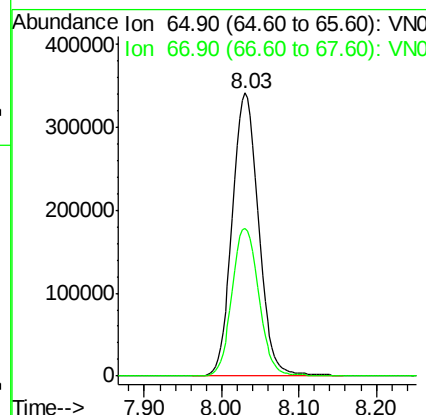
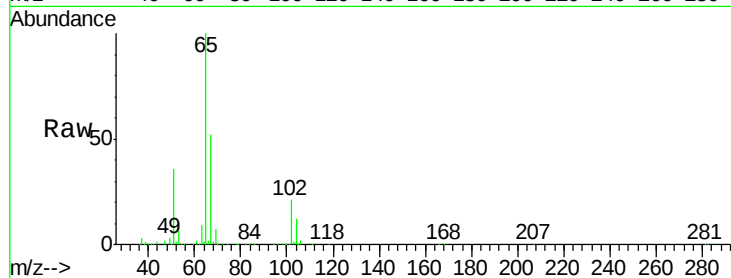




#33
 1,2-Dichloroethane-d4
 Concen: 51.60 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049455.D
 Acq: 20 Jun 2018 23:30

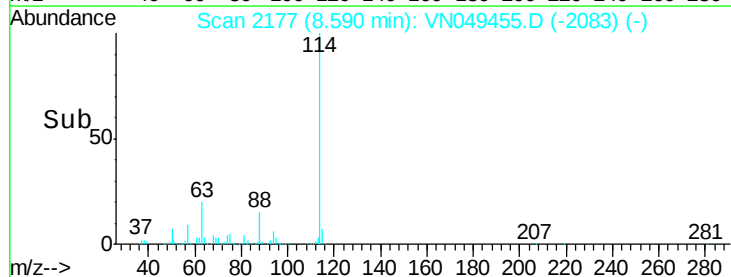
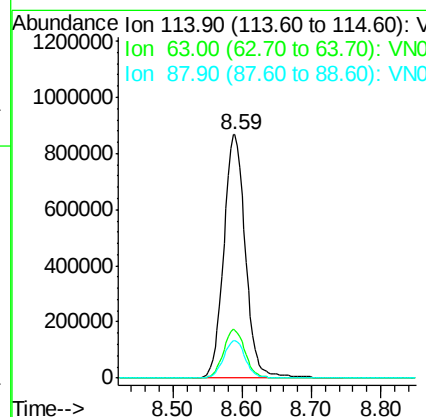
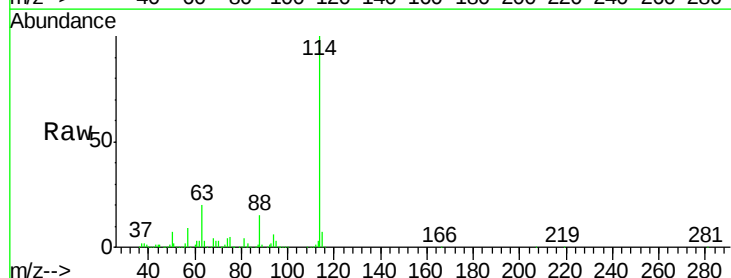
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

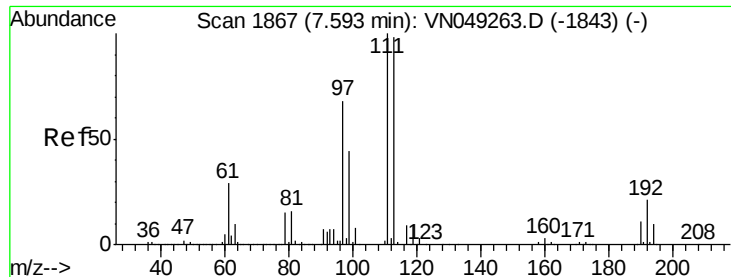
Tot Ion: 65 Resp: 805148
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049455.D
 Acq: 20 Jun 2018 23:30

