

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049551.D
 Acq On : 26 Jun 2018 14:40
 Operator : MD\SY
 Sample : J3684-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Quant Time: Jun 27 01:22:24 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	1249844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1987384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	694157	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	801134	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
35) Dibromofluoromethane	7.59	113	715110	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	
50) Toluene-d8	10.09	98	2672675	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	798951	39.47	ug/l	0.00
Spiked Amount			Recovery	=	78.94%	

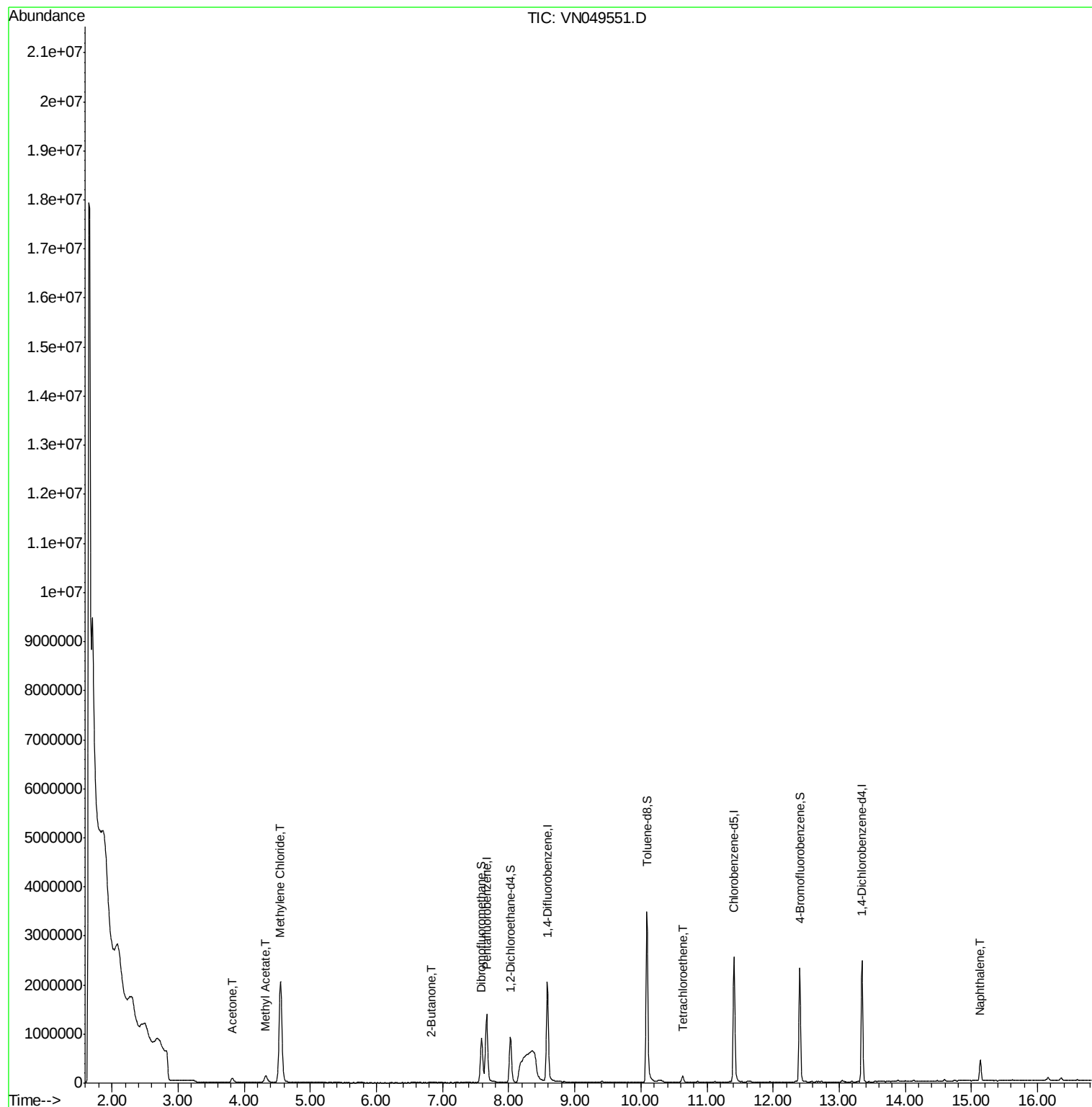
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	166625	41.40	ug/l	93
18) Methyl Acetate	4.33	43	265842	21.66	ug/l	94
20) Methylene Chloride	4.55	84	1603235	95.37	ug/l	92
25) 2-Butanone	6.84	43	14786	2.74	ug/l	95
64) Tetrachloroethene	10.63	164	32092	1.91	ug/l	96
95) Naphthalene	15.13	128	378776	20.73	ug/l	99

