

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049726.D
 Acq On : 5 Jul 2018 20:52
 Operator : MD\SY
 Sample : J3868-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7-S

Quant Time: Jul 06 03:10:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

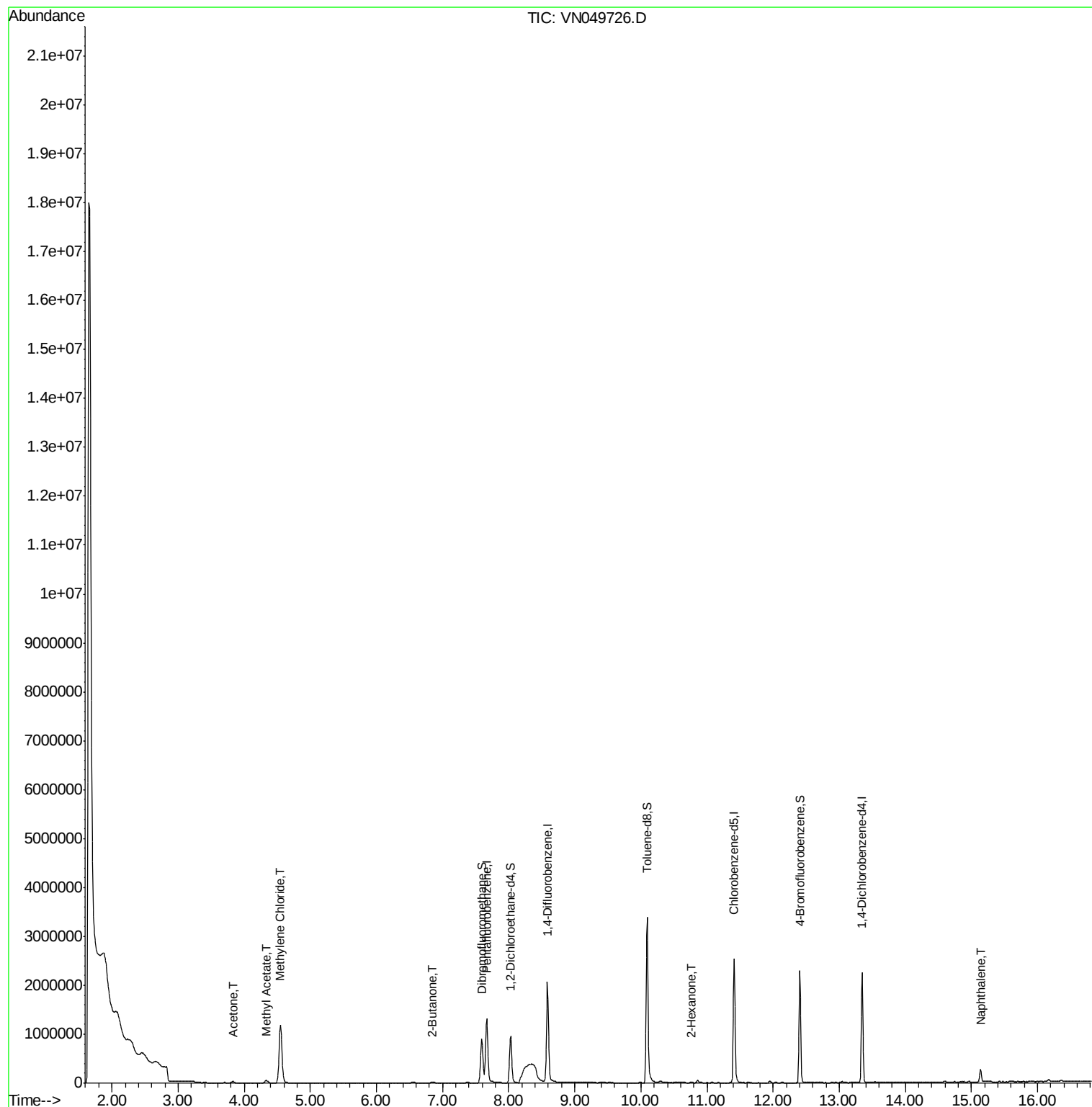
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1186729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1965185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1623244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	829086	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	697326	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.09	98	2624683	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.41	95	764223	38.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.84%	
Target Compounds						
16) Acetone	3.83	43	49813	8.096	ug/l	98
18) Methyl Acetate	4.33	43	96395	1.681	ug/l	98
20) Methylene Chloride	4.55	84	910226	56.403	ug/l	98
25) 2-Butanone	6.85	43	26505	5.094	ug/l	90
59) 2-Hexanone	10.76	43	9106	1.089	ug/l	95
95) Naphthalene	15.14	128	228877	12.141	ug/l	98

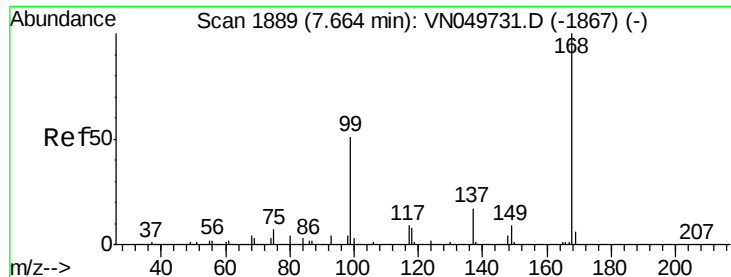
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

