

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061147.D
 Acq On : 22 Apr 2020 22:56
 Operator : JC/MD
 Sample : L2375-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-16A

Quant Time: Apr 23 08:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

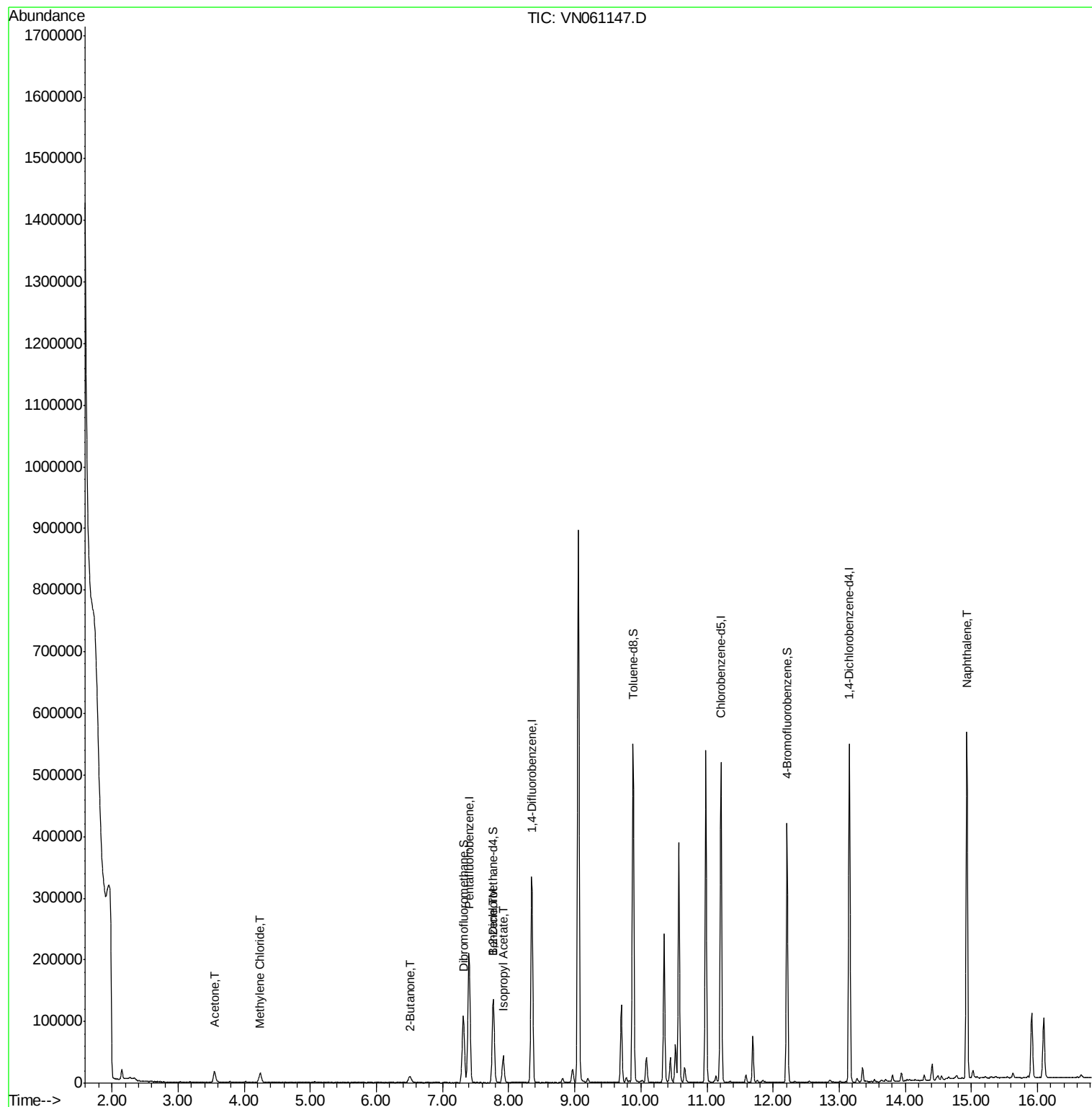
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	173445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	288397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	278900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	137366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	111419	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.31	113	83389	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	9.88	98	352987	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.21	95	138969	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
Target Compounds						
16) Acetone	3.55	43	29427	24.984	ug/l	100
20) Methylene Chloride	4.24	84	10329	5.140	ug/l	96
25) 2-Butanone	6.52	43	6865	5.478	ug/l	100
40) Benzene	7.78	78	8448	1.012	ug/l	99
43) Isopropyl Acetate	7.92	43	50477	10.521	ug/l	99
95) Naphthalene	14.93	128	431798	50.152	ug/l	100

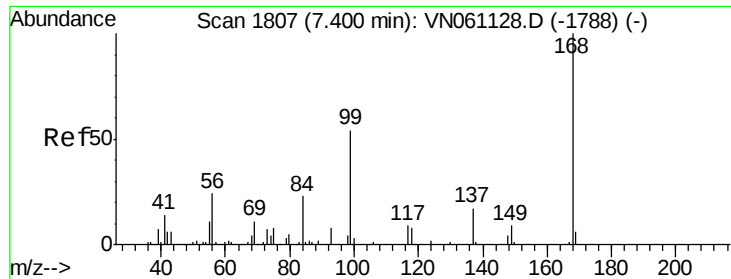
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042220\
Data File : VN061147.D
Acq On : 22 Apr 2020 22:56
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Quant Time: Apr 23 08:49:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 22 15:26:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

