

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049617.D
 Acq On : 29 Jun 2018 3:51
 Operator : MD\SY
 Sample : J3742-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JCSA-302

Quant Time: Jun 29 05:06:51 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	1093334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1738758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1414495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	533690	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	711574	49.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.14%	
35) Dibromofluoromethane	7.59	113	640453	45.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.06%	
50) Toluene-d8	10.09	98	2321234	43.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.68%	
62) 4-Bromofluorobenzene	12.40	95	654086	36.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.86%	

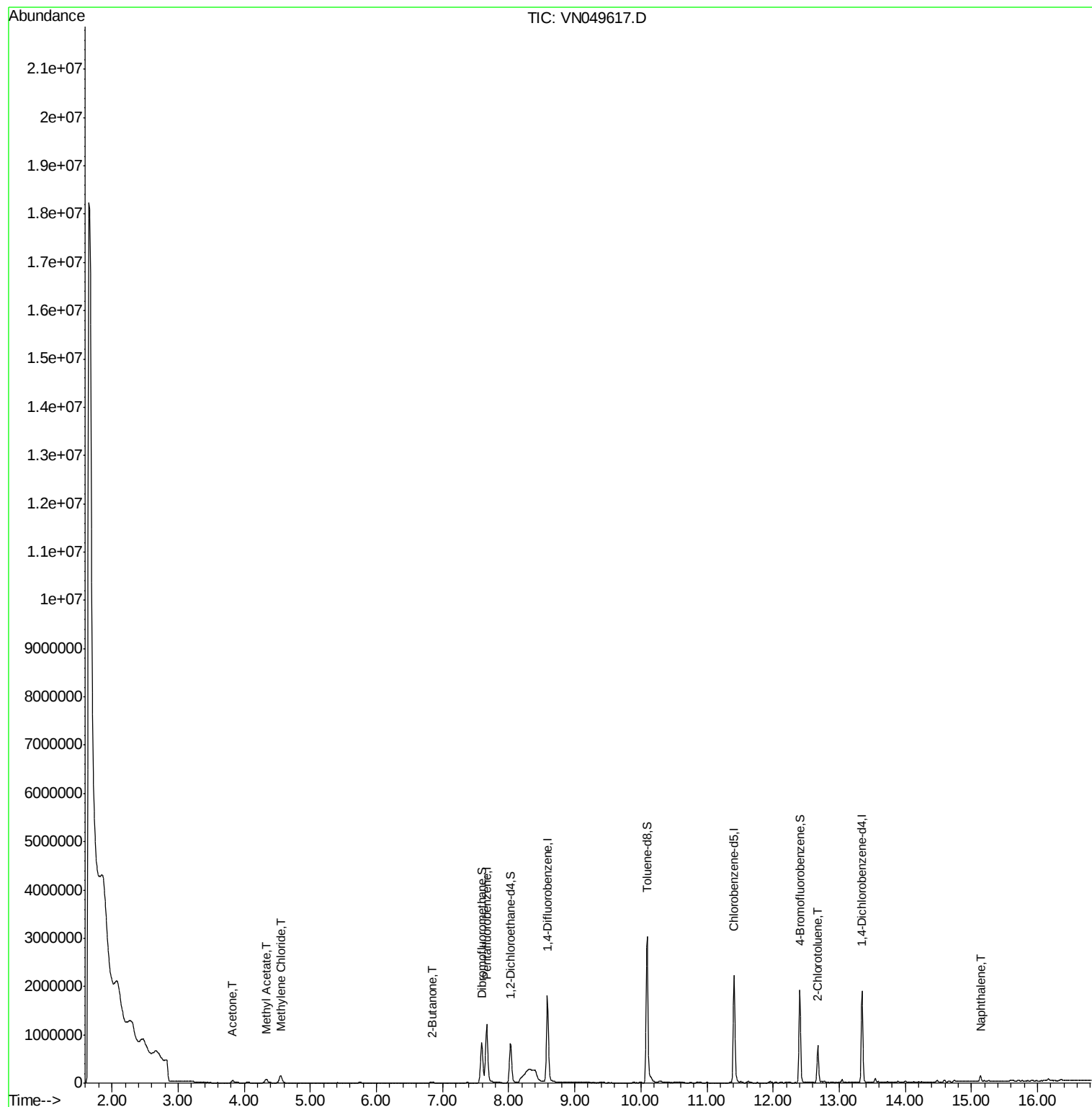
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	81622	23.18	ug/l	92
18) Methyl Acetate	4.33	43	152347	14.19	ug/l	97
20) Methylene Chloride	4.55	84	112594	7.66	ug/l	94
25) 2-Butanone	6.84	43	14362	3.04	ug/l #	89
79) 2-Chlorotoluene	12.68	91	447602	13.73	ug/l	97
95) Naphthalene	15.14	128	101125	8.79	ug/l	99