Instrument :

MSVOA_N

ClientSampled :

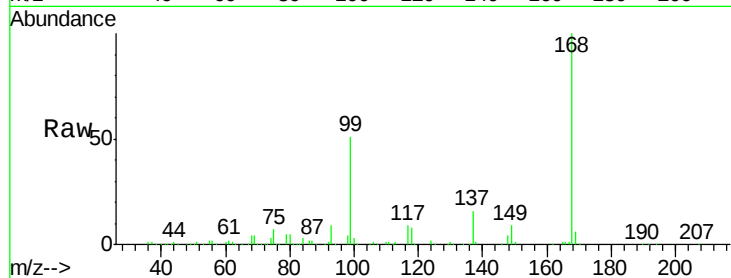
TP-7-S

Tot Ion:168 Resp: 1186729

Ion Ratio Lower Upper

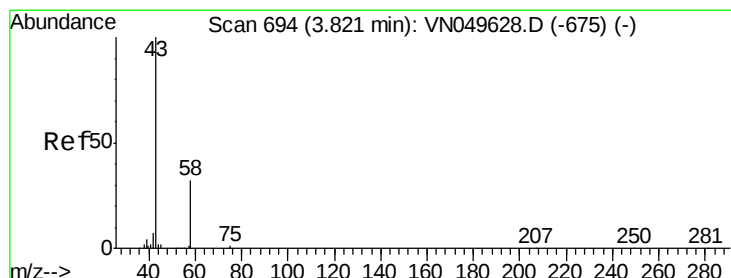
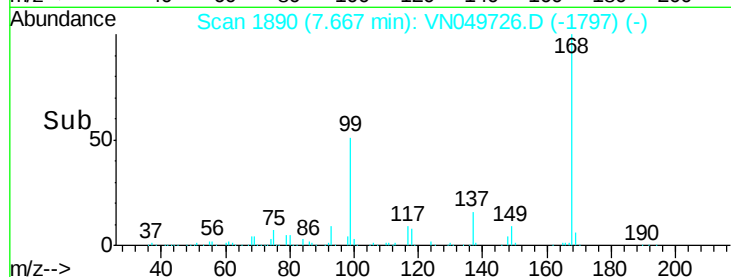
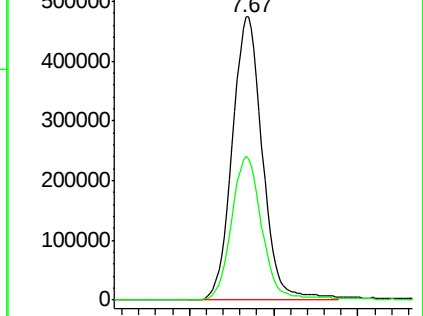
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.096 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049726.D

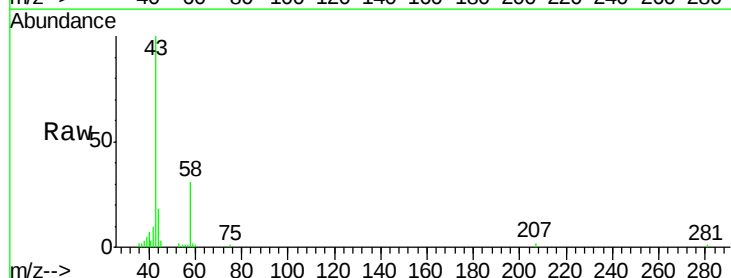
Acq: 5 Jul 2018 20:52

Tgt Ion: 43 Resp: 49813

Ion Ratio Lower Upper

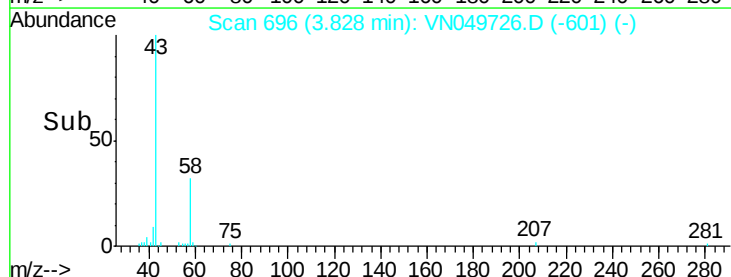
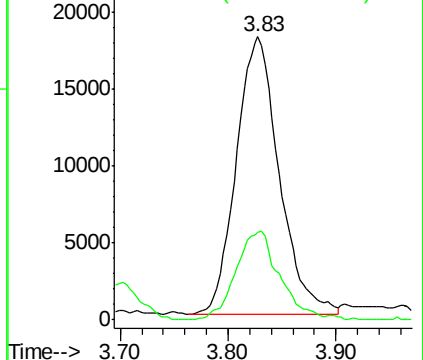
43 100

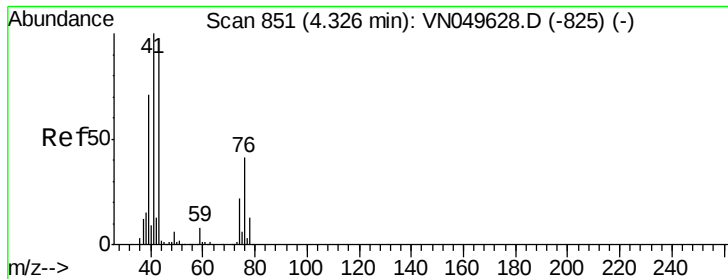
58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