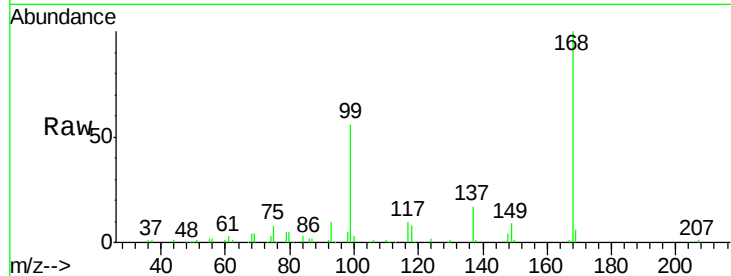
TP-16A

Tot Ion:168 Resp: 173445

Ion Ratio Lower Upper

168 100

99 55.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.40

60000

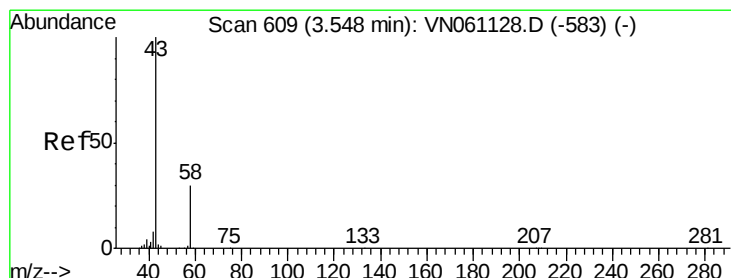
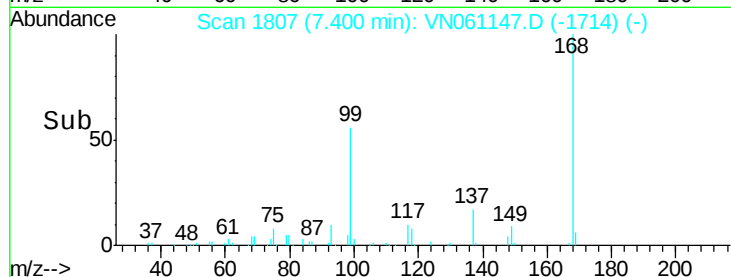
40000

20000

0

7.30 7.40 7.50

Time-->



#16

Acetone

Concen: 24.984 ug/l

RT: 3.55 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN061147.D

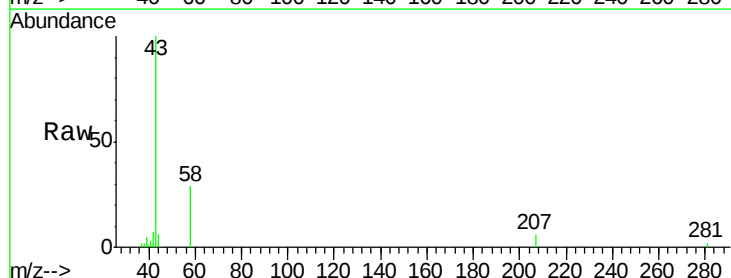
Acq: 22 Apr 2020 22:56

Tgt Ion: 43 Resp: 29427

Ion Ratio Lower Upper

43 100

58 29.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.55

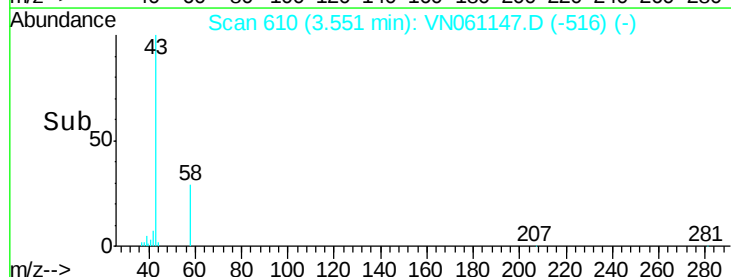
10000

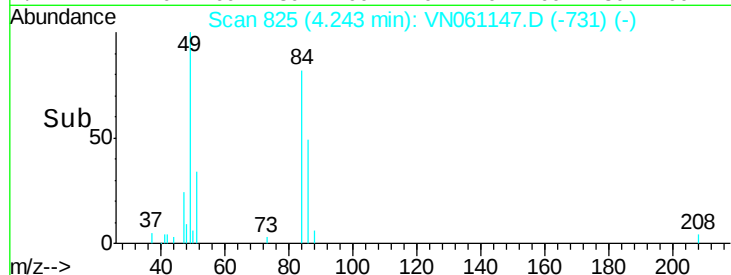
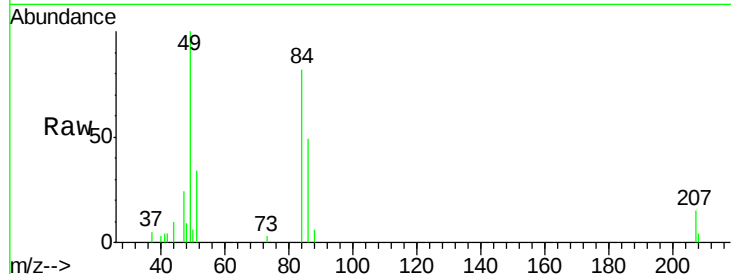
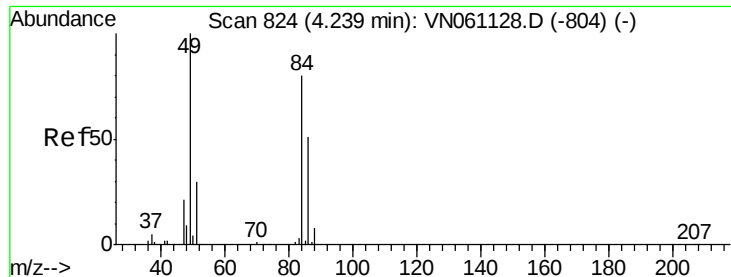
5000

