

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056318.D
 Acq On : 14 Jun 2019 17:38
 Operator : JC/SP
 Sample : K3368-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL

Quant Time: Jun 15 00:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

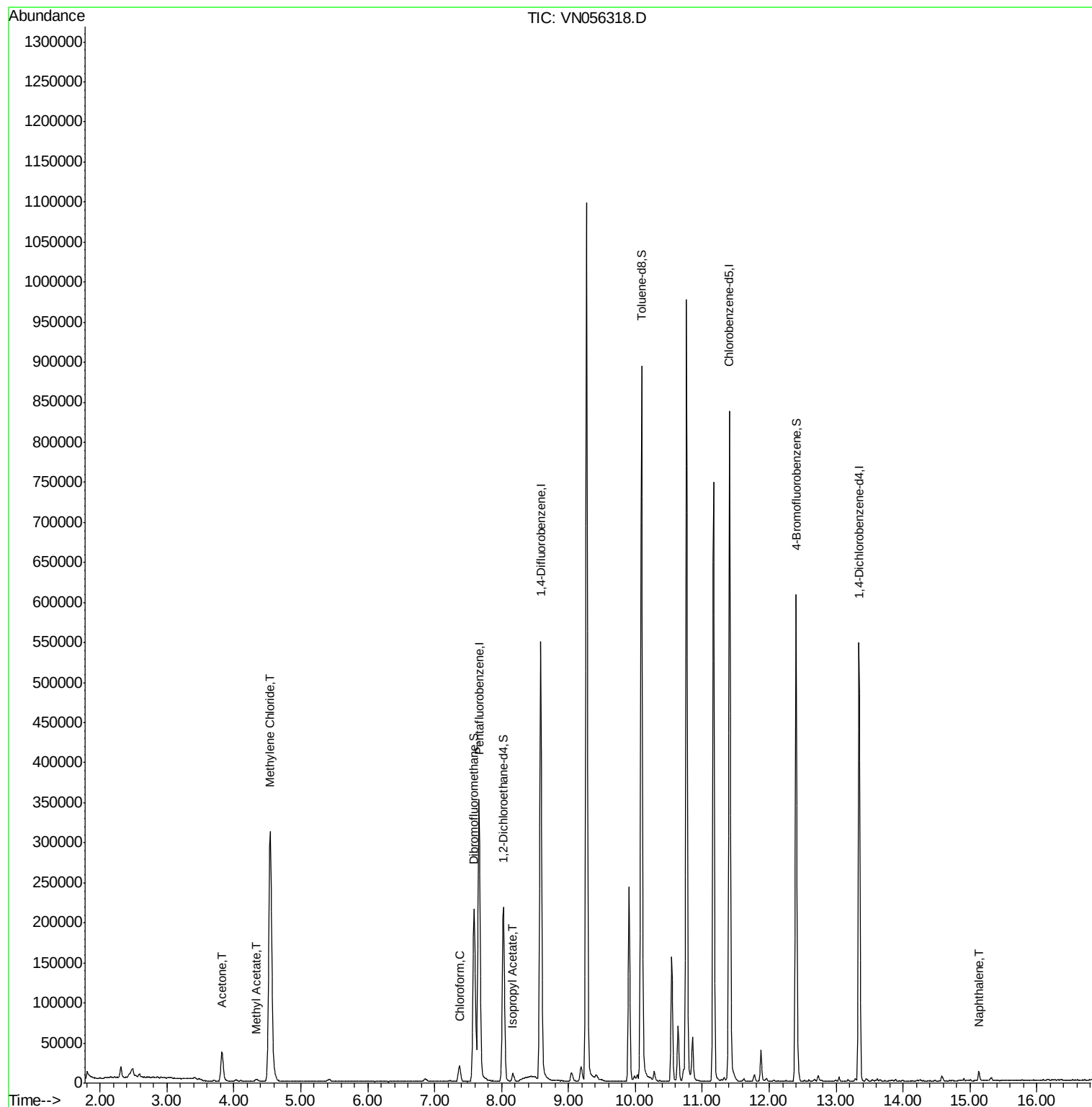
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	321912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	533285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184220	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
35) Dibromofluoromethane	7.59	113	166703	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.09	98	664753	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.40	95	214495	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
16) Acetone	3.82	43	60253	39.415	ug/l	99
18) Methyl Acetate	4.33	43	6358	1.557	ug/l	91
20) Methylene Chloride	4.54	84	254919	80.940	ug/l	97
30) Chloroform	7.37	83	22448	4.386	ug/l	91
43) Isopropyl Acetate	8.17	43	11908	1.801	ug/l #	87
95) Naphthalene	15.13	128	10679	5.113	ug/l	100