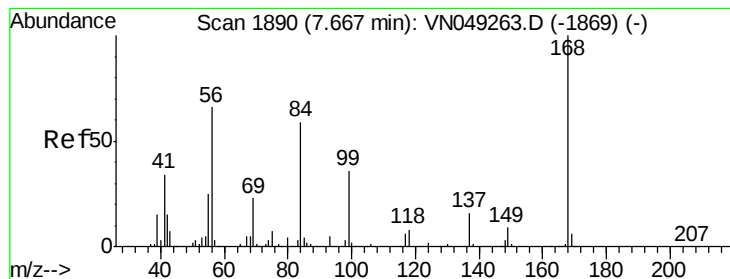
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
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Acq On : 29 Jun 2018 3:51
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Sample : J3742-01
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Quant Time: Jun 29 05:06:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

Instrument :

MSVOA_N

ClientSampleId :

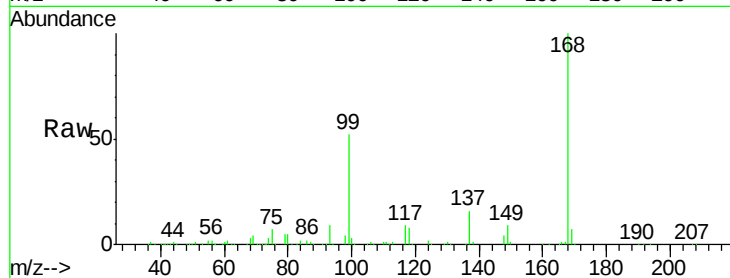
JCSA-302

Tot Ion:168 Resp: 1093334

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

7.67

400000

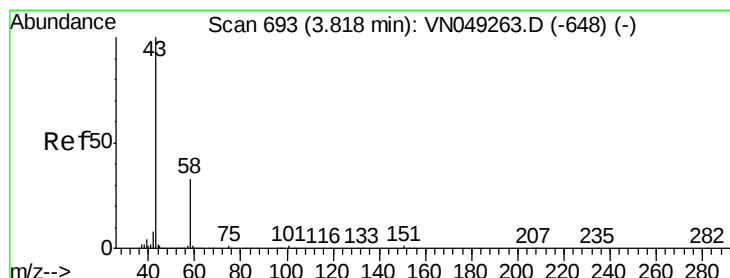
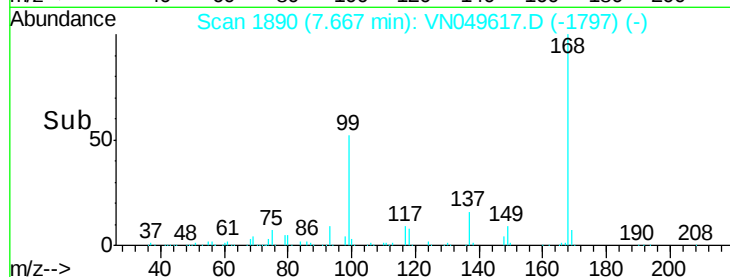
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 23.18 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049617.D