Tgt Ion: 114 Resp: 1887316
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.4 0.0 31.4

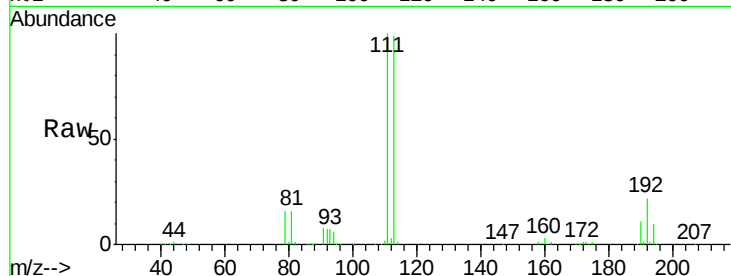




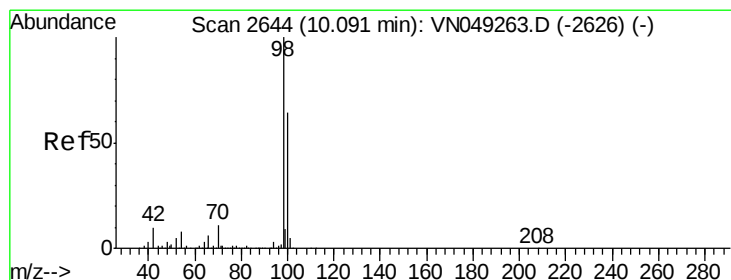
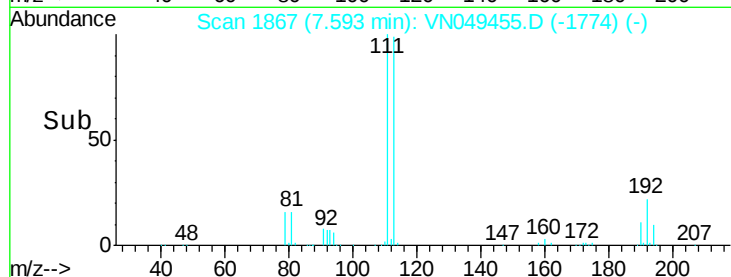
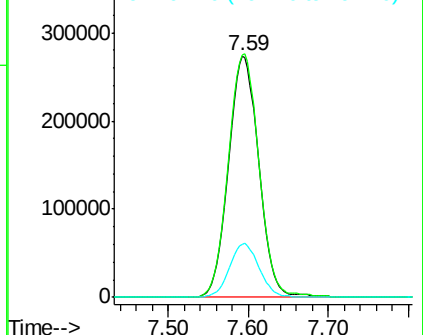
#35
Dibromofluoromethane
Concen: 46.07 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049455.D
Acq: 20 Jun 2018 23:30

Instrument :
MSVOA_N
ClientSampleId :
TP-1-S

Tot Ion:113 Resp: 703510
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 21.8 15.0 22.6