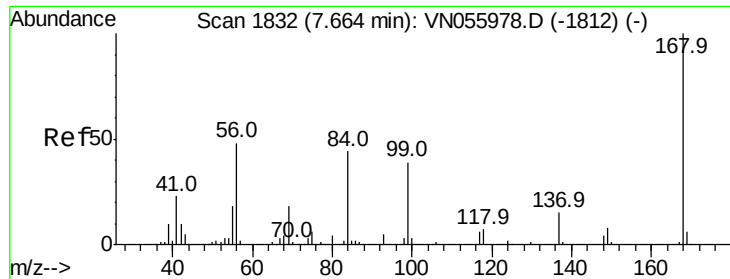
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061419\
Data File : VN056318.D
Acq On : 14 Jun 2019 17:38
Operator : JC/SP
Sample : K3368-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOIL

Quant Time: Jun 15 00:31:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056318.D

Acq: 14 Jun 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

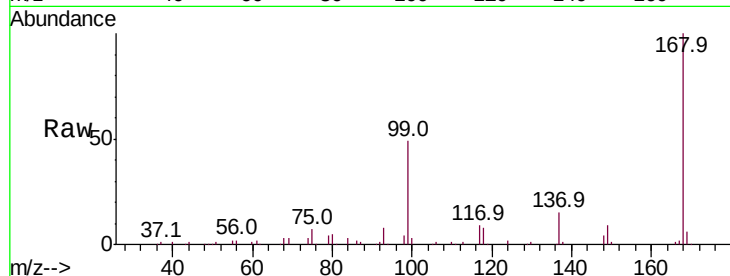
SOIL

Tot Ion:168 Resp: 321912

Ion Ratio Lower Upper

168 100

99 48.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.66

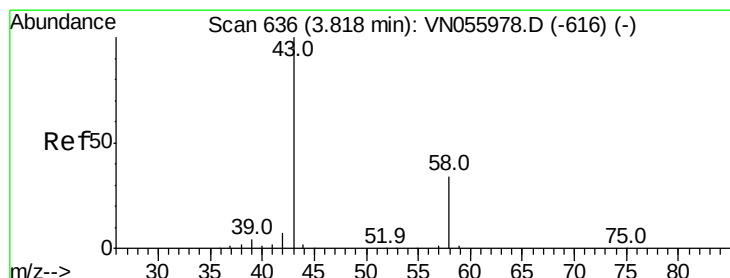
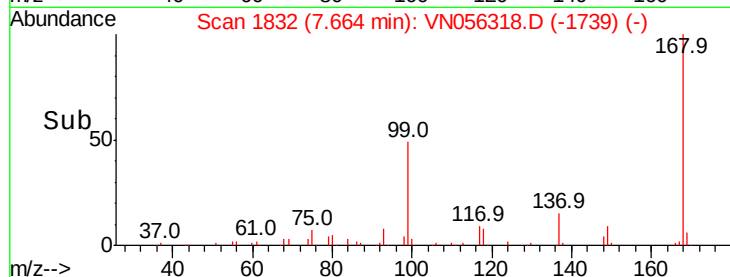
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 39.415 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056318.D