0

3.45 3.50 3.55 3.60 3.65

Time-->

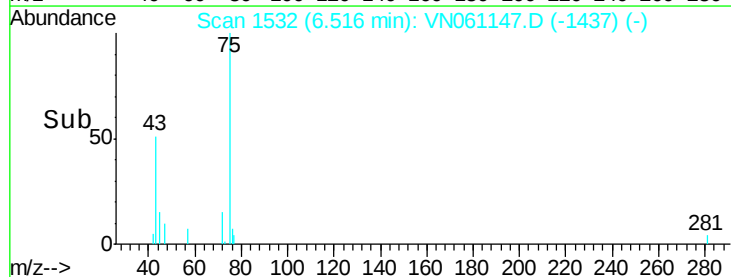
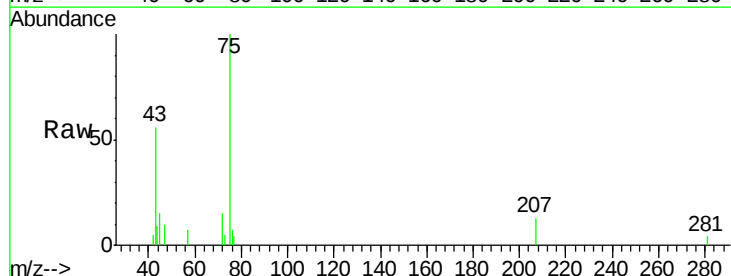
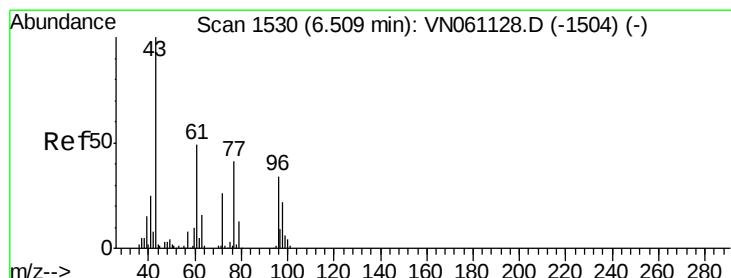
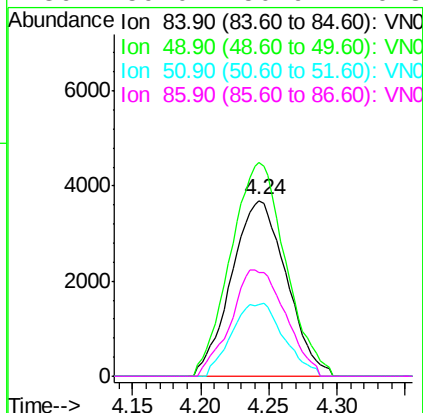




#20
Methylene Chloride
Concen: 5.140 ug/l
RT: 4.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VN061147.D
Acq: 22 Apr 2020 22:56

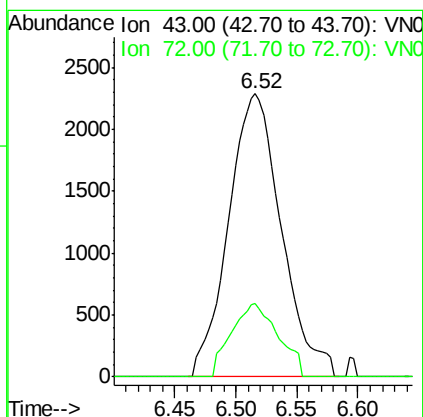
Instrument :
MSVOA_N
ClientSampled :
TP-16A

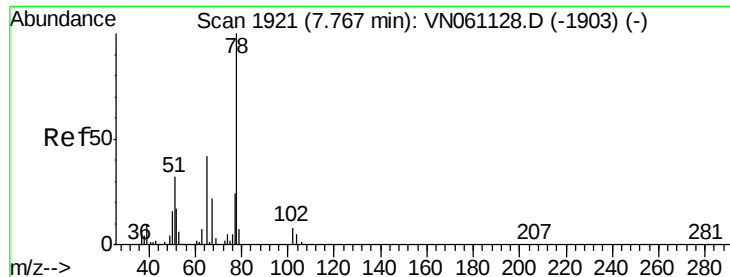
Tot Ion:	84	Resp:	10329
Ion	Ratio	Lower	Upper
84	100		
49	121.6	99.8	149.6
51	40.9	29.9	44.9
86	59.0	50.9	76.3