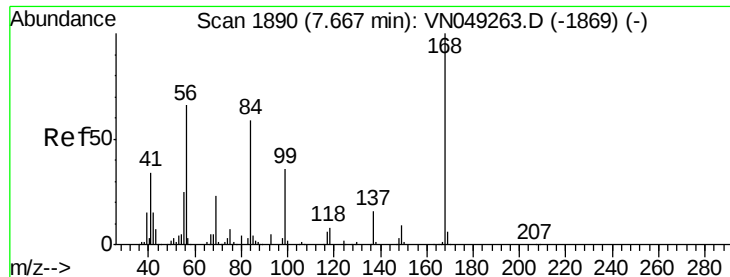
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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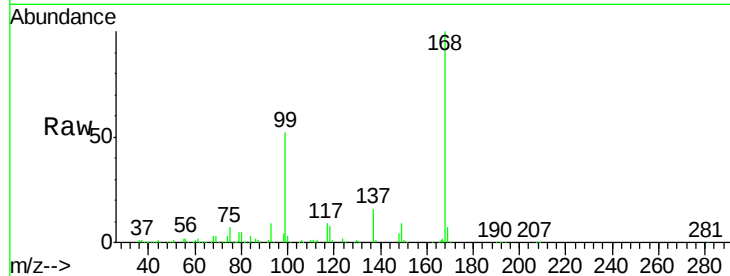
#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VN049551.D
 Acq: 26 Jun 2018 14:40

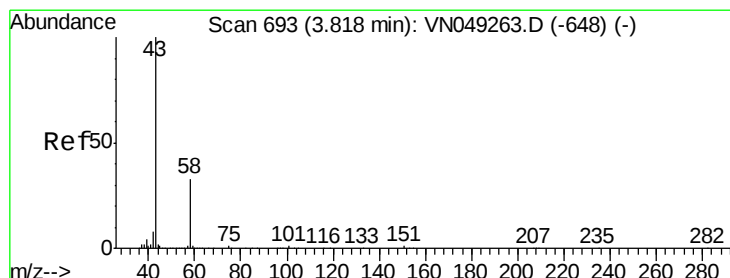
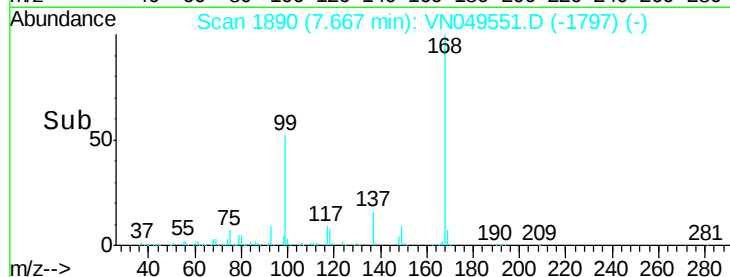
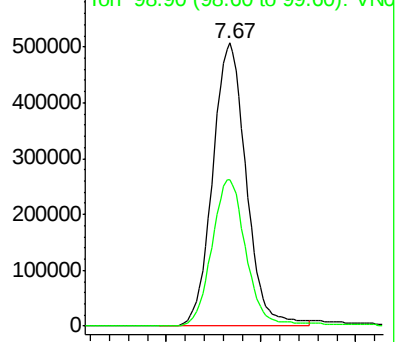
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Tot Ion:168 Resp: 1249844

Ion	Ratio	Lower	Upper
168	100		
99	51.5	45.8	68.6



Abundance Ion 167.90 (167.60 to 168.60): V

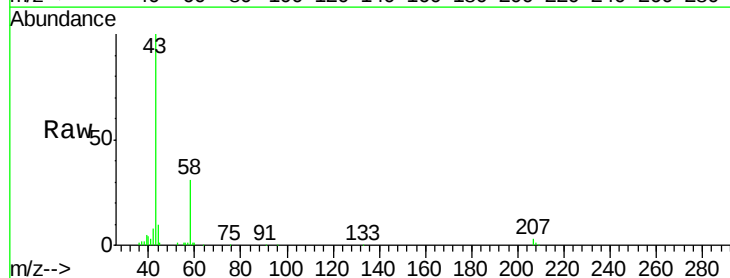


#16

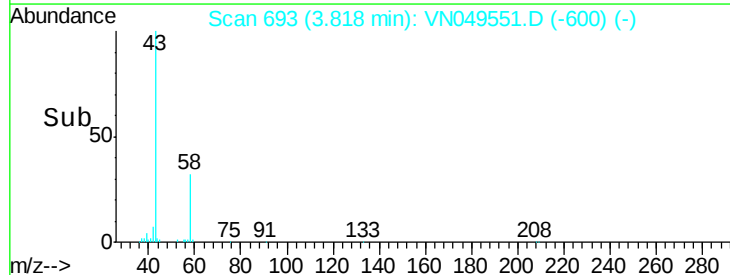
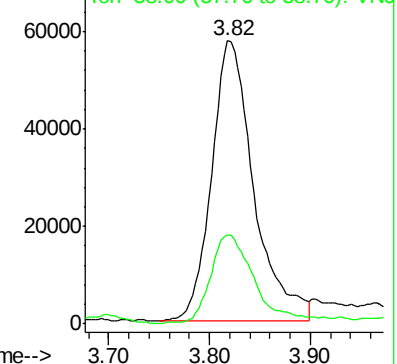
Acetone
 Concen: 41.40 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049551.D
 Acq: 26 Jun 2018 14:40