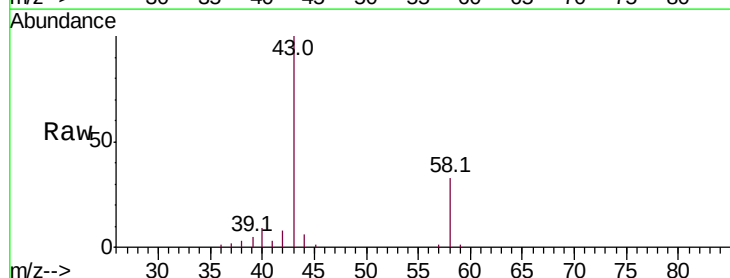
Acq: 14 Jun 2019 17:38

Tgt Ion: 43 Resp: 60253

Ion Ratio Lower Upper

43 100

58 32.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

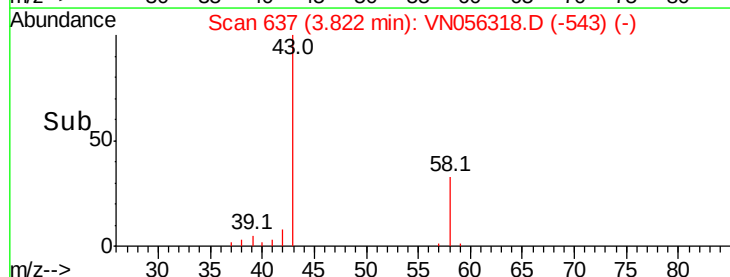
15000

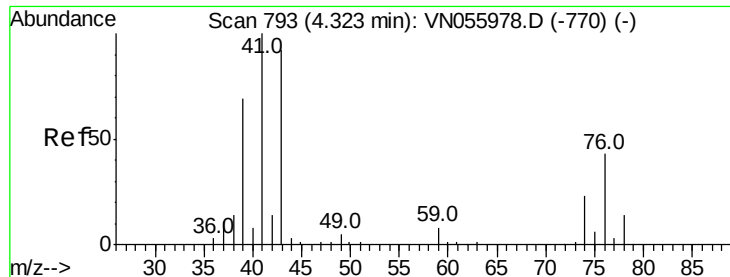
10000

5000

0

Time-->

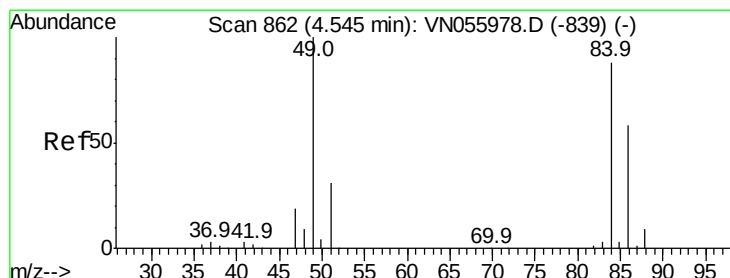
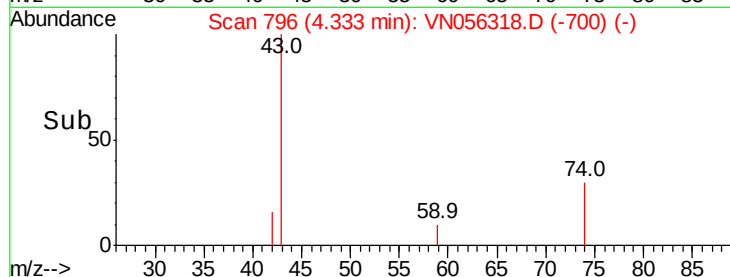
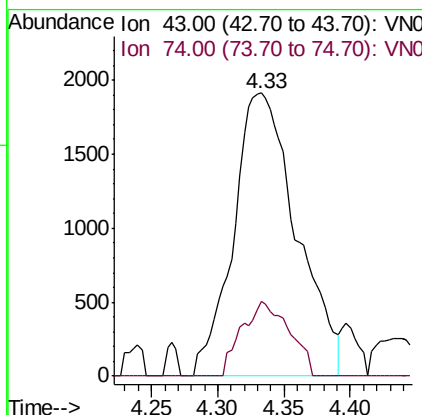
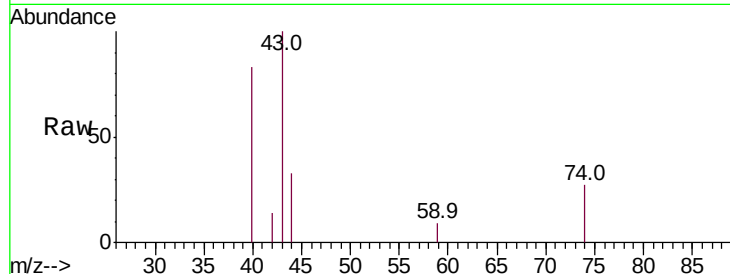




#18
Methyl Acetate
Concen: 1.557 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056318.D
Acq: 14 Jun 2019 17:38

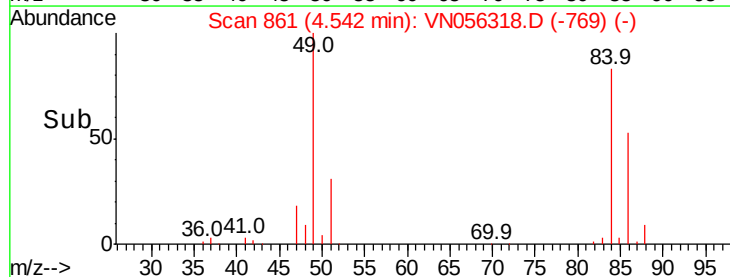
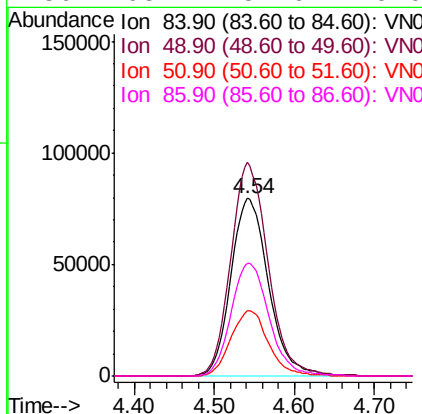
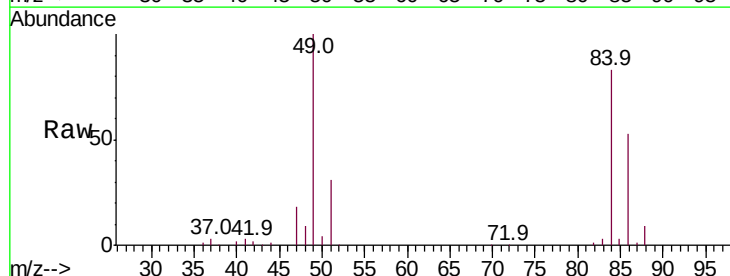
Instrument :
MSVOA_N
ClientSampleId :
SOIL