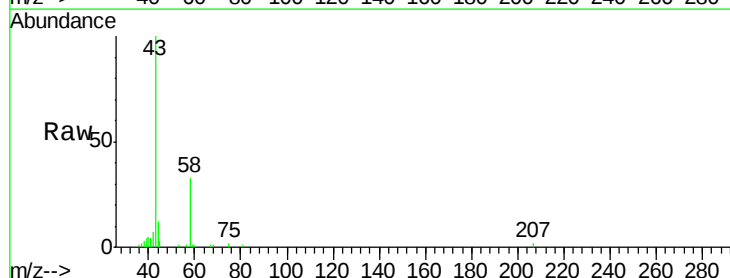
Acq: 29 Jun 2018 3:51

Tgt Ion: 43 Resp: 81622

Ion Ratio Lower Upper

43 100

58 32.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

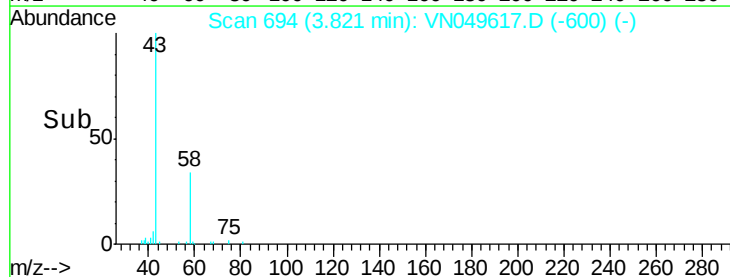
30000

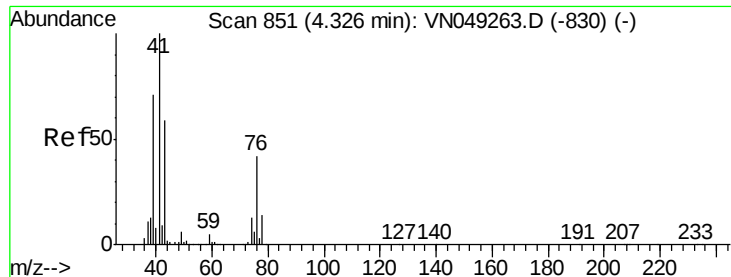
20000

10000

0

Time--> 3.70 3.80 3.90

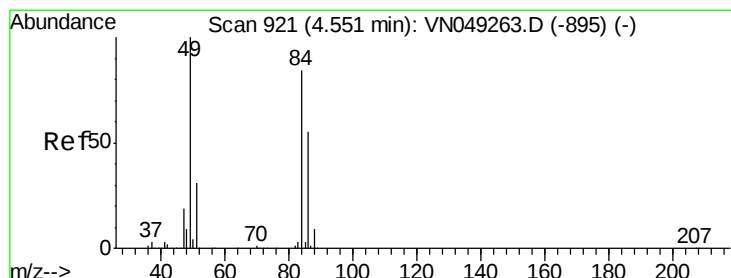
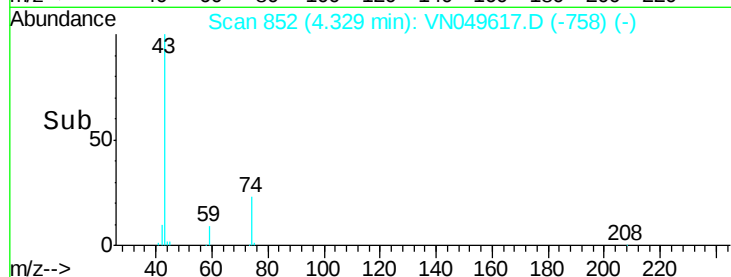
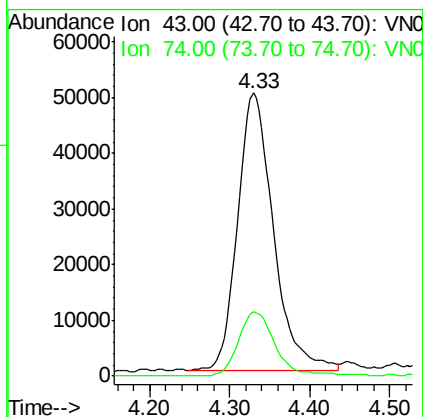
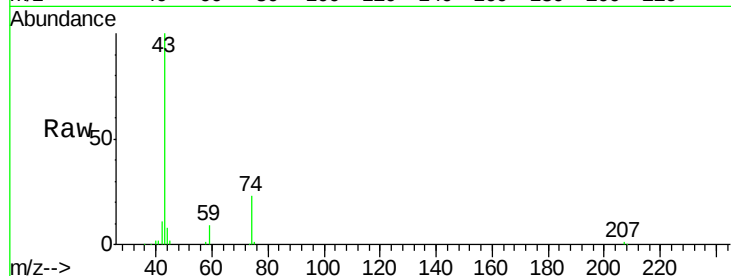




#18
Methvl Acetate
Concen: 14.19 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049617.D
Acq: 29 Jun 2018 3:51

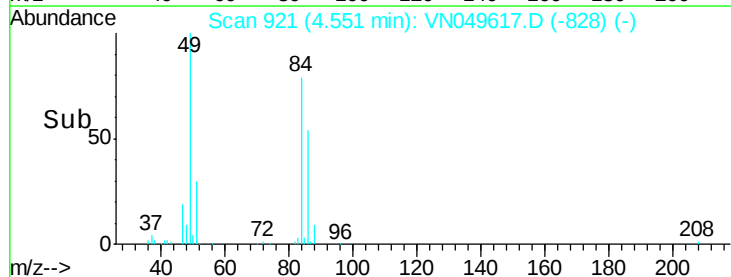
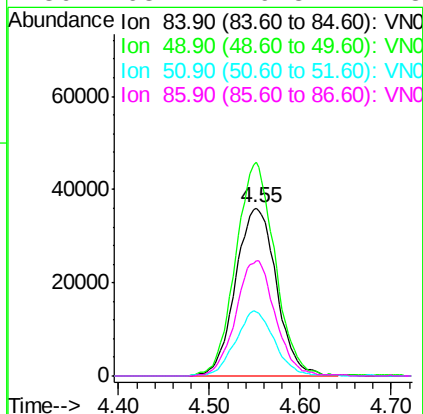
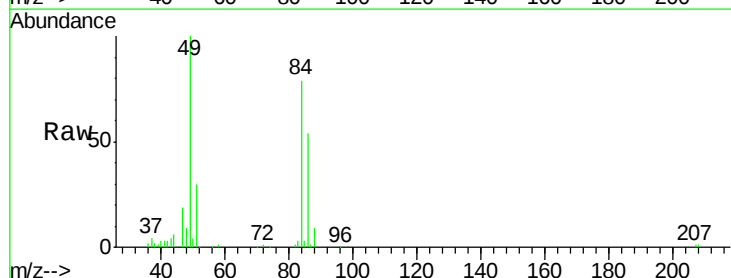
Instrument :
MSVOA_N
ClientSampleId :
JCSA-302

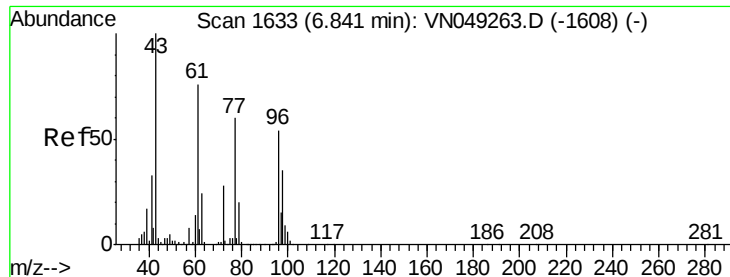
Tot Ion: 43 Resp: 152347
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 7.66 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049617.D
Acq: 29 Jun 2018 3:51