#25
2-Butanone
Concen: 5.478 ug/l
RT: 6.52 min Scan# 1532
Delta R.T. 0.01 min
Lab File: VN061147.D
Acq: 22 Apr 2020 22:56

Tgt Ion:	43	Resp:	6865
Ion	Ratio	Lower	Upper
43	100		
72	26.1	20.8	31.2





#33

1,2-Dichloroethane-d4

Concen: 48.446 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

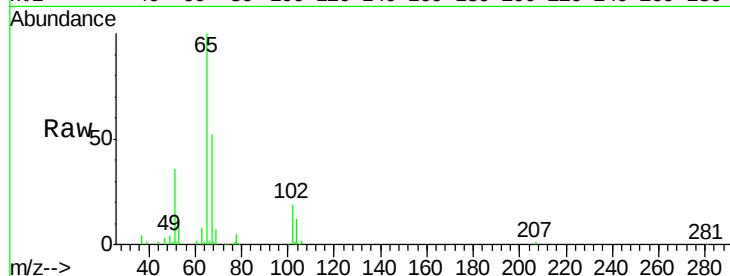
TP-16A

Tot Ion: 65 Resp: 111419

Ion Ratio Lower Upper

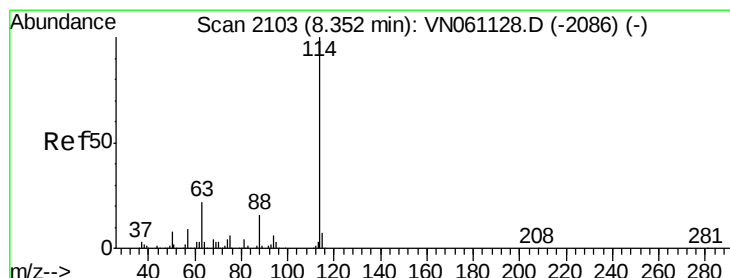
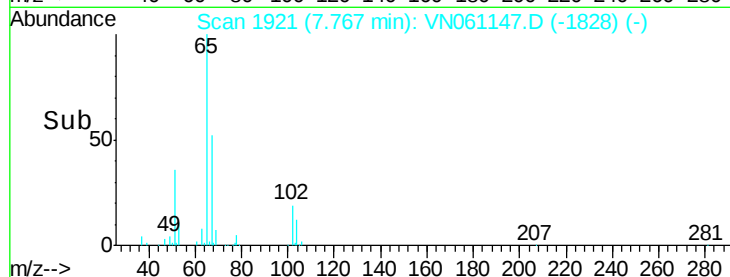
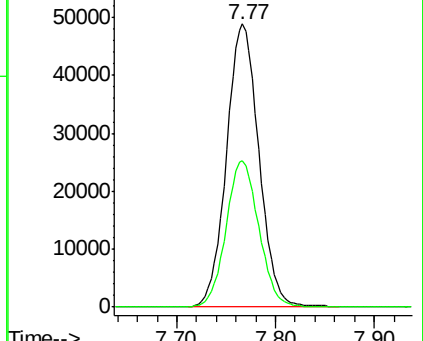
65 100

67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN061147.D (-1828) (-)

Ion 66.90 (66.60 to 67.60): VN061147.D (-1828) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

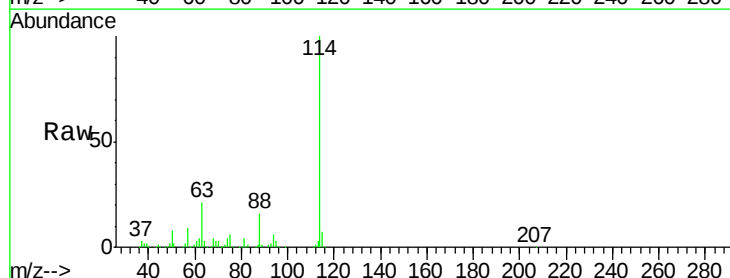
Tgt Ion: 114 Resp: 288397

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

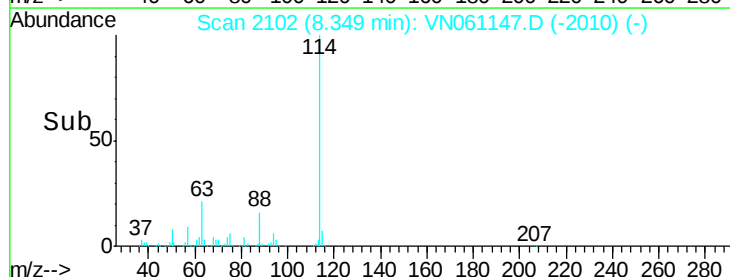
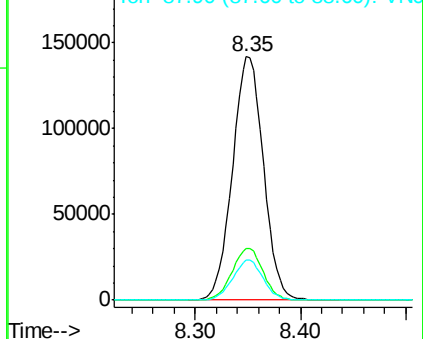
88 16.4 0.0 32.4