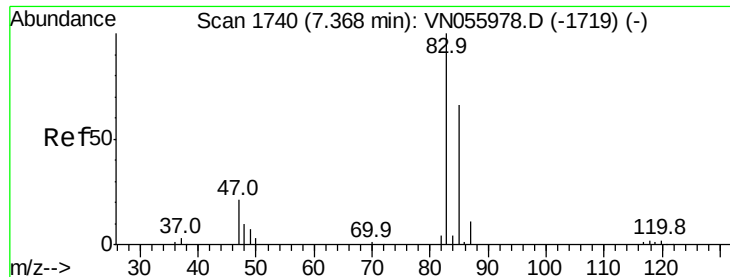
Tot Ion: 43 Resp: 6358
Ion Ratio Lower Upper
43 100
74 19.8 19.3 28.9



#20
Methylene Chloride
Concen: 80.940 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056318.D
Acq: 14 Jun 2019 17:38

Tgt Ion: 84 Resp: 254919
Ion Ratio Lower Upper
84 100
49 120.3 93.5 140.3
51 36.8 28.6 43.0
86 63.2 52.6 79.0

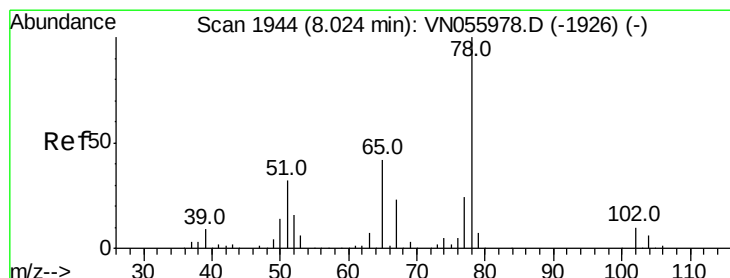
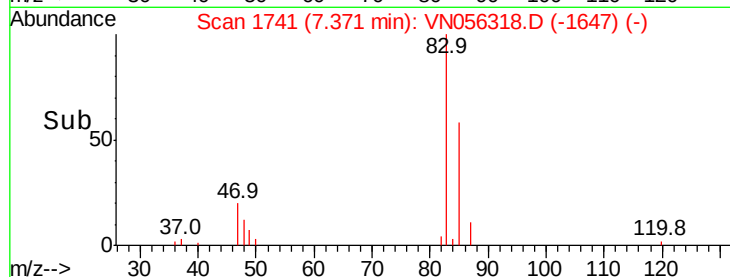
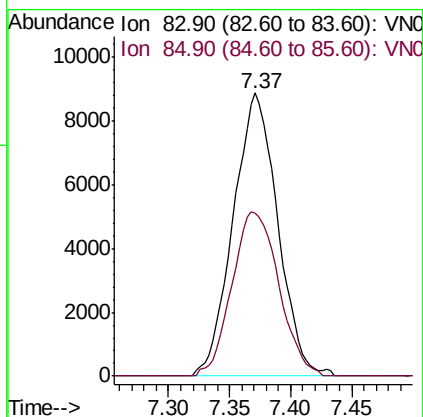
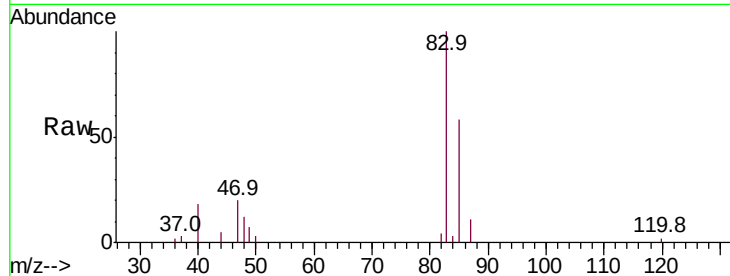




#30
Chloroform
Concen: 4.386 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056318.D
Acq: 14 Jun 2019 17:38