Tgt Ion: 84 Resp: 112594
Ion Ratio Lower Upper
84 100
49 127.0 106.9 160.3
51 38.4 32.7 49.1
86 68.4 49.8 74.8





#25

2-Butanone

Concen: 3.04 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

Instrument :

MSVOA_N

ClientSampleId :

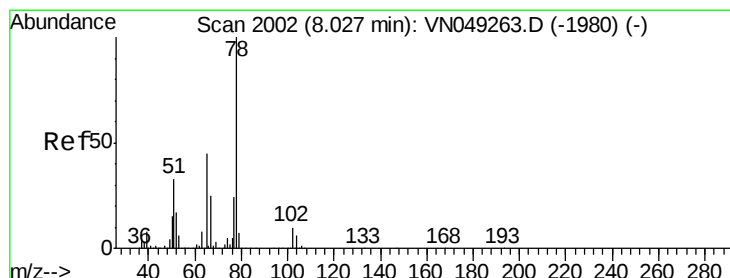
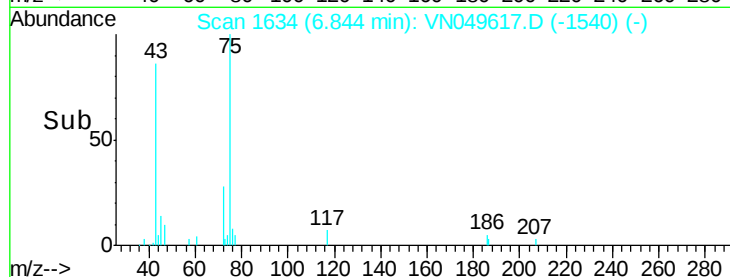
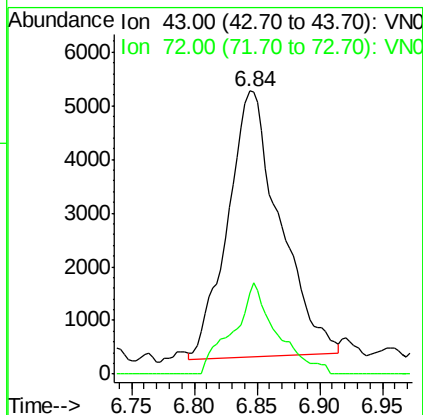
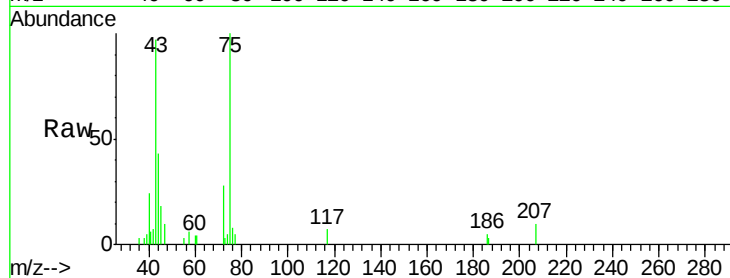
JCSA-302

Tot Ion: 43 Resp: 14362

Ion Ratio Lower Upper

43 100

72 30.7 20.2 30.2#



#33

1,2-Dichloroethane-d4

Concen: 49.07 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049617.D

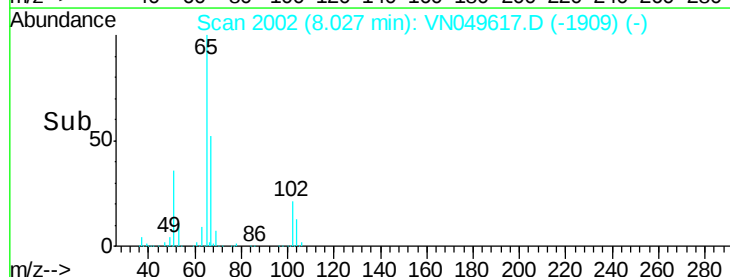
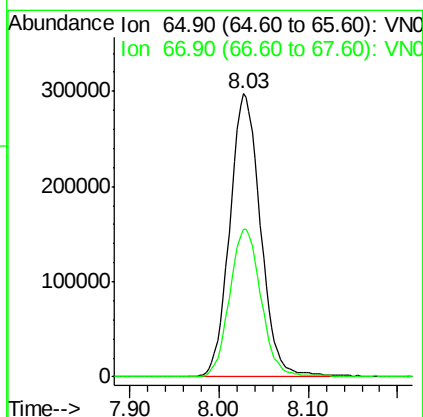
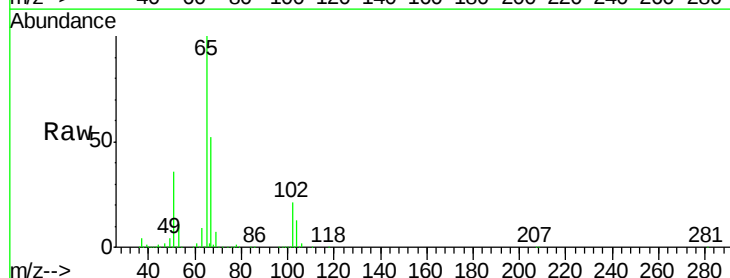
Acq: 29 Jun 2018 3:51