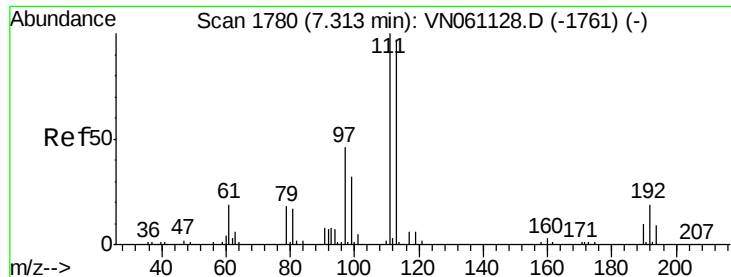


Abundance Ion 113.90 (113.60 to 114.60): VN061147.D (-2010) (-)

Ion 63.00 (62.70 to 63.70): VN061147.D (-2010) (-)

Ion 87.90 (87.60 to 88.60): VN061147.D (-2010) (-)

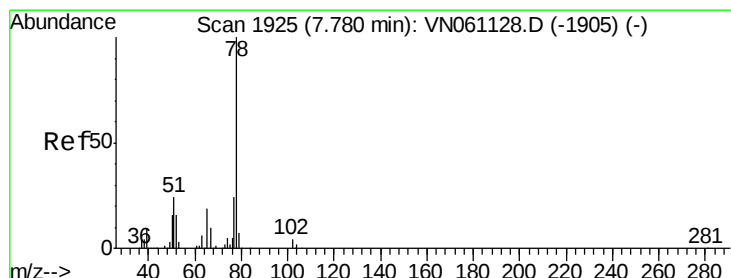
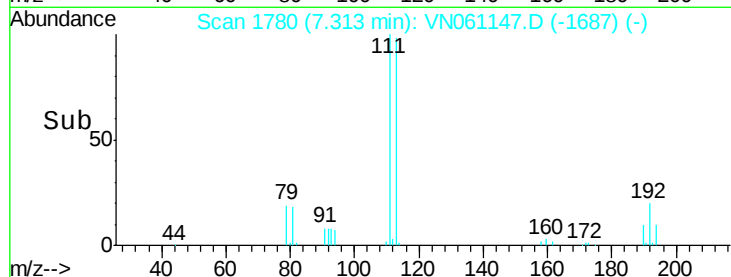
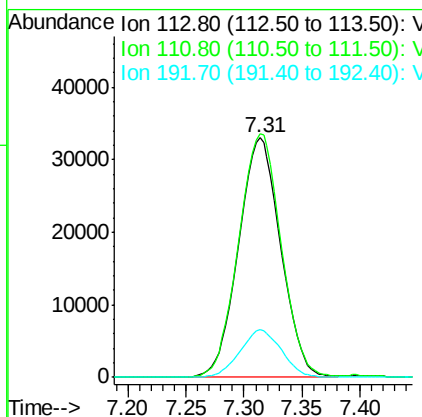
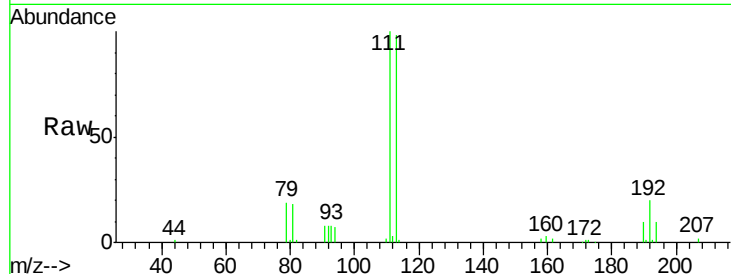




#35
Dibromofluoromethane
Concen: 50.666 ug/l
RT: 7.31 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VN061147.D
Acq: 22 Apr 2020 22:56

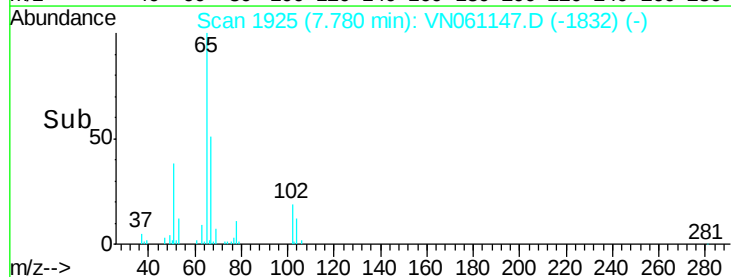
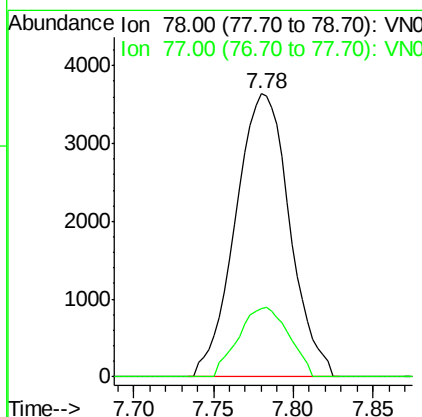
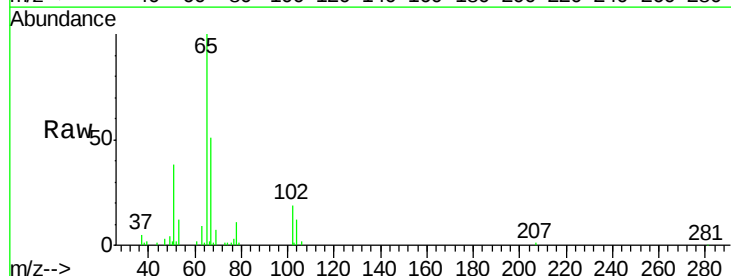
Instrument :
MSVOA_N
ClientSampleId :
TP-16A