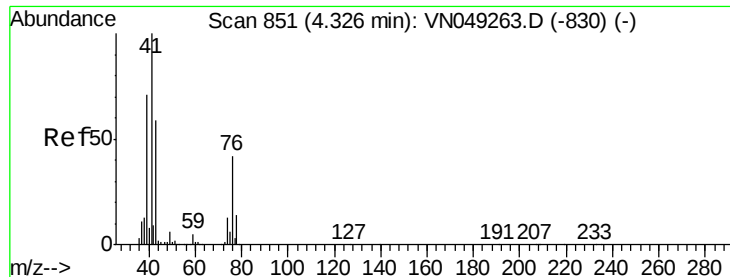
Tgt Ion: 43 Resp: 166625

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.4	33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

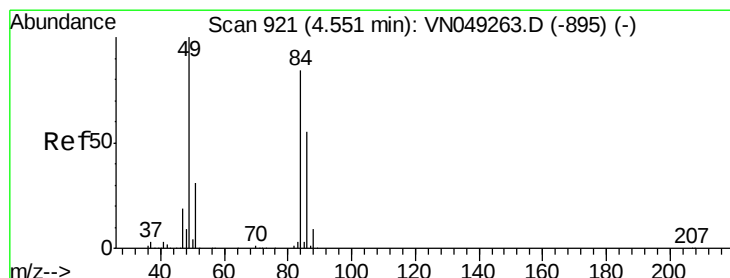
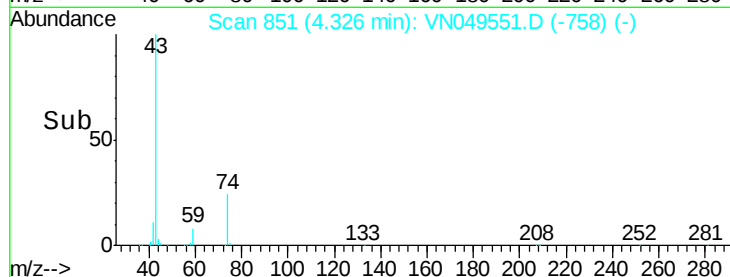
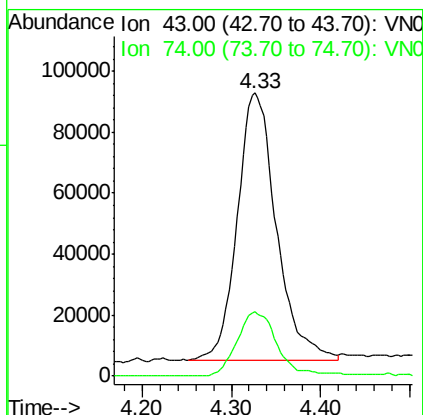
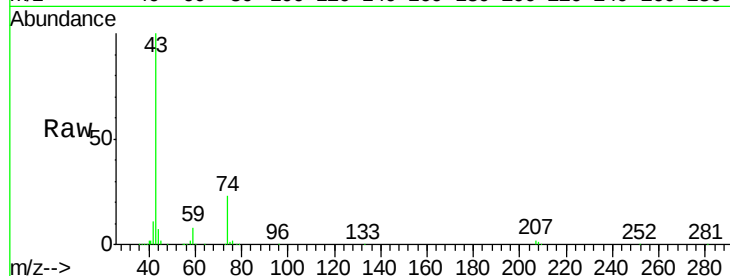




#18
Methvl Acetate
Concen: 21.66 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

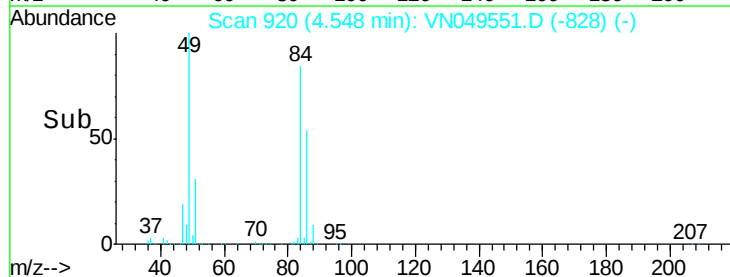
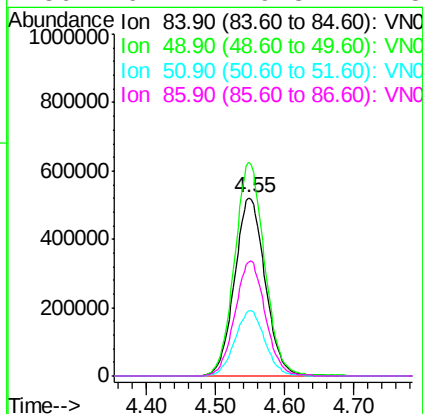
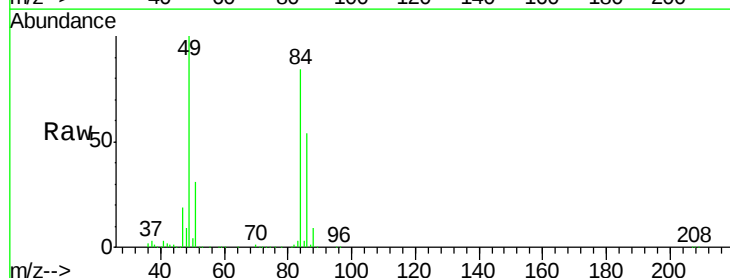
Instrument :
MSVOA_N
ClientSampled :
TP-1-D