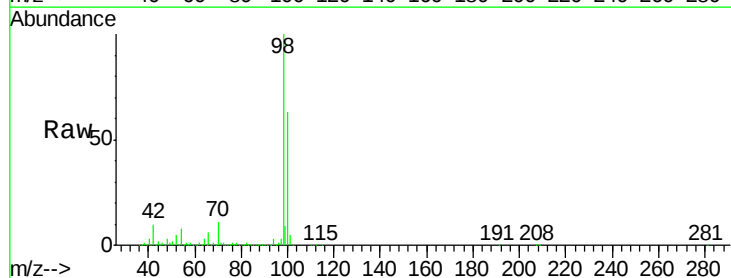


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

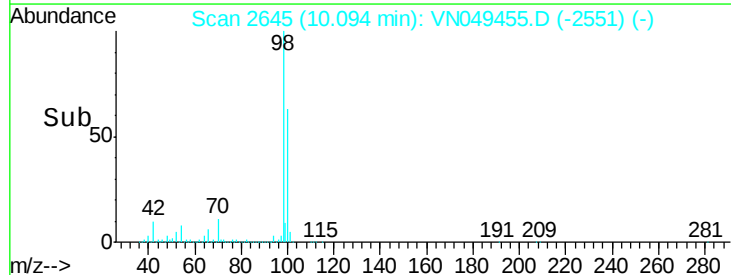
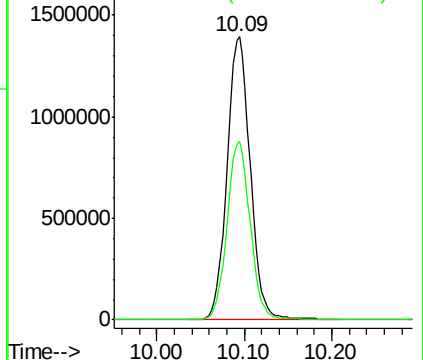


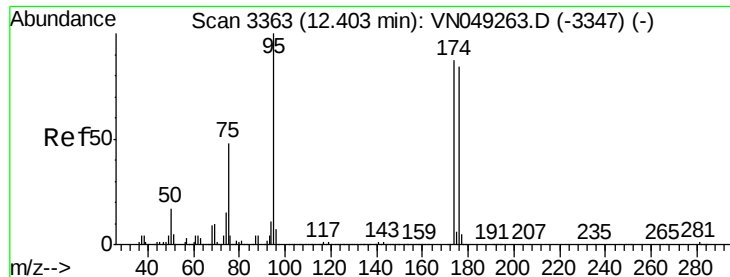
#50
Toluene-d8
Concen: 44.24 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049455.D
Acq: 20 Jun 2018 23:30

Tgt Ion: 98 Resp: 2571934
Ion Ratio Lower Upper
98 100
100 62.9 49.8 74.8



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





#62

4-Bromofluorobenzene

Concen: 35.26 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049455.D

Acq: 20 Jun 2018 23:30

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

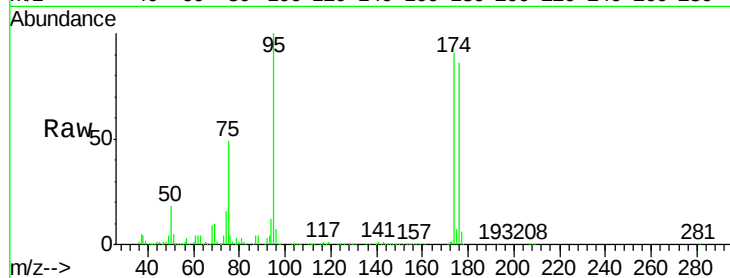
Tot Ion: 95 Resp: 677844

Ion Ratio Lower Upper

95 100

174 91.6 0.0 165.6

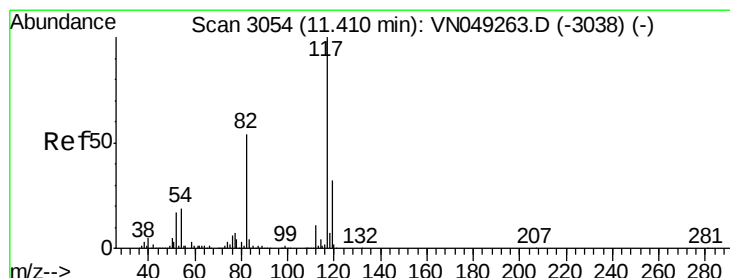
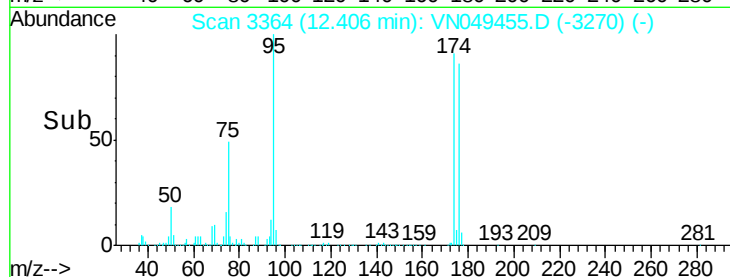
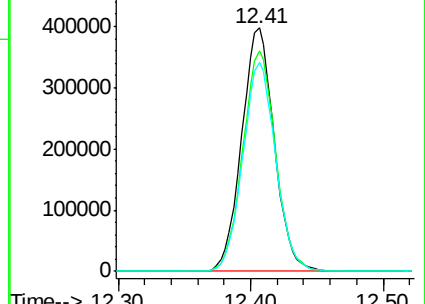
176 86.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049455.D