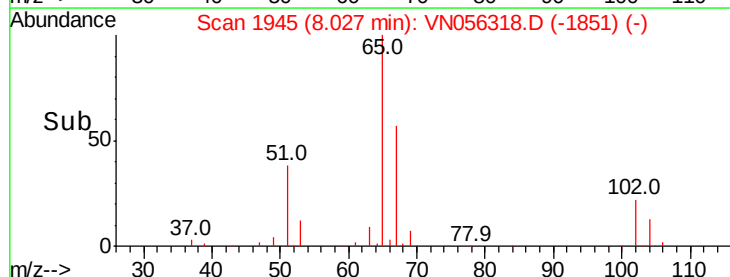
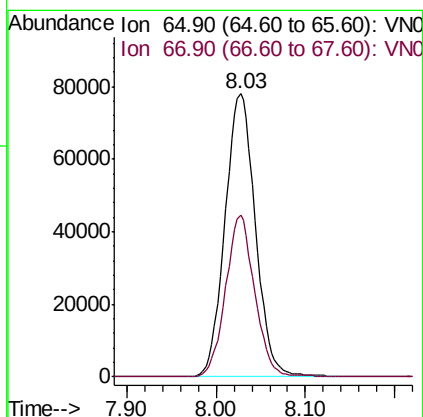
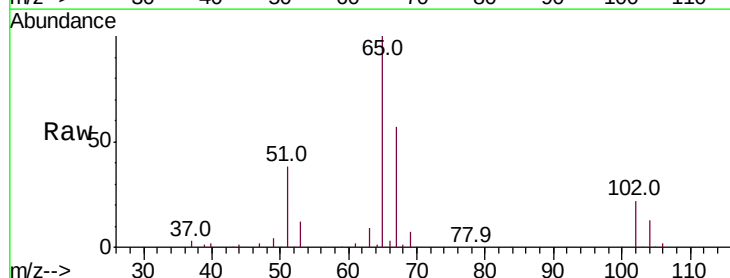
Instrument :
MSVOA_N
ClientSampled :
SOIL

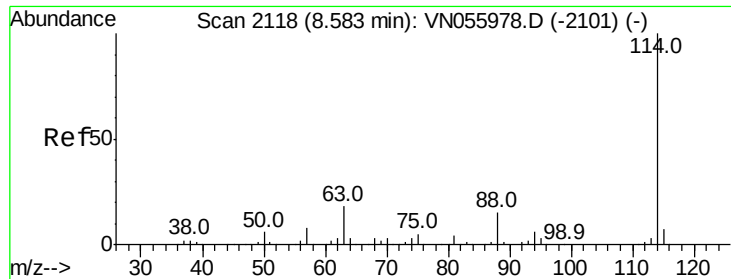
Tot Ion: 83 Resp: 22448
Ion Ratio Lower Upper
83 100
85 57.6 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 57.635 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056318.D
Acq: 14 Jun 2019 17:38

Tgt Ion: 65 Resp: 184220
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.2

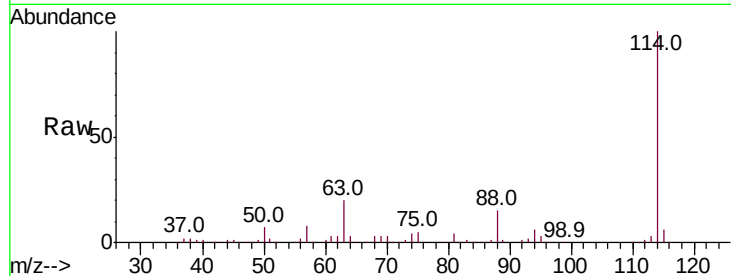




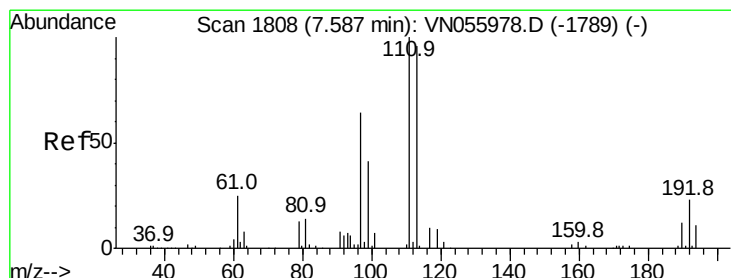
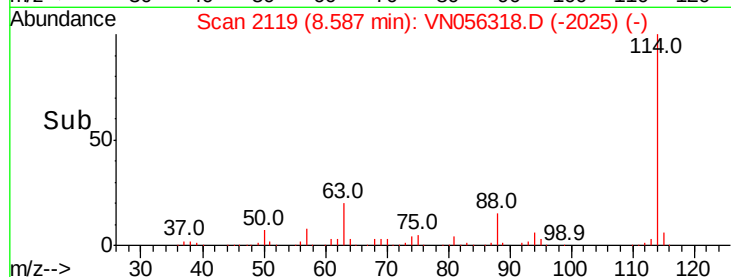
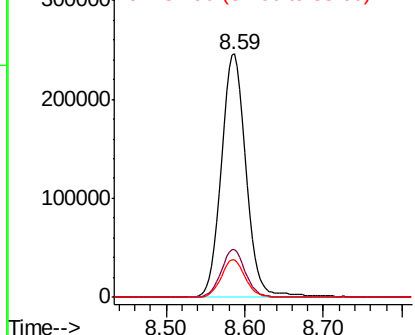
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056318.D
 Acq: 14 Jun 2019 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.2
88	15.3	0.0	31.0