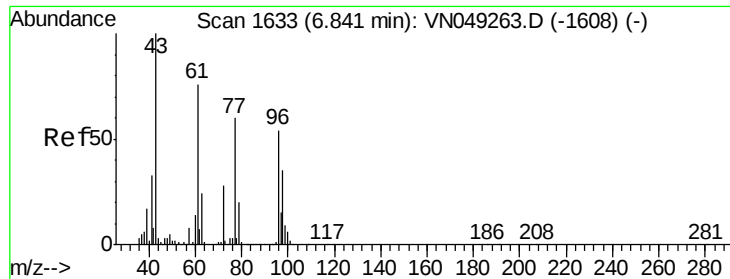
Tot Ion: 43 Resp: 265842
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 95.37 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 84 Resp: 1603235
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 36.5 32.7 49.1
86 64.2 49.8 74.8

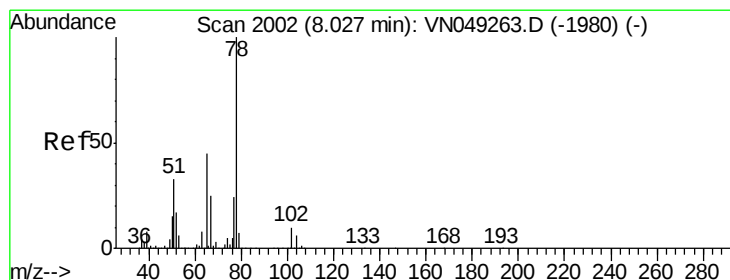
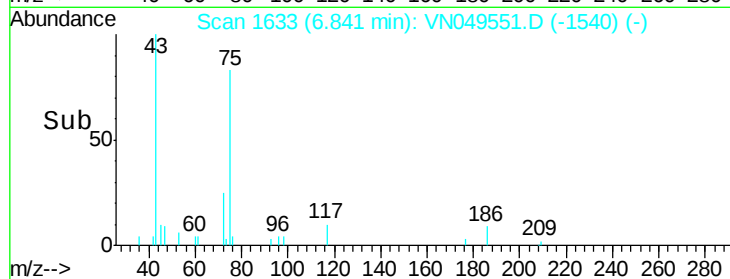
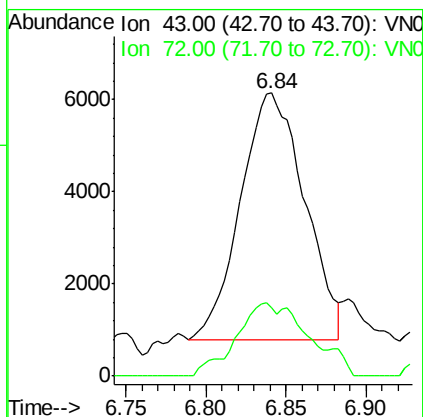
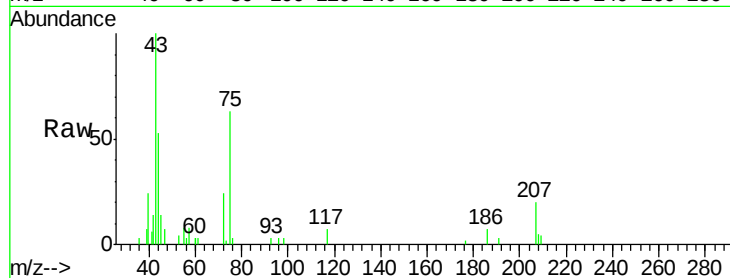




#25
2-Butanone
Concen: 2.74 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

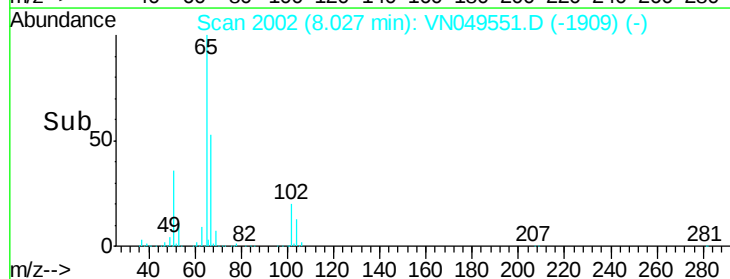
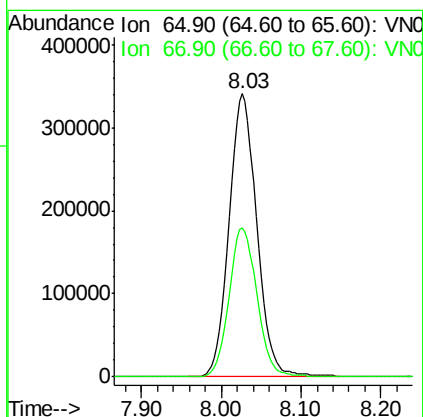
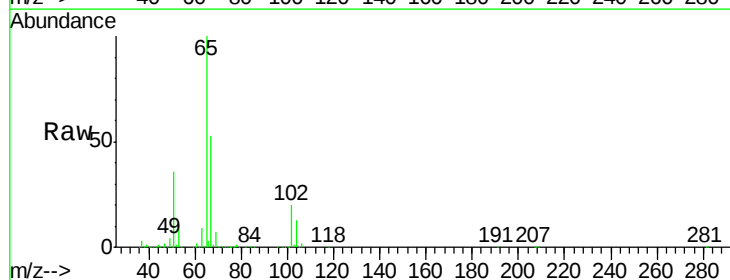
Instrument :
MSVOA_N
ClientSampled :
TP-1-D