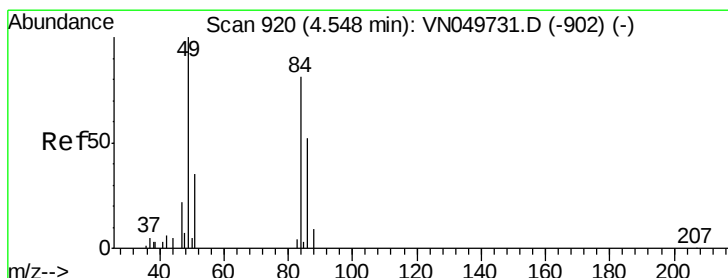
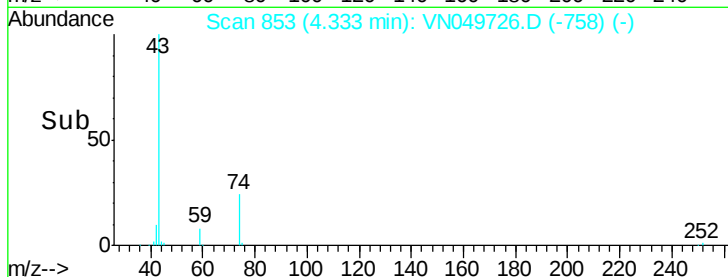
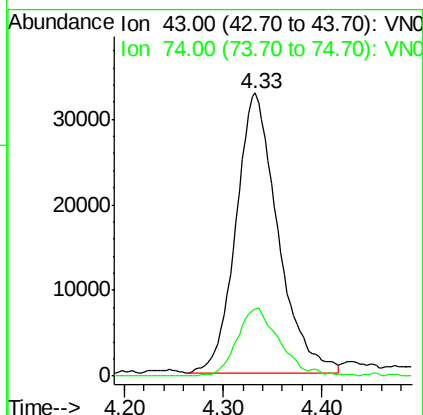
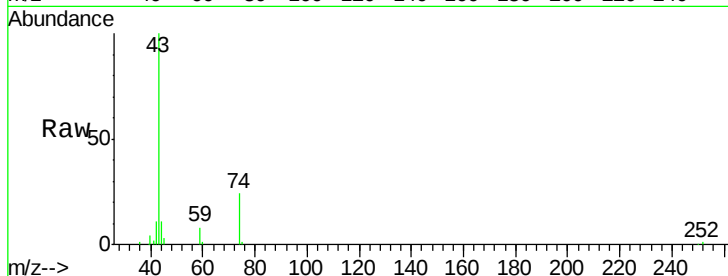




#18
Methvl Acetate
Concen: 1.681 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049726.D
Acq: 5 Jul 2018 20:52

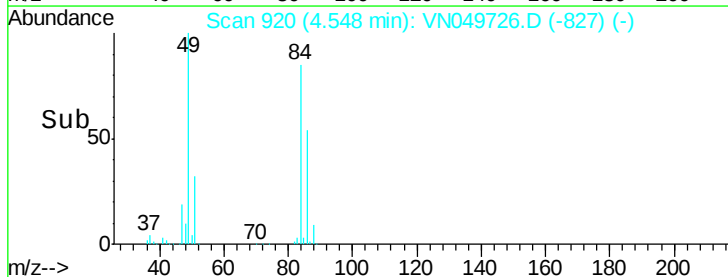
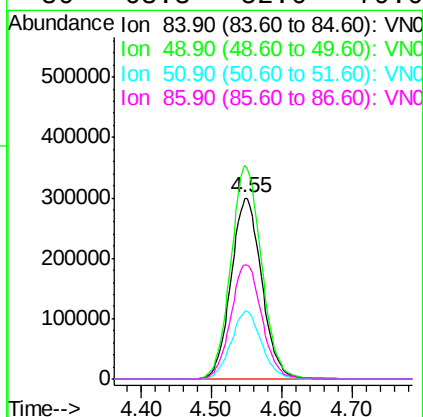
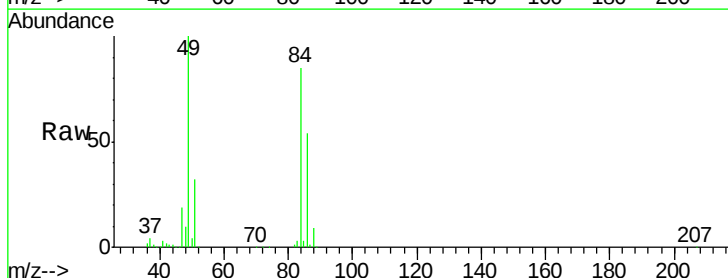
Instrument :
MSVOA_N
ClientSampleId :
TP-7-S