Acq: 20 Jun 2018 23:30

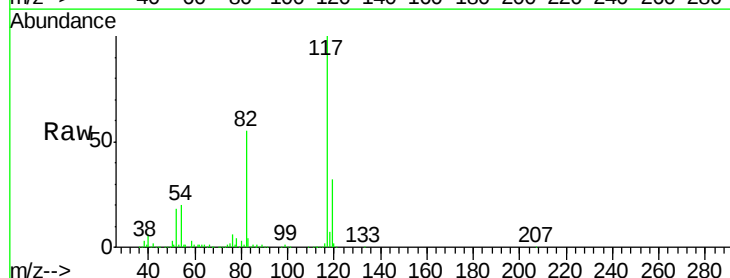
Tgt Ion: 117 Resp: 1566314

Ion Ratio Lower Upper

117 100

82 54.8 45.9 68.9

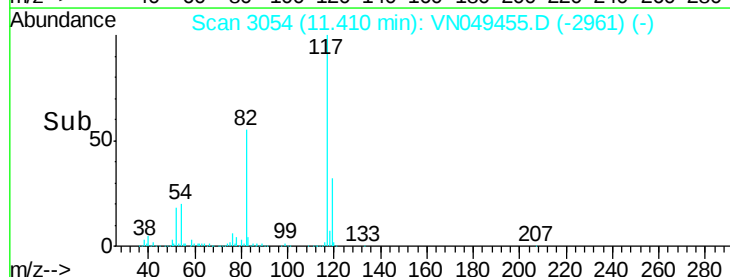
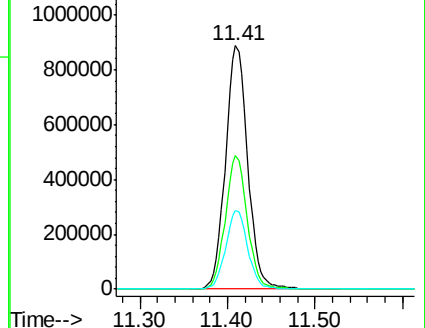
119 32.1 25.5 38.3

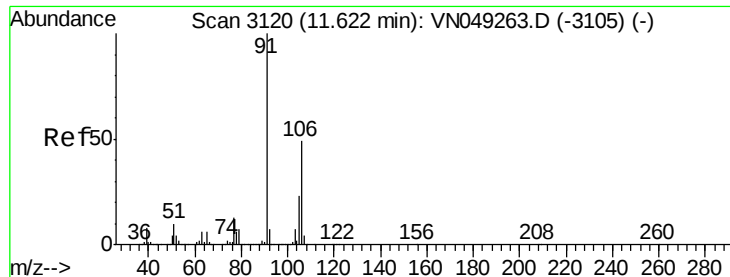


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)





#68

m/p-Xylenes

Concen: 2.39 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049455.D

Acq: 20 Jun 2018 23:30

Instrument :

MSVOA_N

ClientSampleId :