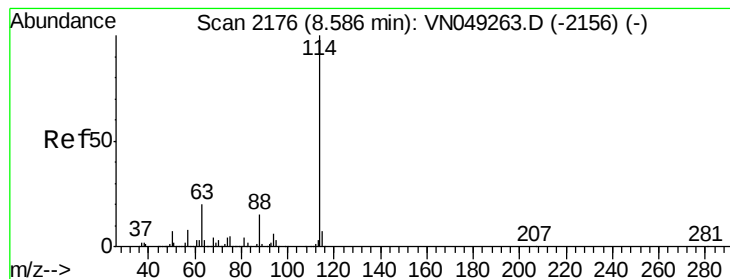
Tot Ion: 43 Resp: 14786
Ion Ratio Lower Upper
43 100
72 27.7 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 48.33 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 65 Resp: 801134
Ion Ratio Lower Upper
65 100
67 53.0 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: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

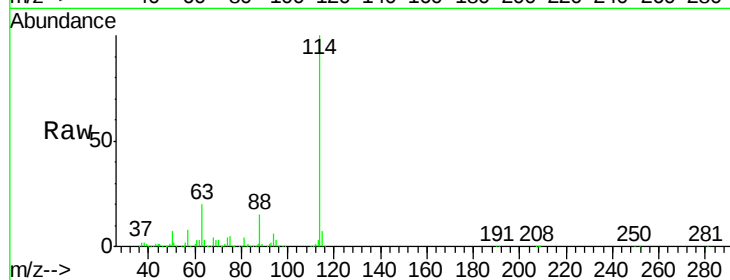
Tot Ion:114 Resp: 1987384

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

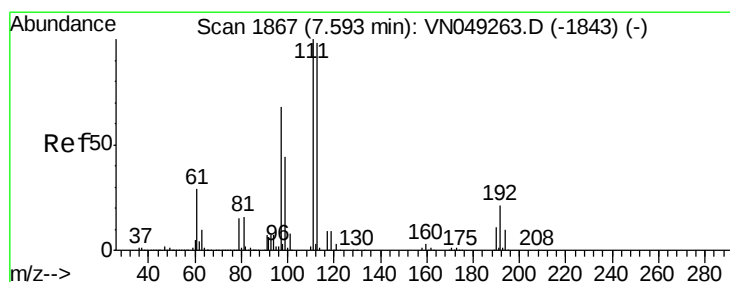
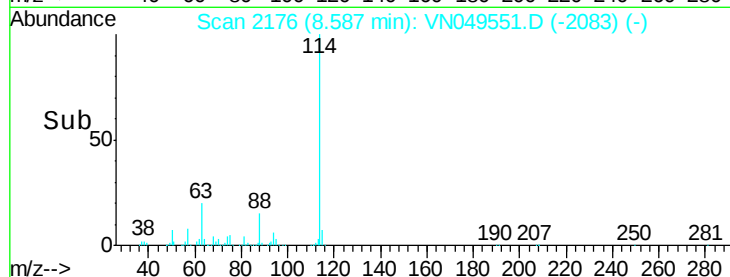
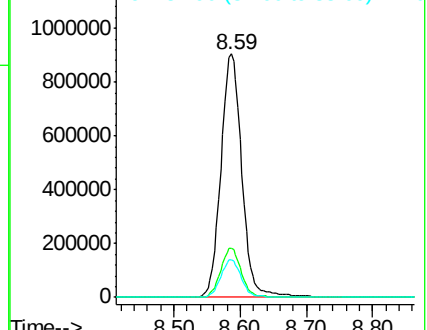
88 15.4 0.0 31.4



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: 44.48 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