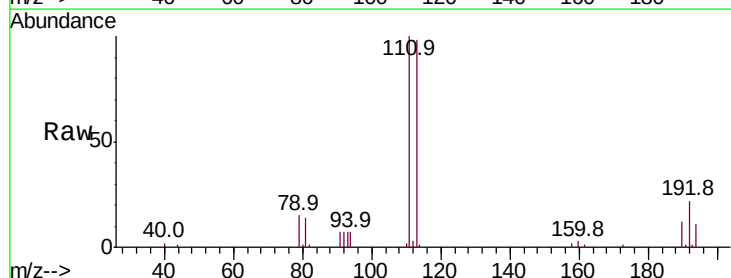


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

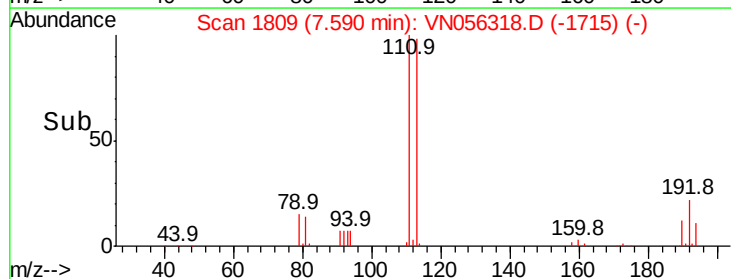
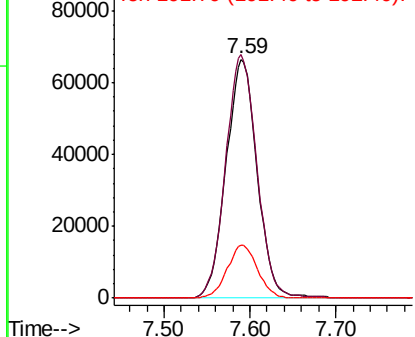


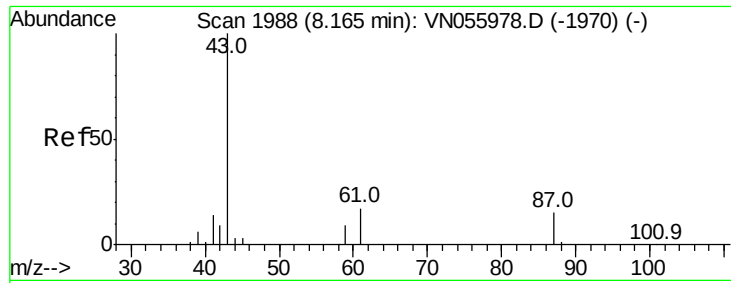
#35
 Dibromofluoromethane
 Concen: 50.950 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056318.D
 Acq: 14 Jun 2019 17:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	21.7	19.5	29.3



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





#43

Isopropyl Acetate

Concen: 1.801 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN056318.D

Acq: 14 Jun 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

SOIL

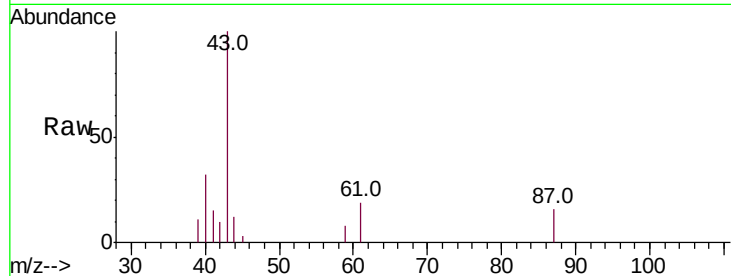
Tot Ion: 43 Resp: 11908

Ion Ratio Lower Upper

43 100

61 18.9 22.2 33.4#

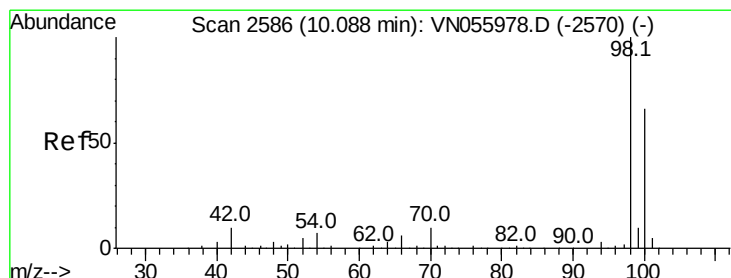
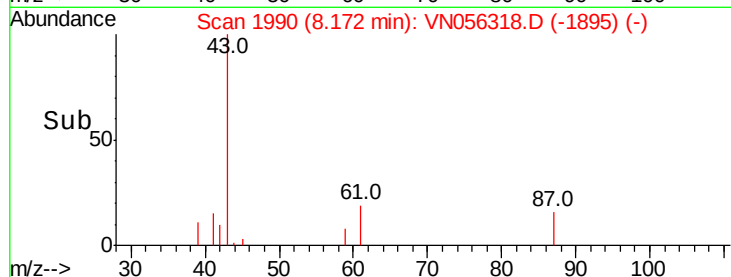
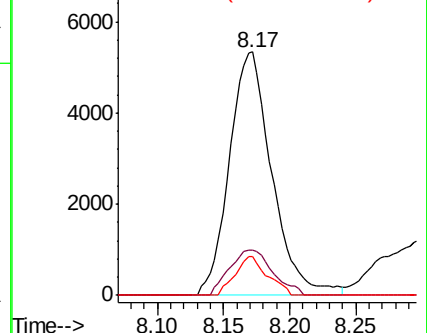
87 12.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.799 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056318.D