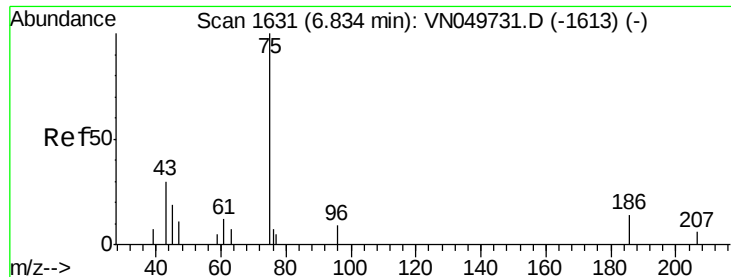
Tot Ion: 43 Resp: 96395
Ion Ratio Lower Upper
43 100
74 23.6 19.8 29.8



#20
Methylene Chloride
Concen: 56.403 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049726.D
Acq: 5 Jul 2018 20:52

Tgt Ion: 84 Resp: 910226
Ion Ratio Lower Upper
84 100
49 118.1 95.4 143.2
51 37.5 28.4 42.6
86 63.3 52.6 79.0





#25

2-Butanone

Concen: 5.094 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

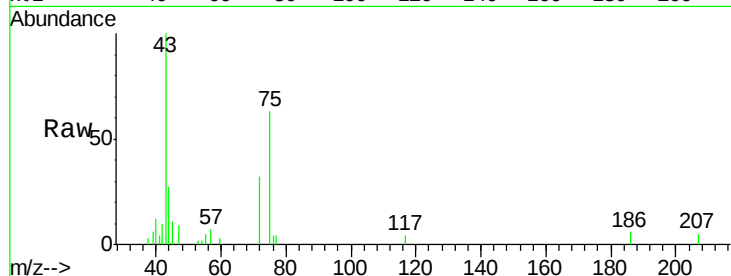
TP-7-S

Tot Ion: 43 Resp: 26505

Ion Ratio Lower Upper

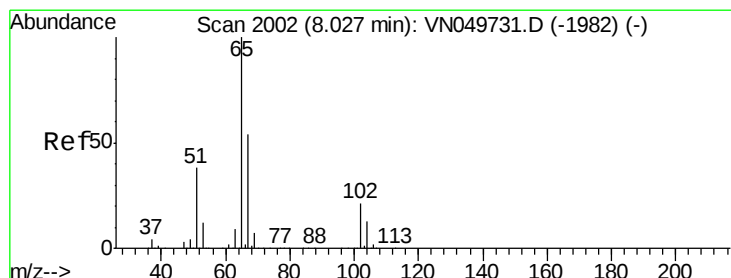
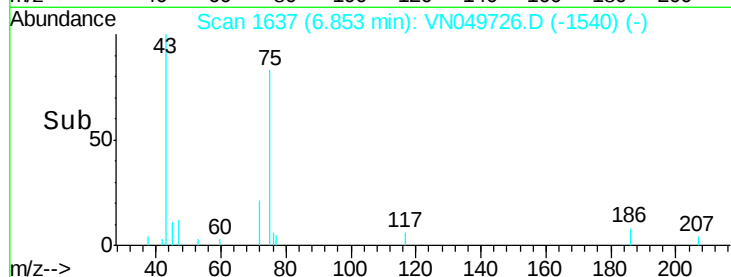
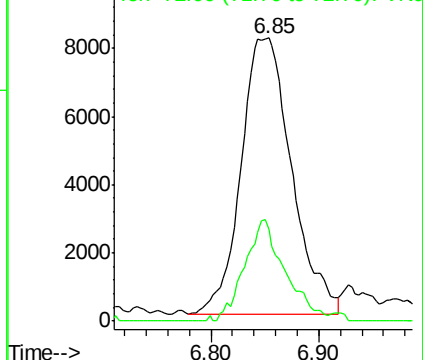
43 100

72 32.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.903 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049726.D

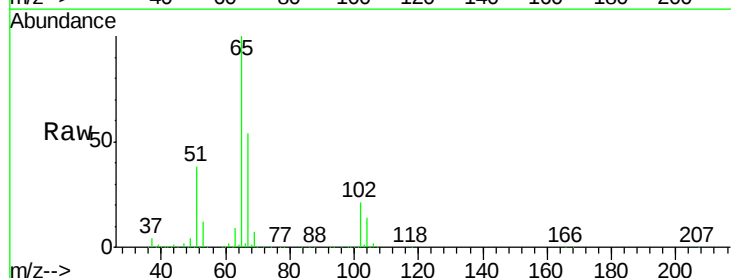
Acq: 5 Jul 2018 20:52

Tgt Ion: 65 Resp: 829086

Ion Ratio Lower Upper

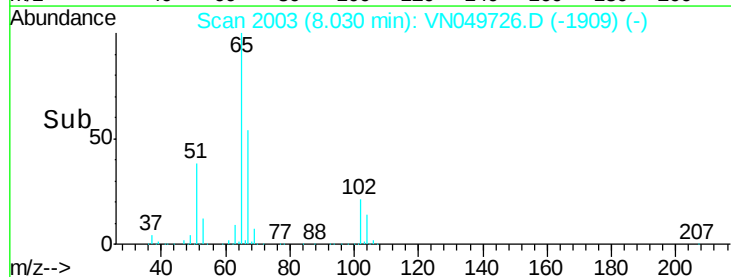
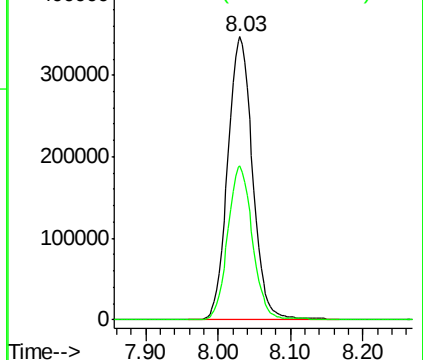
65 100