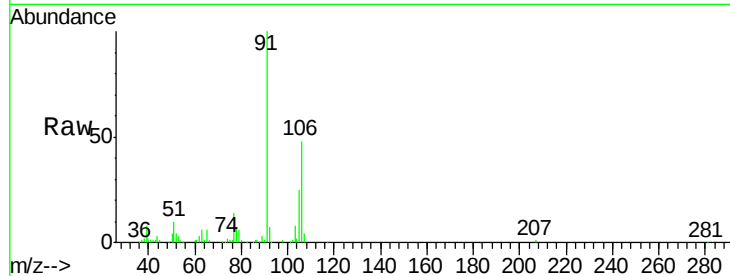
TP-1-S

Tot Ion:106 Resp: 60080

Ion Ratio Lower Upper

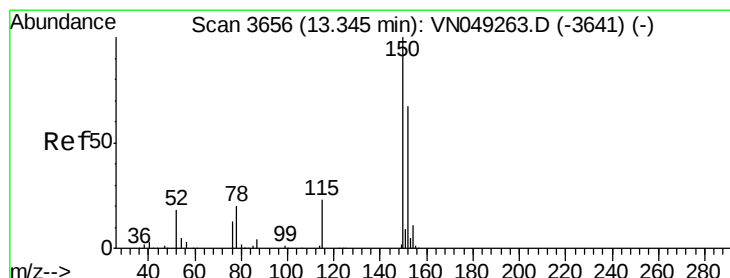
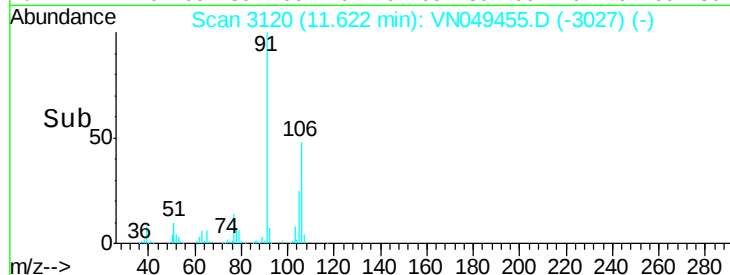
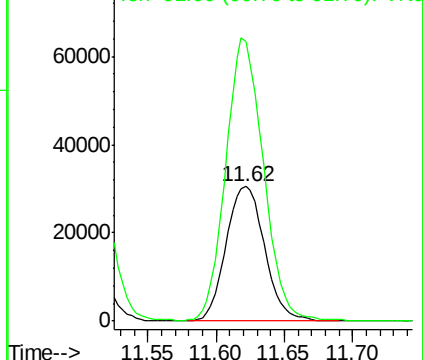
106 100

91 205.6 167.3 250.9



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049455.D

Acq: 20 Jun 2018 23:30

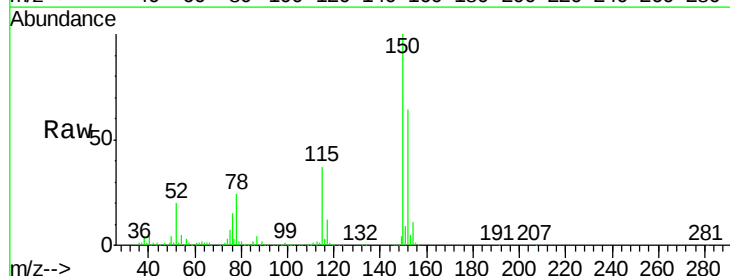
Tgt Ion:152 Resp: 489330

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

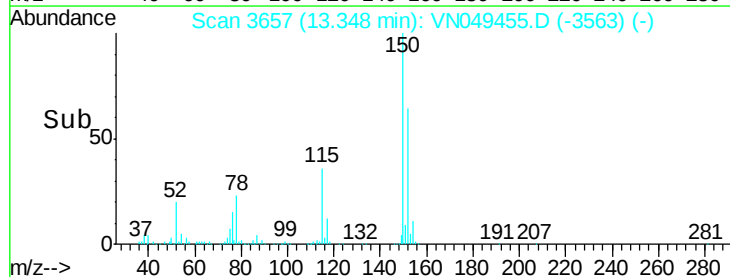
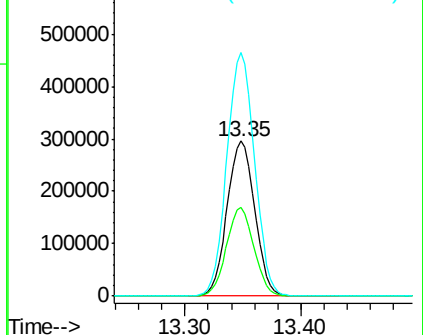
150 157.4 0.0 351.0