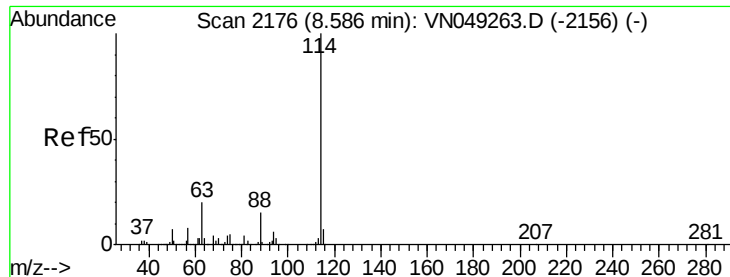
Tgt Ion: 65 Resp: 711574

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

Instrument :

MSVOA_N

ClientSampleId :

JCSA-302

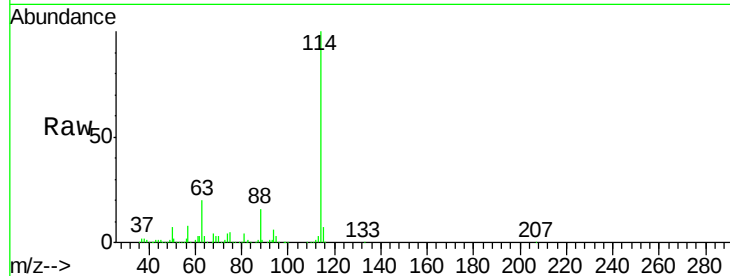
Tot Ion:114 Resp: 1738758

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

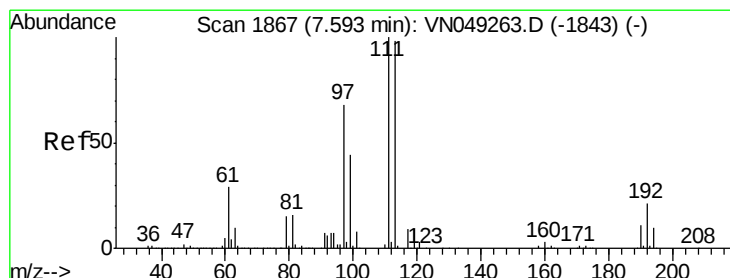
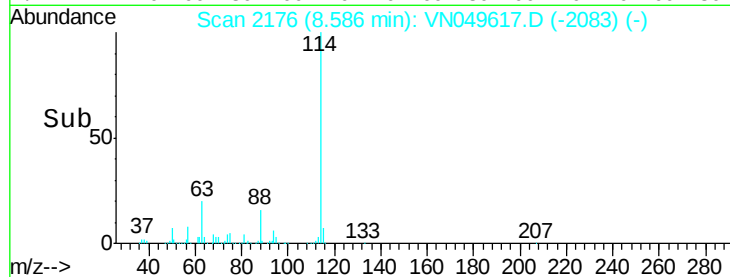
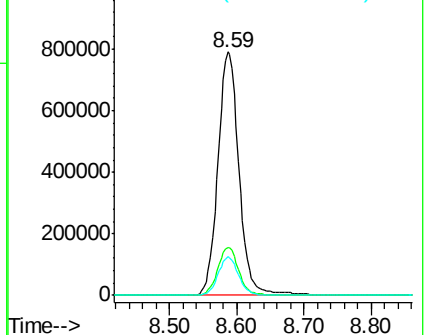
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.53 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

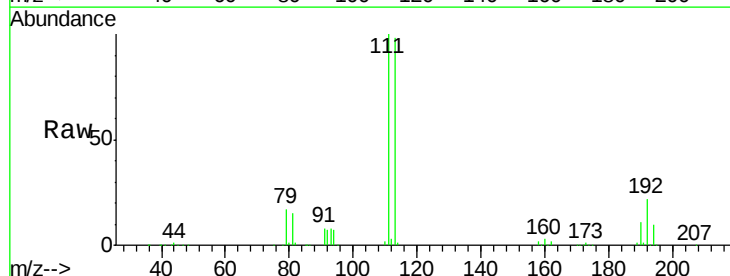
Tgt Ion:113 Resp: 640453

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

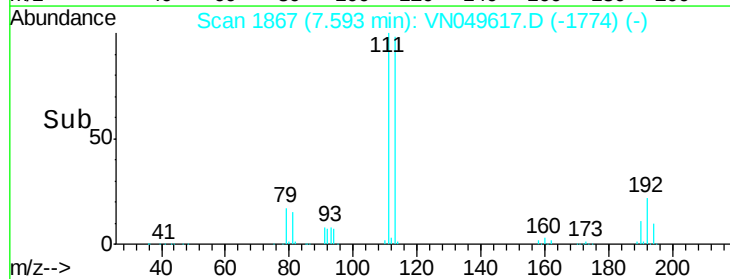
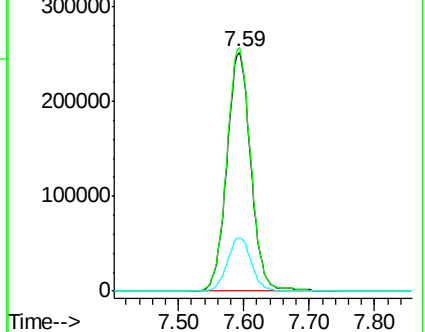
192 22.3 15.0 22.6