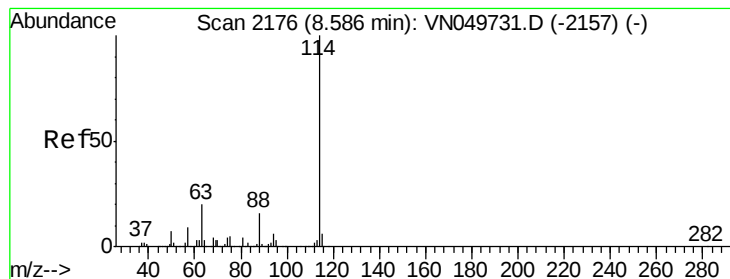
67 53.7 0.0 107.2



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: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

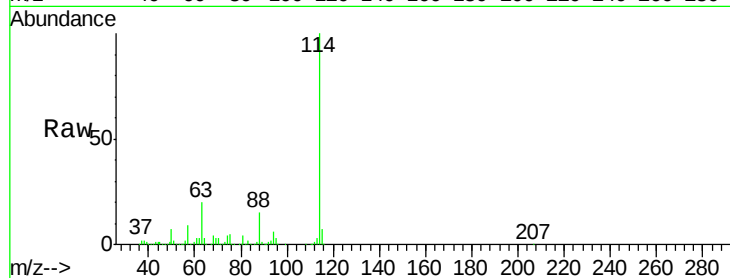
Tot Ion:114 Resp: 1965185

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

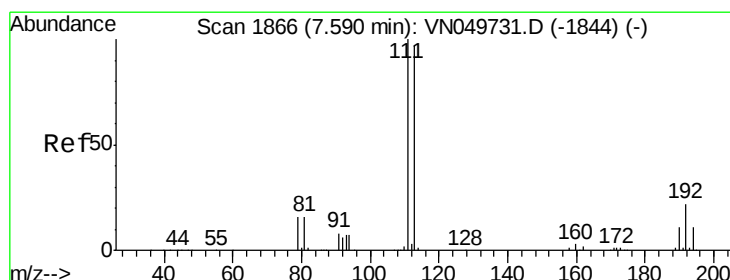
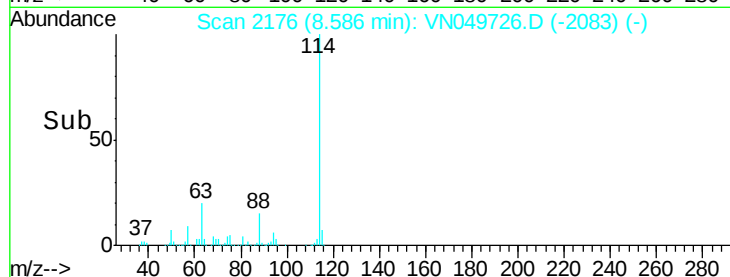
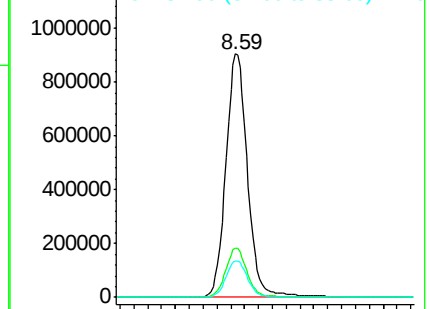
88 15.1 0.0 30.6



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: 47.464 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

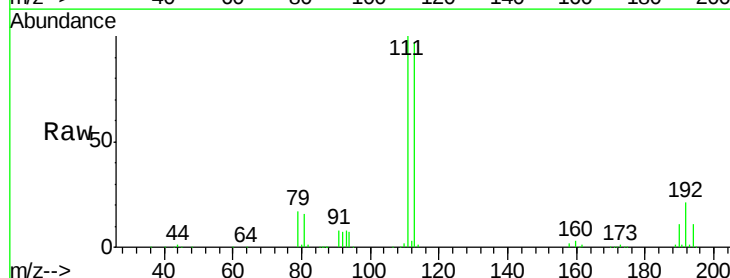
Tgt Ion:113 Resp: 697326

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

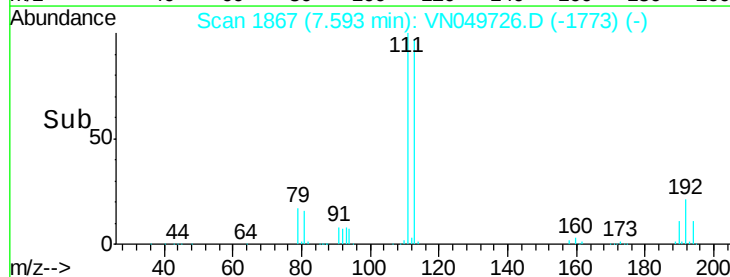
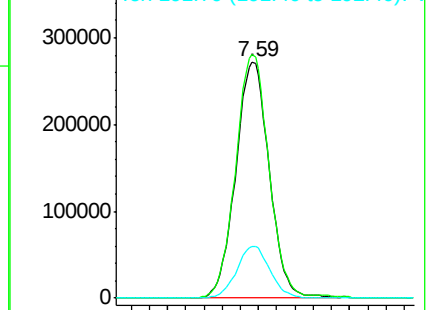
192 21.9 17.8 26.6