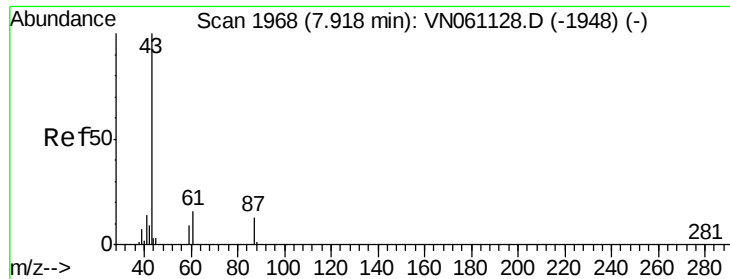
Tot Ion:113 Resp: 83389
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 19.7 15.8 23.6



#40
Benzene
Concen: 1.012 ug/l
RT: 7.78 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VN061147.D
Acq: 22 Apr 2020 22:56

Tgt Ion: 78 Resp: 8448
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#43

Isopropyl Acetate

Concen: 10.521 ug/l

RT: 7.92 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

TP-16A

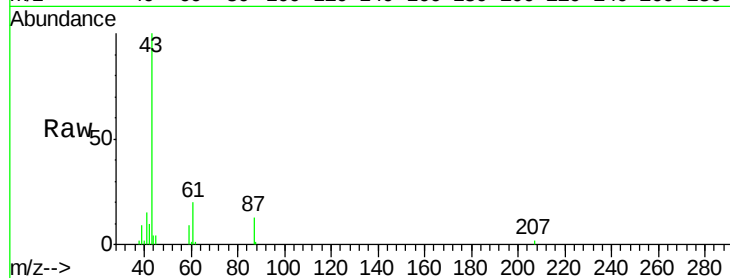
Tot Ion: 43 Resp: 50477

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

87 13.2 10.2 15.4

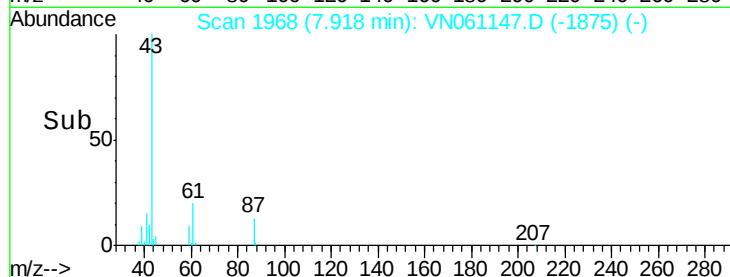


Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-1948) (-)

Ion 61.00 (60.70 to 61.70): VN061128.D (-1948) (-)

Ion 87.00 (86.70 to 87.70): VN061128.D (-1948) (-)

Time-->



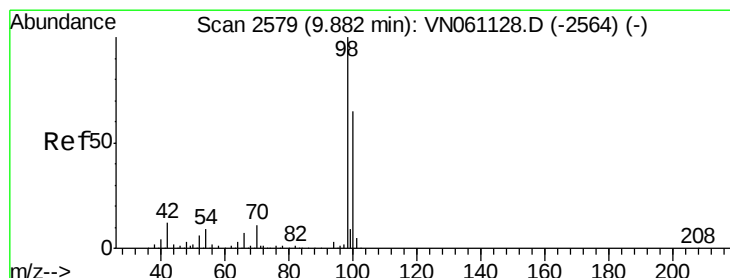
Abundance

Ion 43.00 (42.70 to 43.70): VN061147.D (-1875) (-)

Ion 61.00 (60.70 to 61.70): VN061147.D (-1875) (-)

Ion 87.00 (86.70 to 87.70): VN061147.D (-1875) (-)

Time-->



#50

Toluene-d8

Concen: 50.050 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. 0.00 min

Lab File: VN061147.D

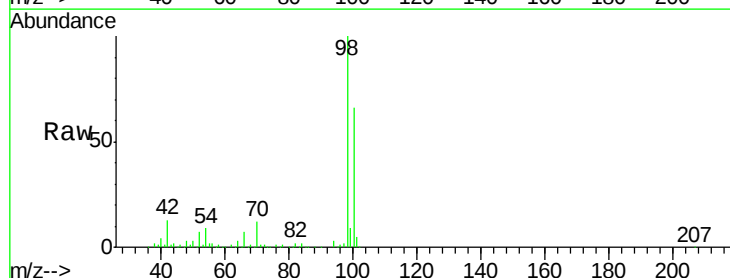
Acq: 22 Apr 2020 22:56

Tgt Ion: 98 Resp: 352987

Ion Ratio Lower Upper

98 100

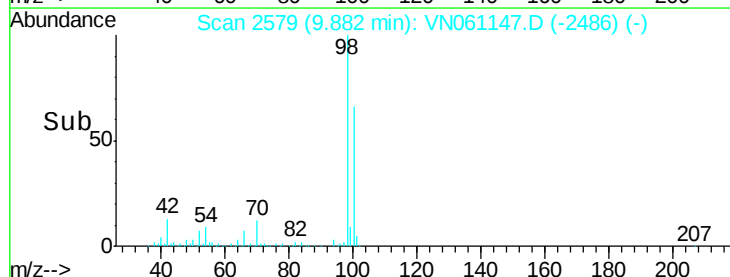
100 65.2 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN061128.D (-2564) (-)