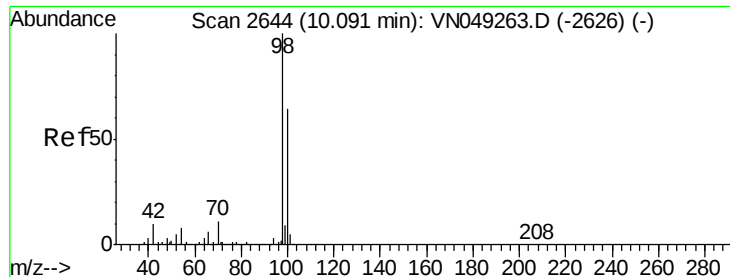


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.34 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

Instrument :

MSVOA_N

ClientSampleId :

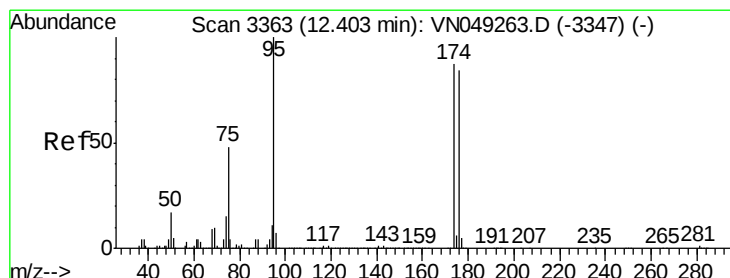
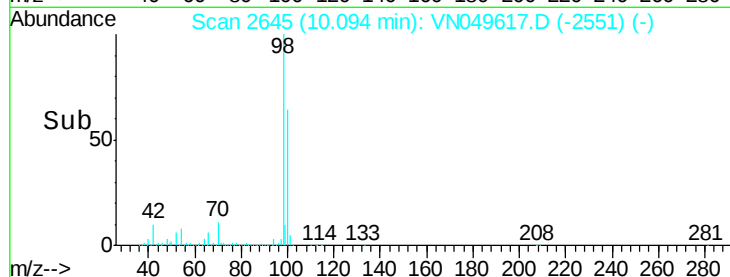
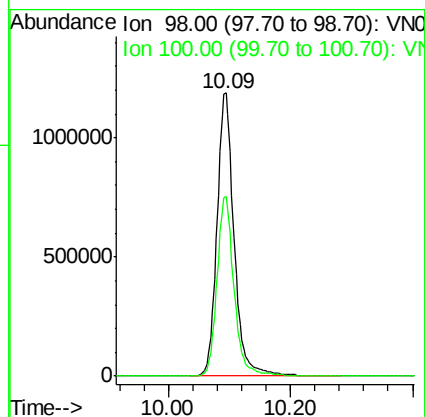
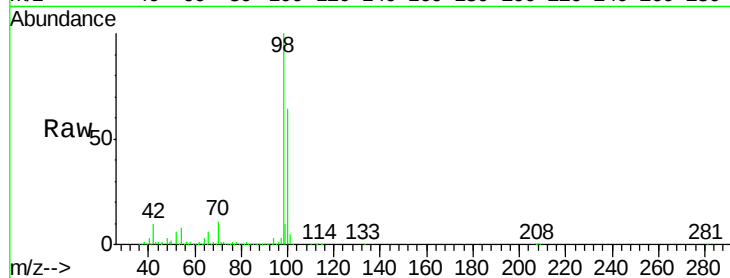
JCSA-302

Tot Ion: 98 Resp: 2321234

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 36.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

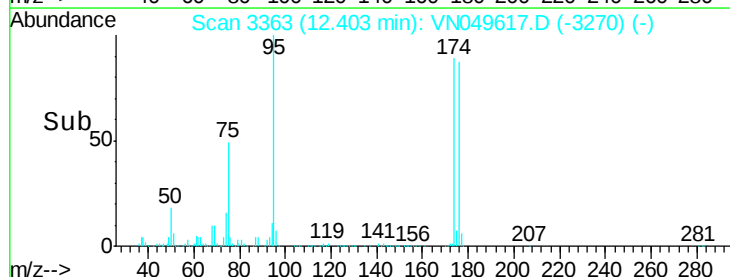
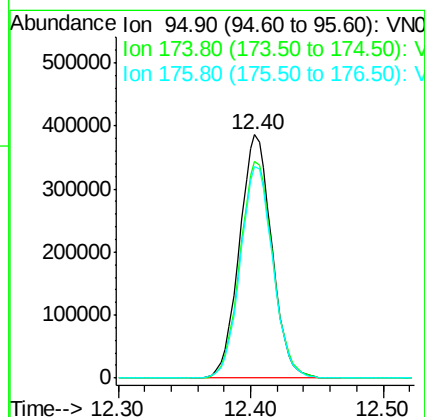
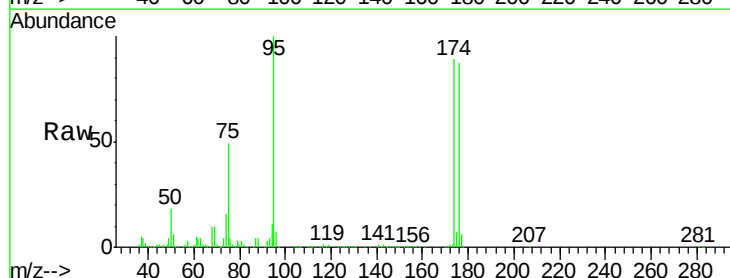
Tgt Ion: 95 Resp: 654086