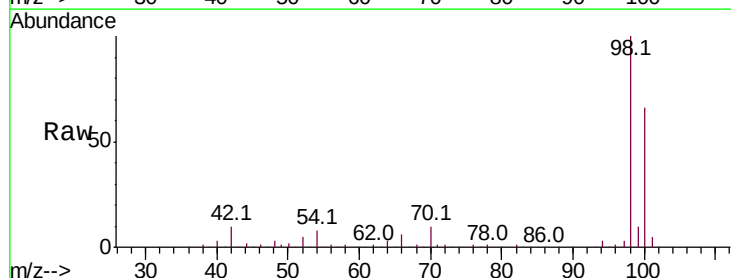
Acq: 14 Jun 2019 17:38

Tgt Ion: 98 Resp: 664753

Ion Ratio Lower Upper

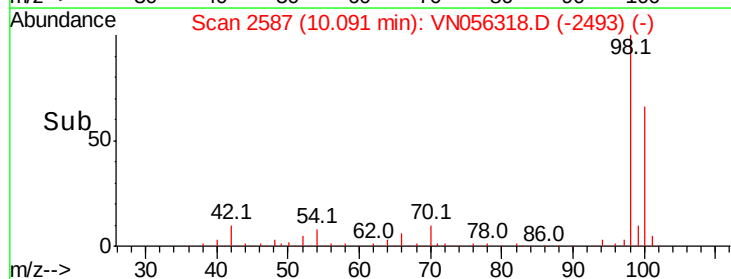
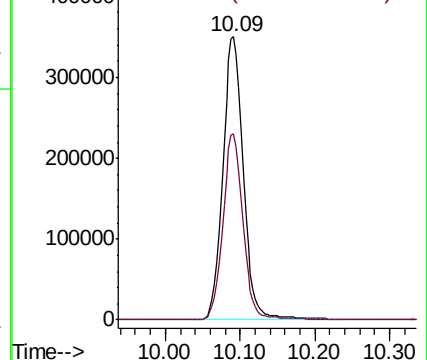
98 100

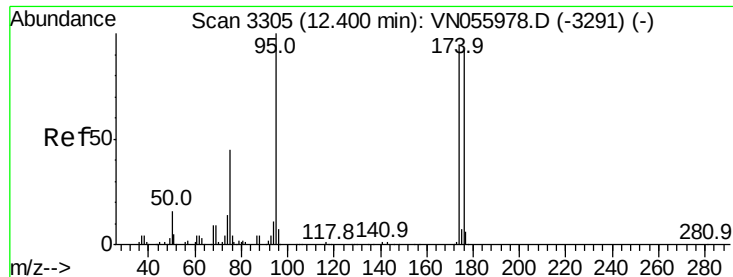
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.097 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056318.D

Acq: 14 Jun 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

SOIL

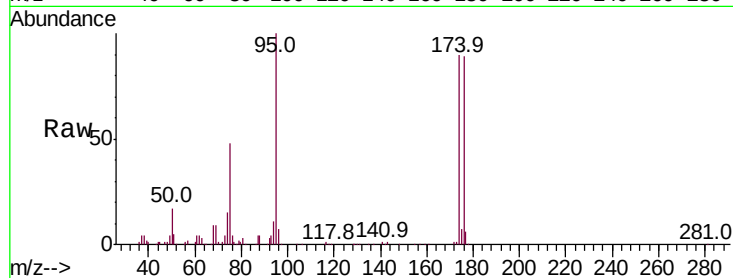
Tot Ion: 95 Resp: 214495

Ion Ratio Lower Upper

95 100

174 92.7 0.0 191.0

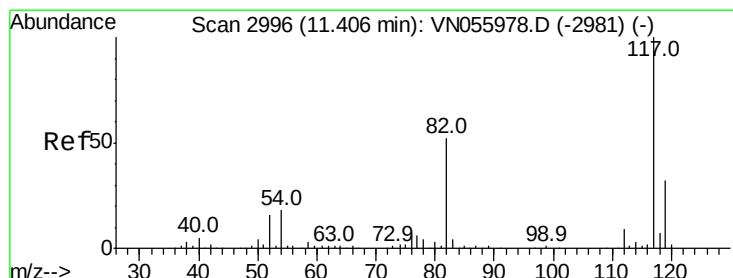
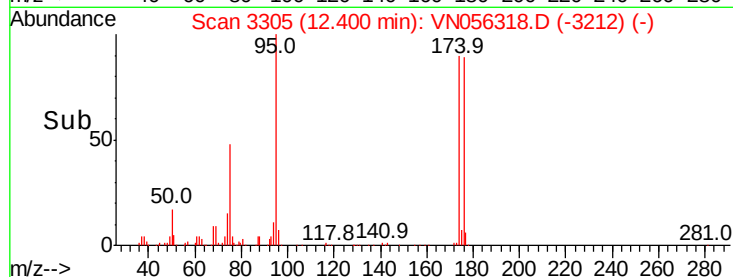
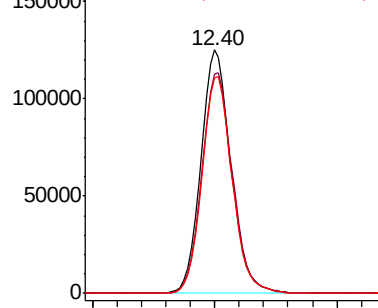
176 89.1 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056318.D