Ion 100.00 (99.70 to 100.70): VN061128.D (-2564) (-)

Time-->

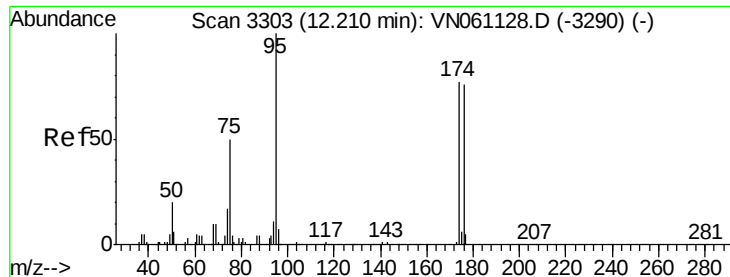


Abundance

Ion 98.00 (97.70 to 98.70): VN061147.D (-2486) (-)

Ion 100.00 (99.70 to 100.70): VN061147.D (-2486) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 52.613 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

TP-16A

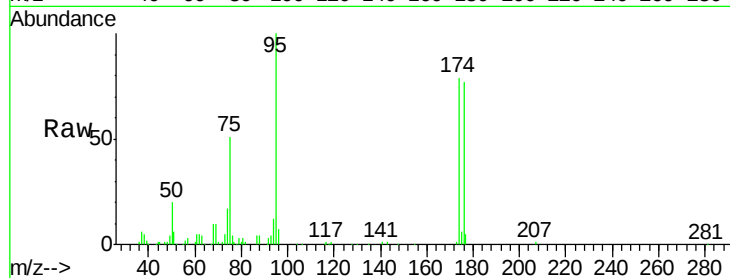
Tot Ion: 95 Resp: 138969

Ion Ratio Lower Upper

95 100

174 79.4 0.0 157.6

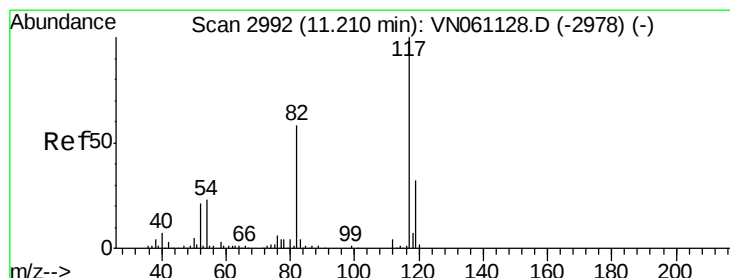
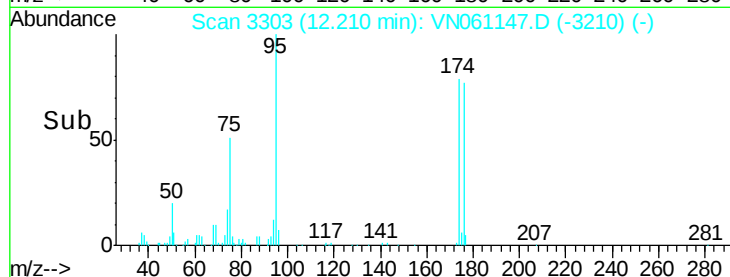
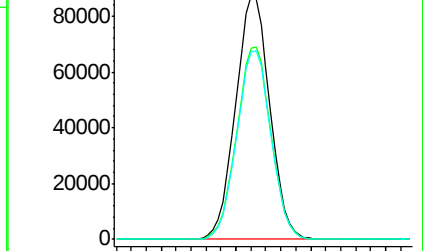
176 77.6 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VN061147.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061147.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061147.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

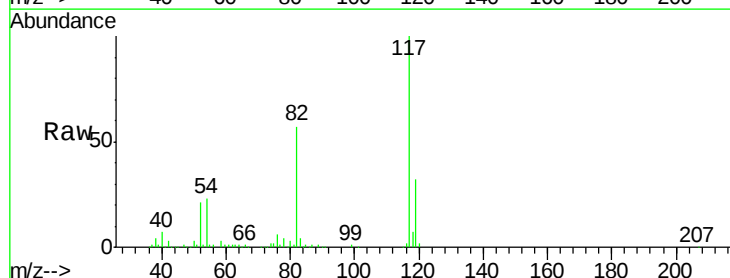
Tgt Ion: 117 Resp: 278900

Ion Ratio Lower Upper

117 100

82 56.6 46.0 69.0

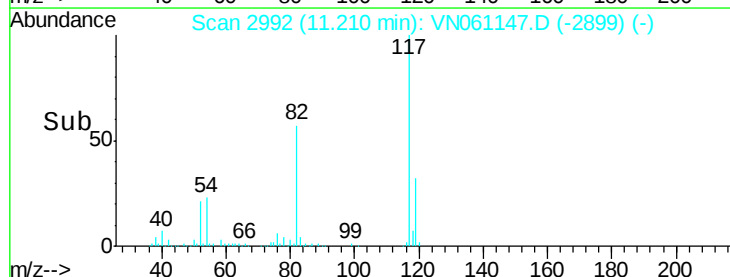
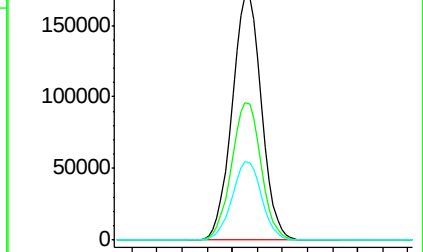
119 32.0 25.9 38.9