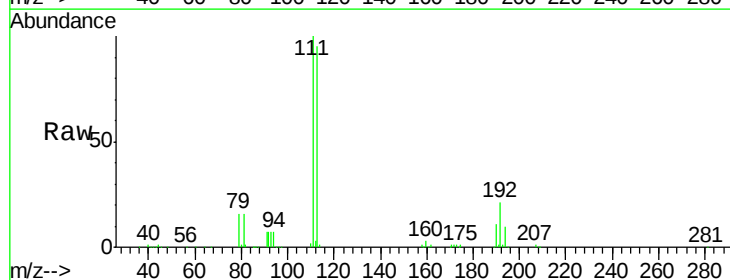
Tgt Ion:113 Resp: 715110

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

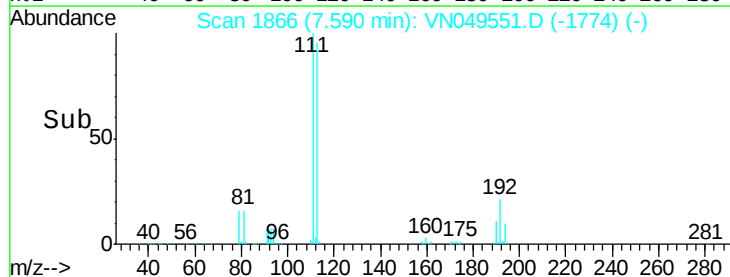
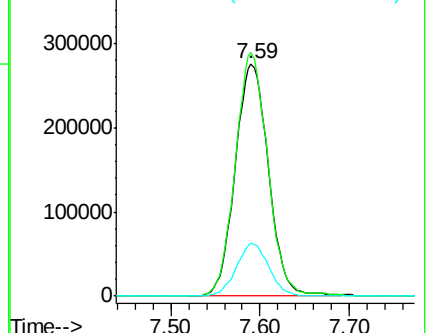
192 22.1 15.0 22.6

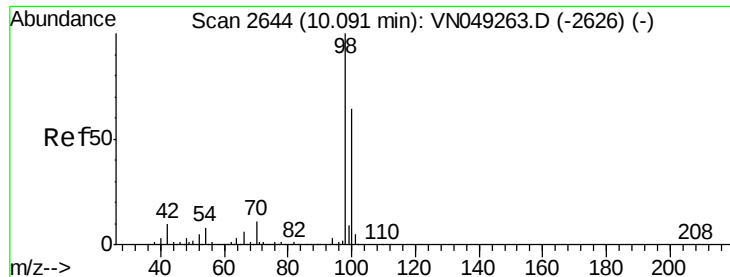


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.66 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampled :

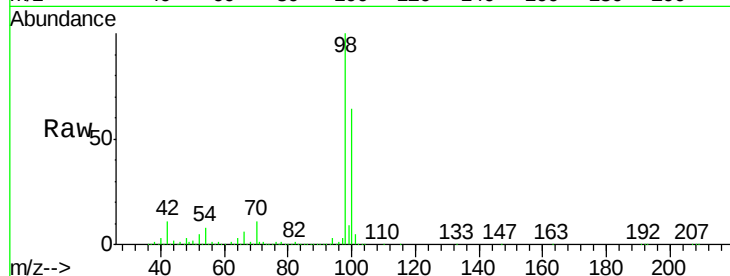
TP-1-D

Tot Ion: 98 Resp: 2672675

Ion Ratio Lower Upper

98 100

100 63.9 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049551.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049551.D (-2551) (-)

10.09

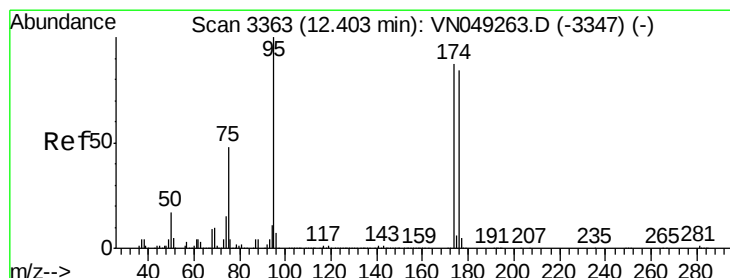
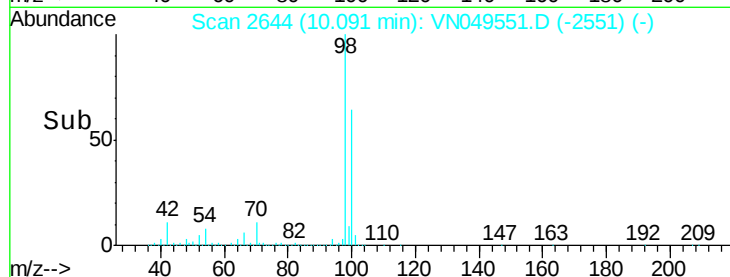
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

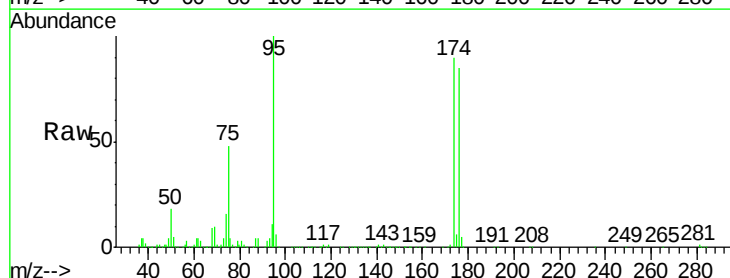
Tgt Ion: 95 Resp: 798951

Ion Ratio Lower Upper

95 100

174 89.6 0.0 165.6

176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049551.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049551.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049551.D (-3270) (-)