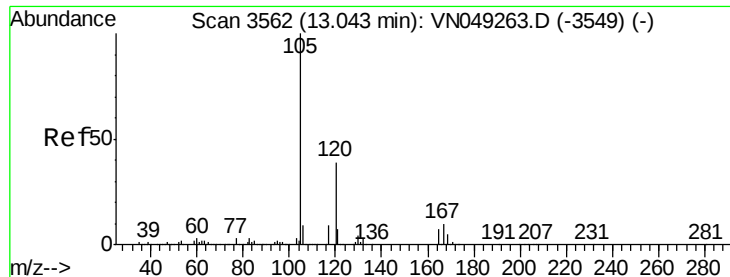


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.80 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049455.D

Acq: 20 Jun 2018 23:30

Instrument :

MSVOA_N

ClientSampled :

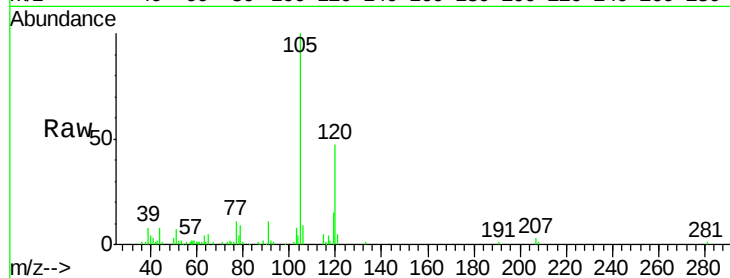
TP-1-S

Tot Ion:105 Resp: 60332

Ion Ratio Lower Upper

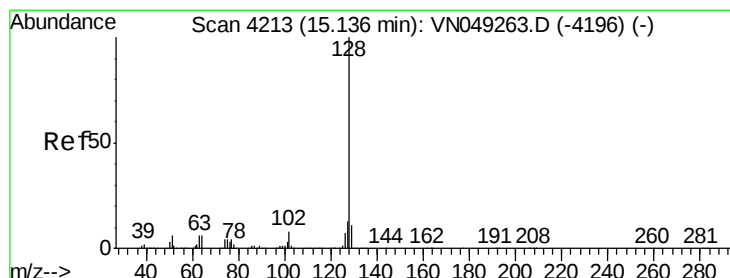
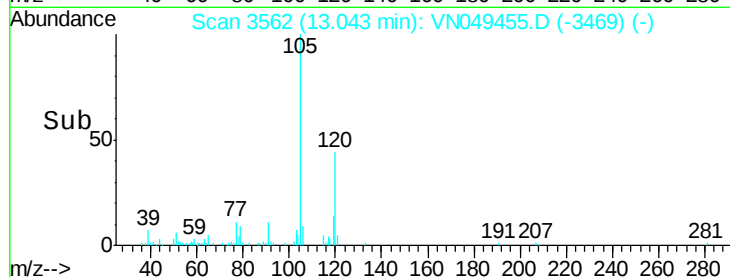
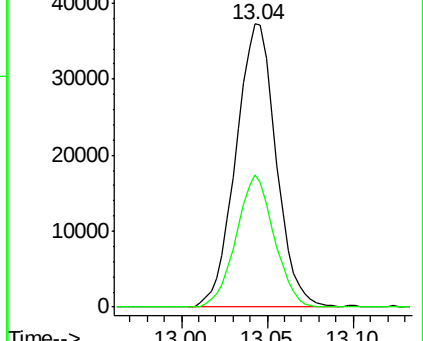
105 100

120 43.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 13.46 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049455.D

Acq: 20 Jun 2018 23:30

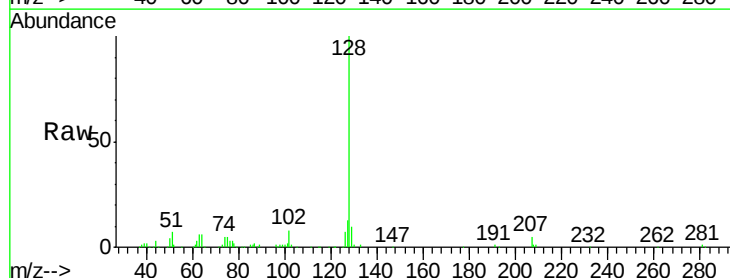
Tgt Ion:128 Resp: 159447

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.1 8.5 12.7



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