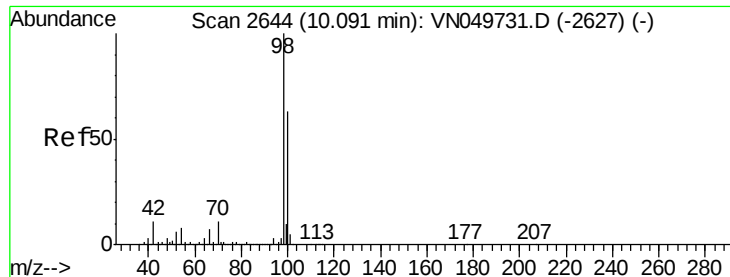


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.641 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

Instrument :

MSVOA_N

ClientSampled :

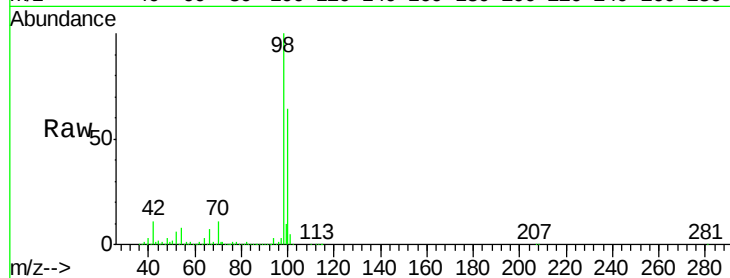
TP-7-S

Tot Ion: 98 Resp: 2624683

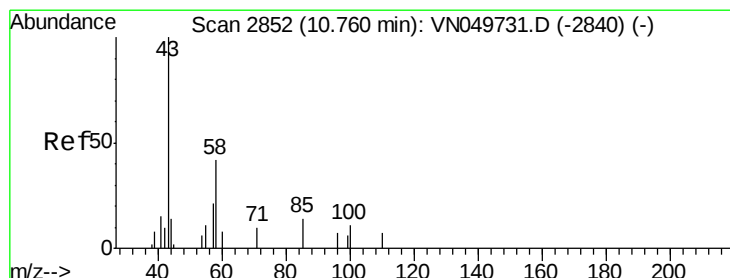
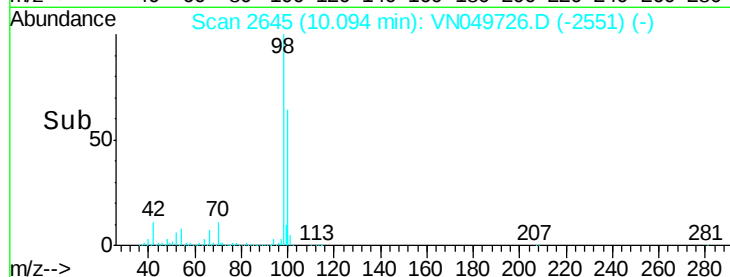
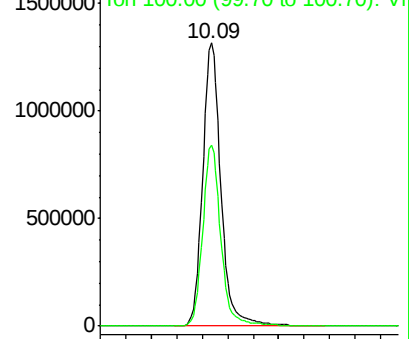
Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049731.D (-2627) (-)



#59

2-Hexanone

Concen: 1.089 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049726.D

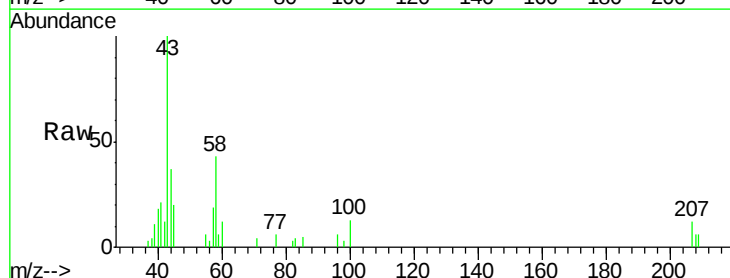
Acq: 5 Jul 2018 20:52

Tgt Ion: 43 Resp: 9106

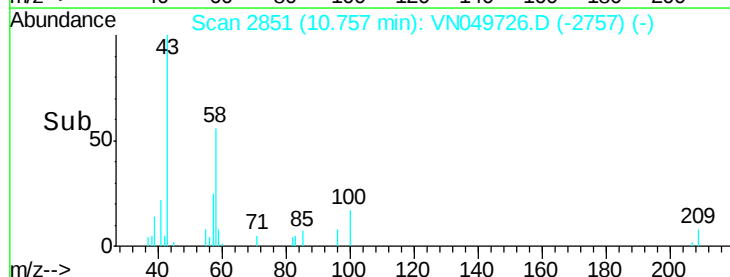
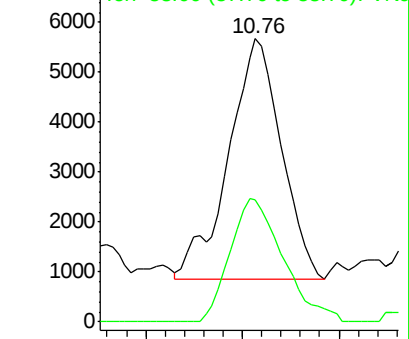
Ion Ratio Lower Upper