12.40

600000

500000

400000

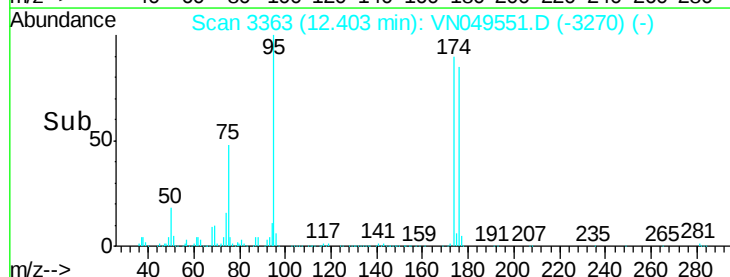
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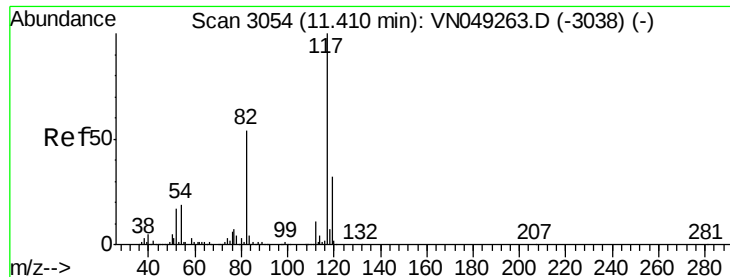
200000

100000

0

Time-->

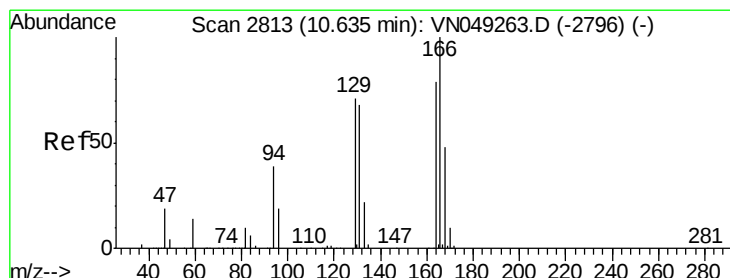
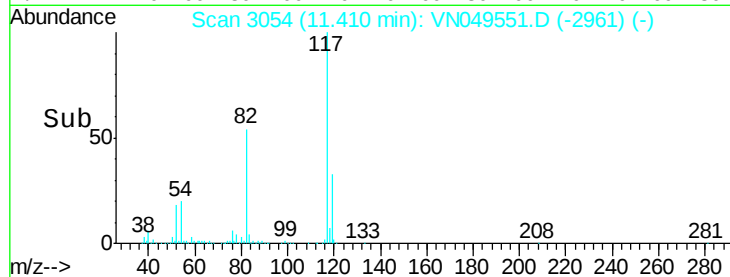
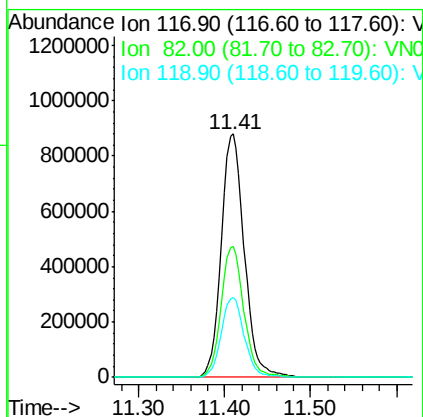
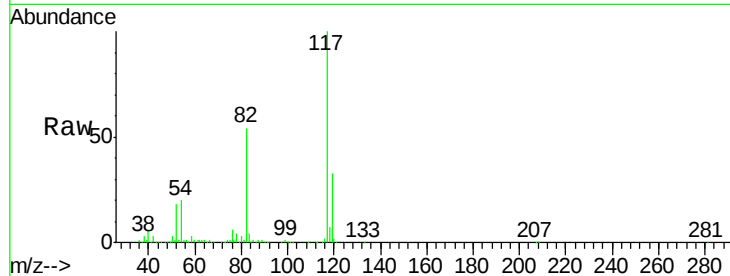




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

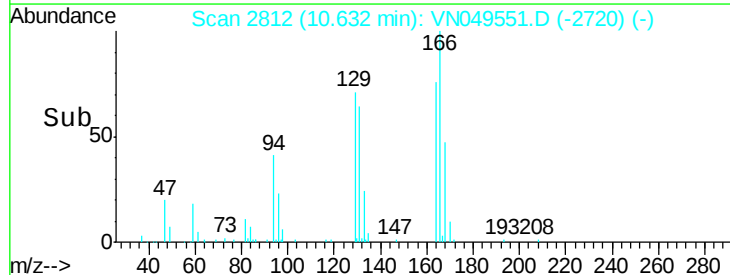
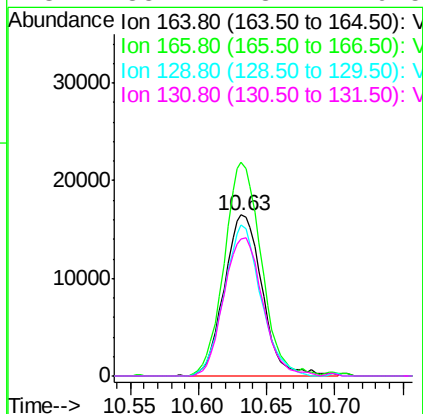
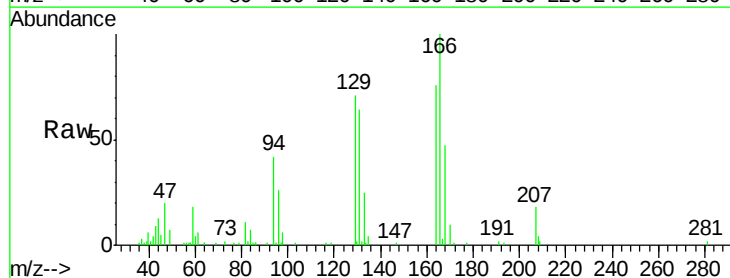
Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