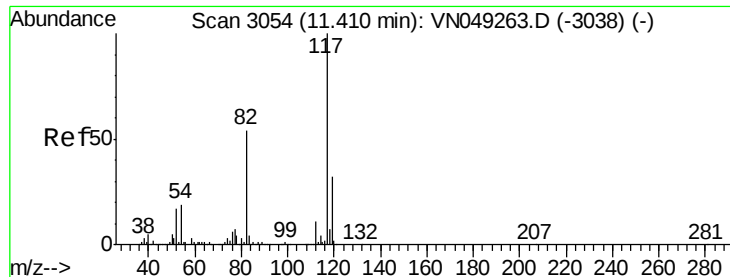
Ion Ratio Lower Upper

95 100

174 90.4 0.0 165.6

176 87.4 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

Instrument :

MSVOA_N

ClientSampled :

JCSA-302

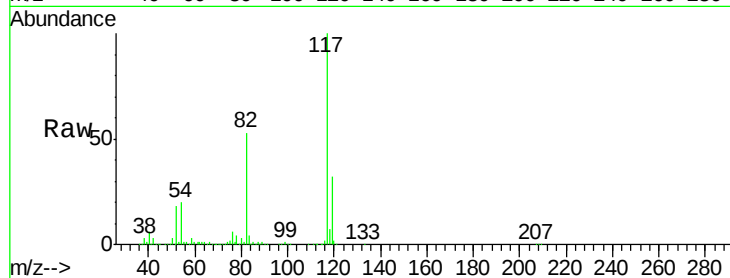
Tot Ion:117 Resp: 1414495

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

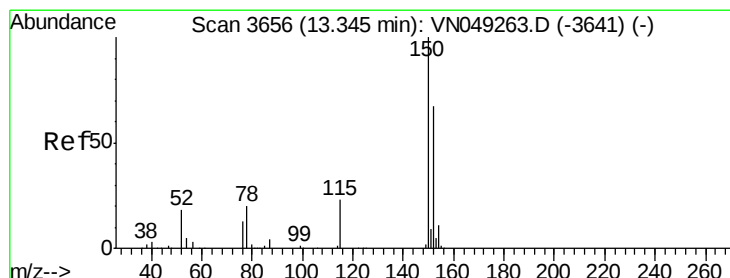
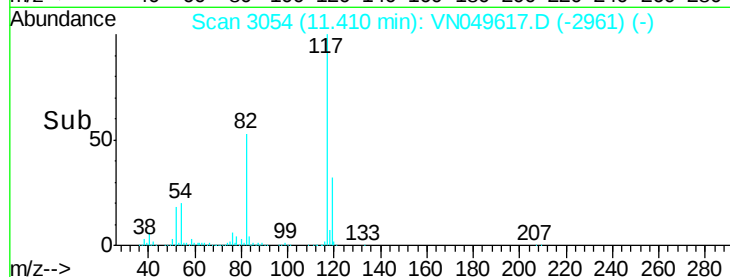
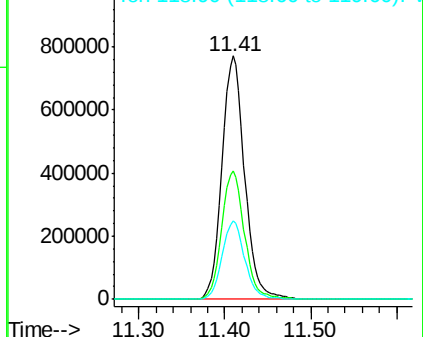
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