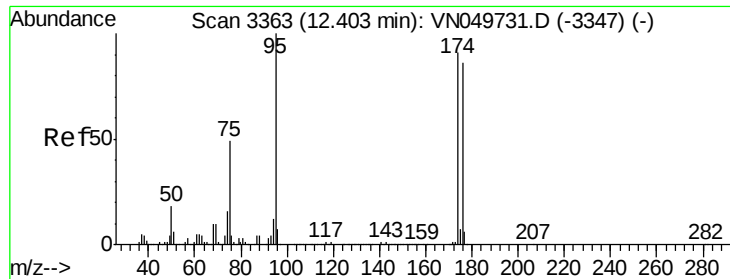
43 100

58 51.7 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049731.D (-2840) (-)





#62

4-Bromofluorobenzene

Concen: 38.924 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

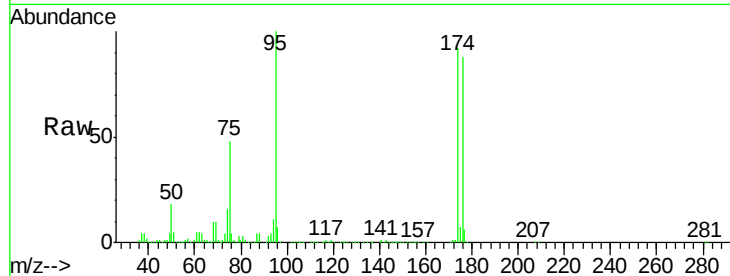
Tot Ion: 95 Resp: 764223

Ion Ratio Lower Upper

95 100

174 91.8 0.0 179.6

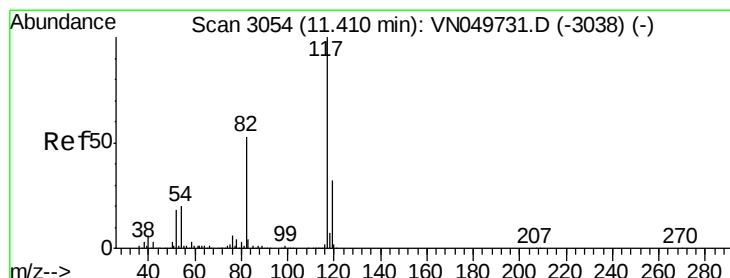
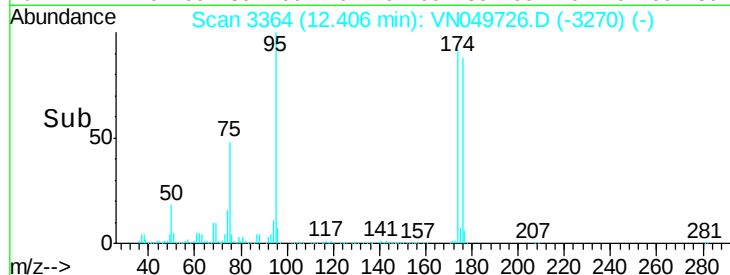
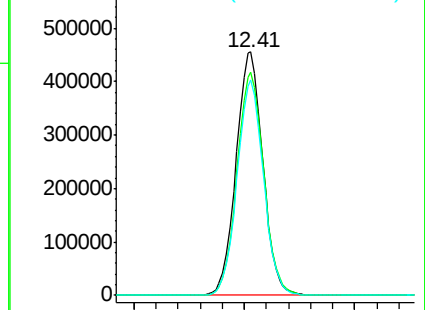
176 87.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049726.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049726.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049726.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