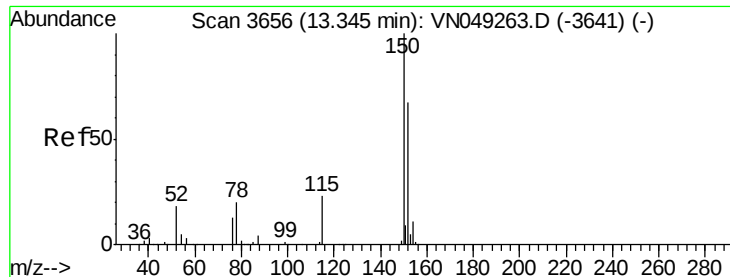
Tot Ion:117 Resp: 1638756
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 1.91 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion:164 Resp: 32092
Ion Ratio Lower Upper
164 100
166 132.4 101.4 152.2
129 93.5 74.1 111.1
131 85.1 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

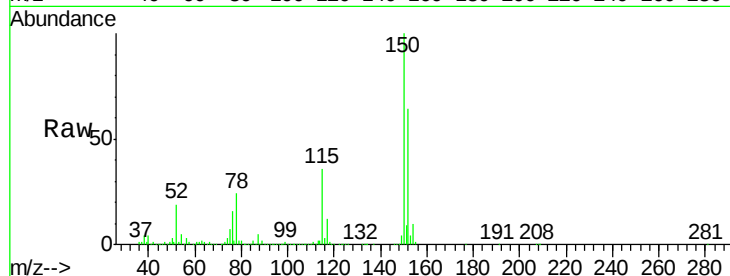
Tot Ion:152 Resp: 694157

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

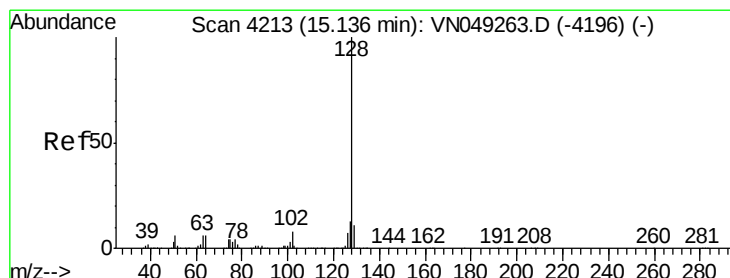
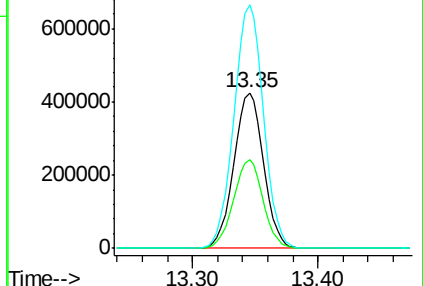
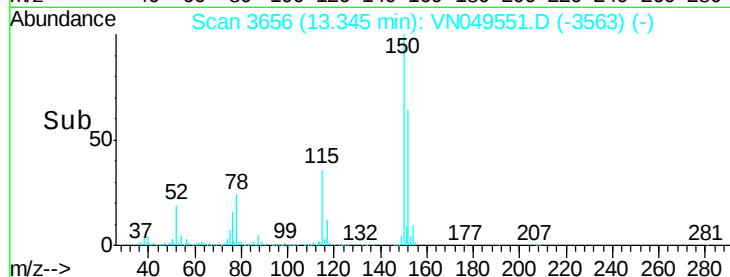
150 156.7 0.0 351.0



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



#95

Naphthalene

Concen: 20.73 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

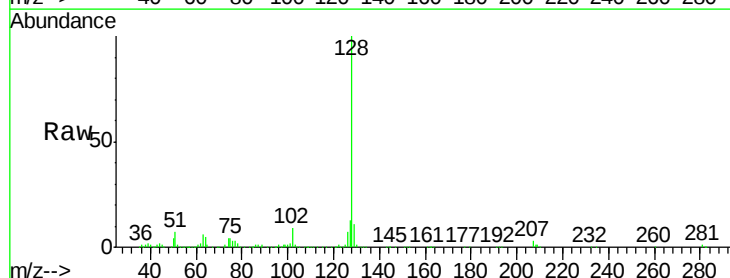
Tgt Ion:128 Resp: 378776

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.6 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