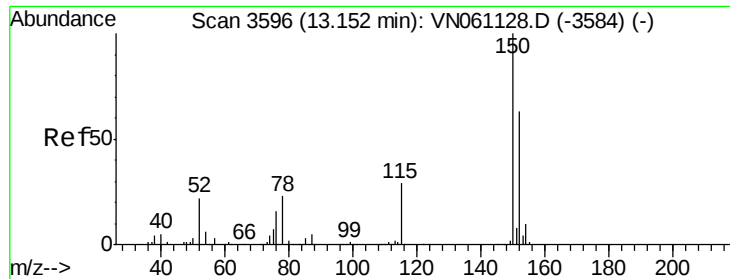


Abundance Ion 116.90 (116.60 to 117.60): VN061147.D (-2899) (-)

Ion 82.00 (81.70 to 82.70): VN061147.D (-2899) (-)

Ion 118.90 (118.60 to 119.60): VN061147.D (-2899) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

TP-16A

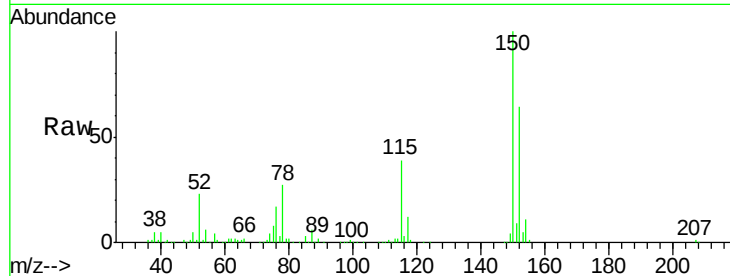
Tot Ion:152 Resp: 137366

Ion Ratio Lower Upper

152 100

115 59.5 29.8 89.5

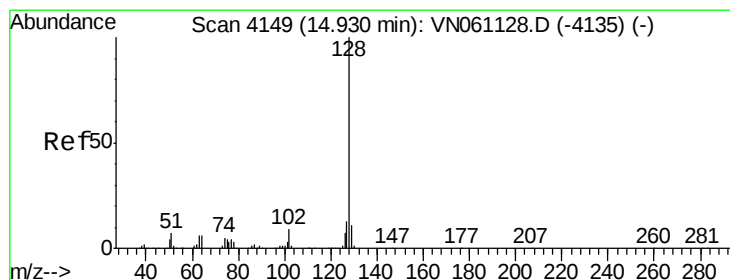
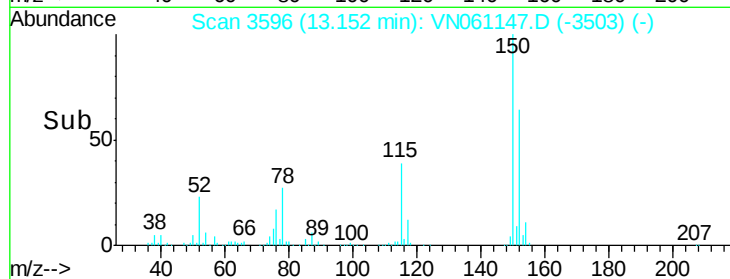
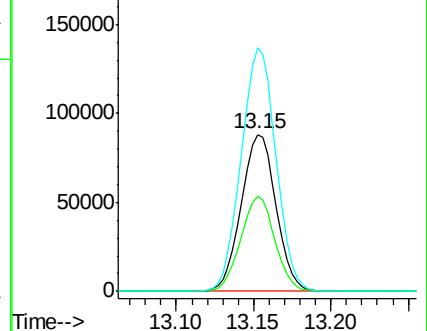
150 155.9 0.0 348.6



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: 50.152 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. 0.00 min

Lab File: VN061147.D

Acq: 22 Apr 2020 22:56

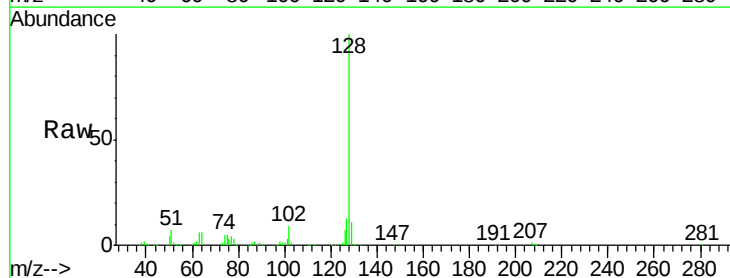
Tgt Ion:128 Resp: 431798

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.7 8.6 12.8



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