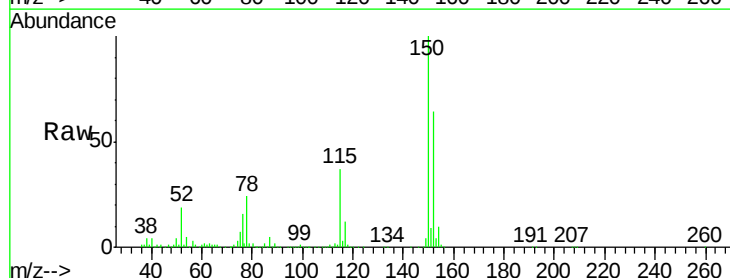
Tgt Ion:152 Resp: 533690

Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.1

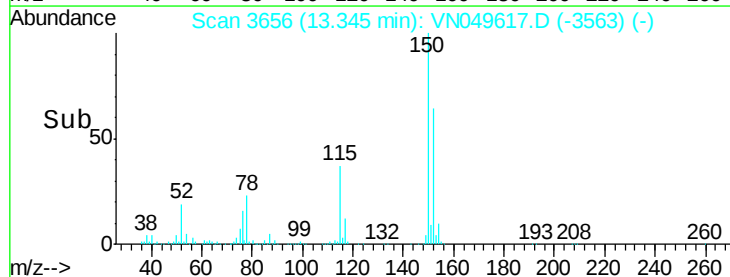
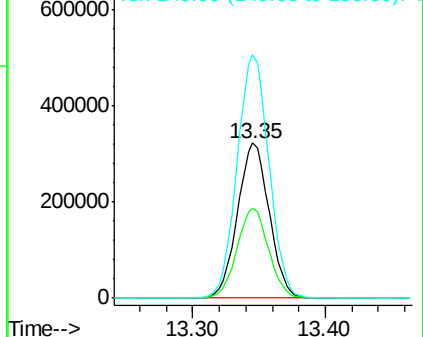
150 157.6 0.0 351.0

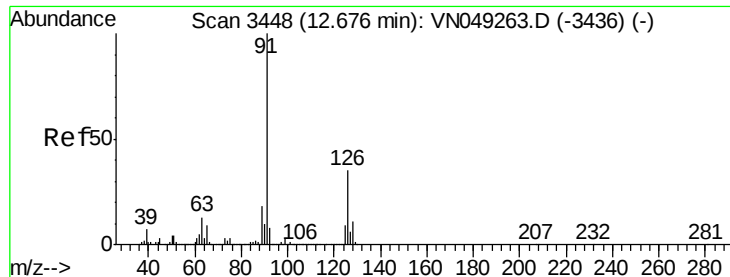


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#79

2-Chlorotoluene

Concen: 13.73 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

Instrument :

MSVOA_N

ClientSampled :

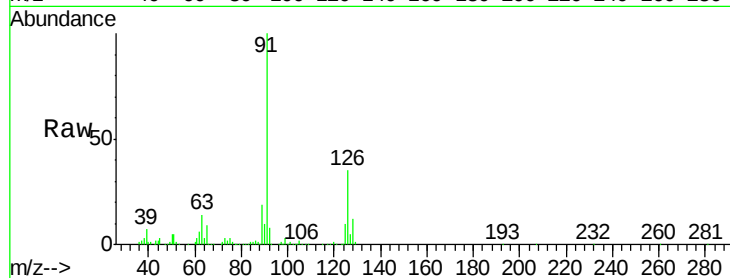
JCSA-302

Tot Ion: 91 Resp: 447602

Ion Ratio Lower Upper

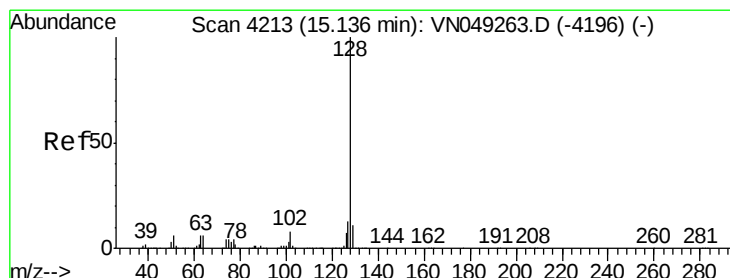
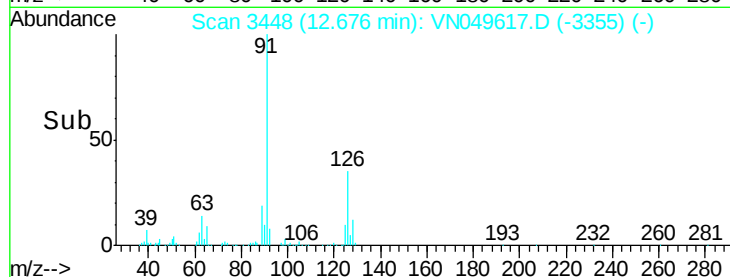
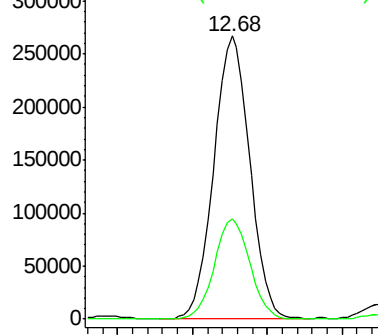
91 100

126 34.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#95

Naphthalene

Concen: 8.79 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049617.D

Acq: 29 Jun 2018 3:51

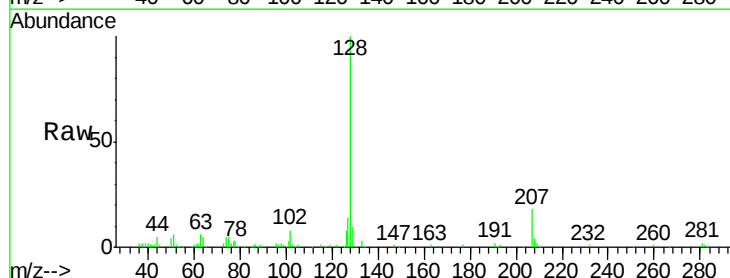
Tgt Ion: 128 Resp: 101125

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 10.7 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