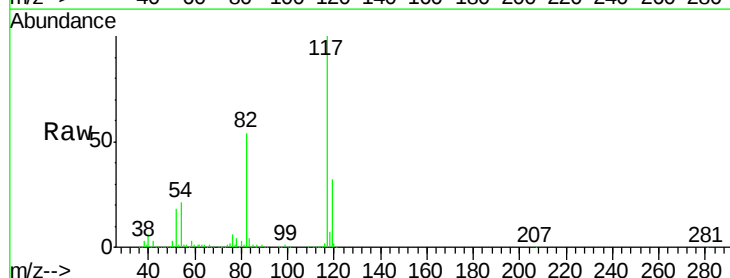
Tgt Ion: 117 Resp: 1623244

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

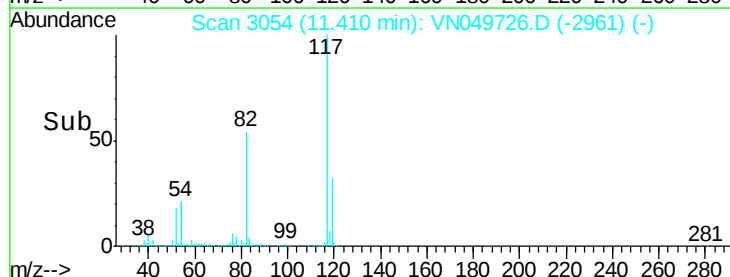
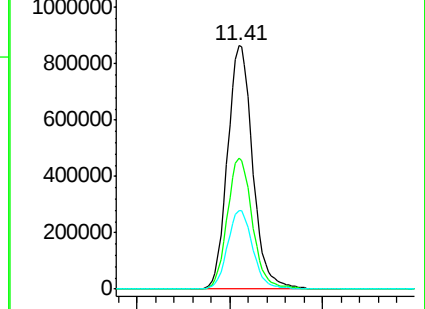
119 32.4 25.4 38.2

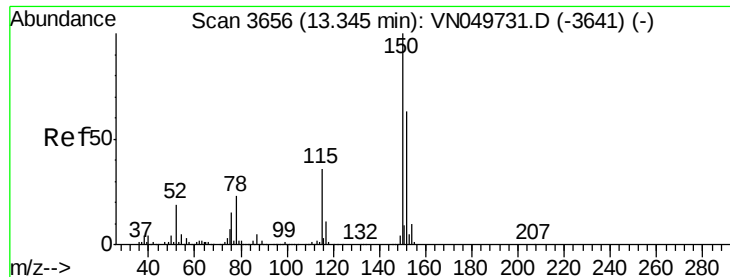


Abundance Ion 116.90 (116.60 to 117.60): VN049726.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049726.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049726.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

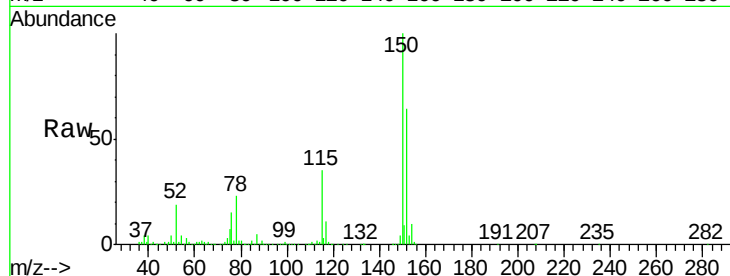
Tot Ion:152 Resp: 639494

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

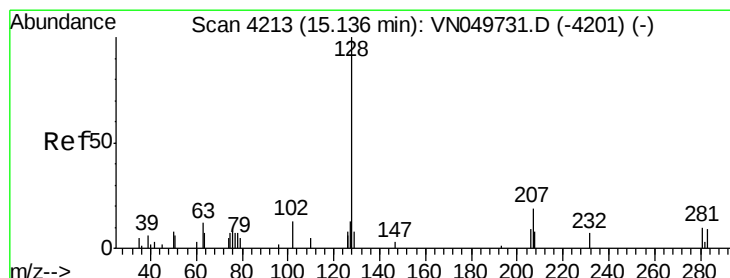
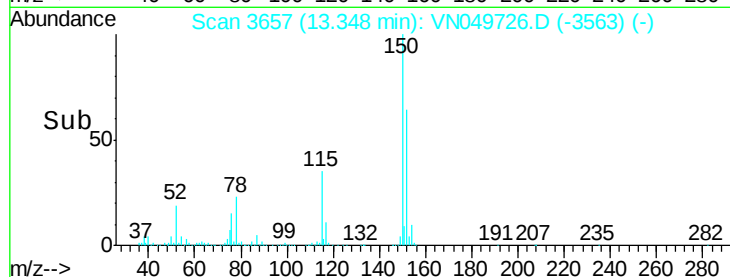
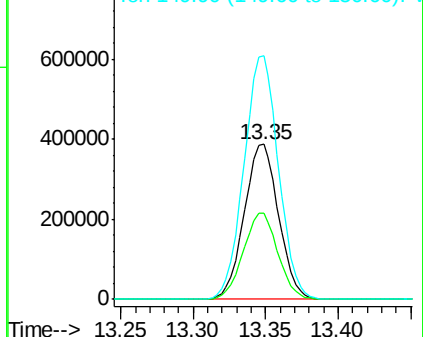
150 157.5 0.0 347.6



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: 12.141 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049726.D

Acq: 5 Jul 2018 20:52

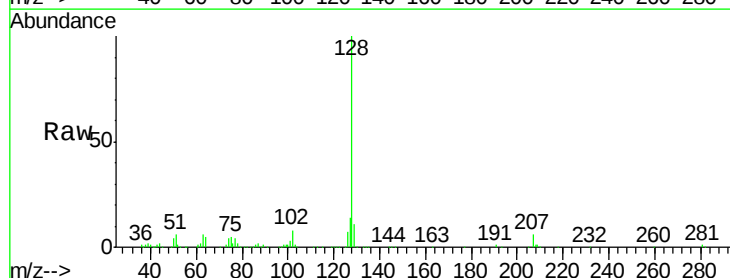
Tgt Ion:128 Resp: 228877

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.5 8.6 13.0



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