Acq: 14 Jun 2019 17:38

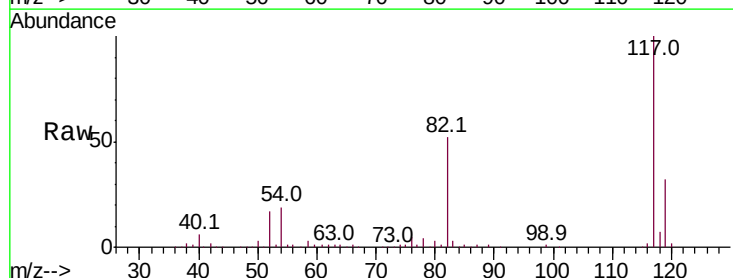
Tgt Ion: 117 Resp: 532399

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

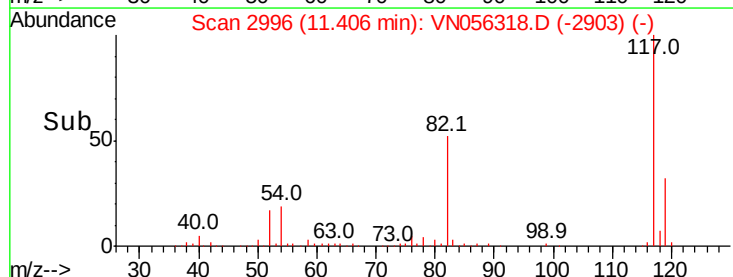
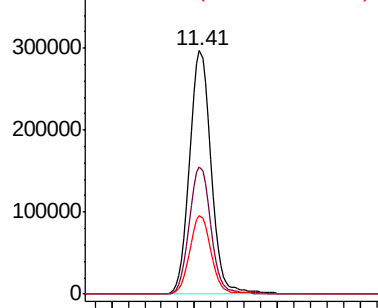
119 32.5 25.4 38.0

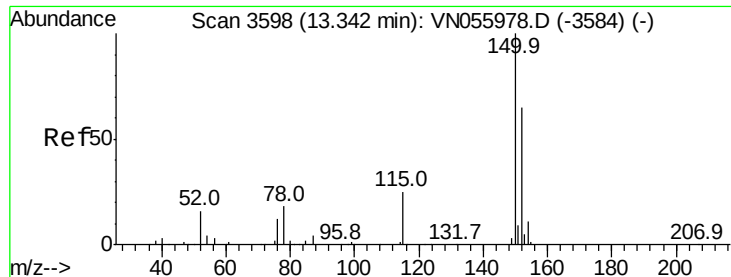


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056318.D

Acq: 14 Jun 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

SOIL

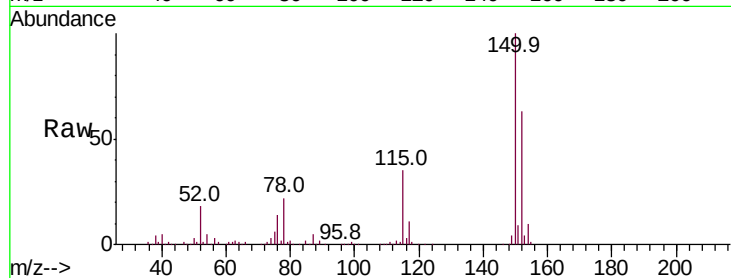
Tot Ion:152 Resp: 163316

Ion Ratio Lower Upper

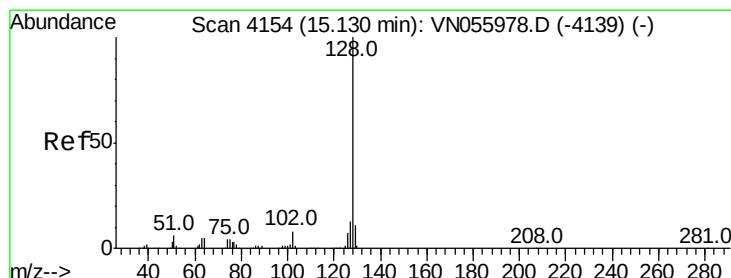
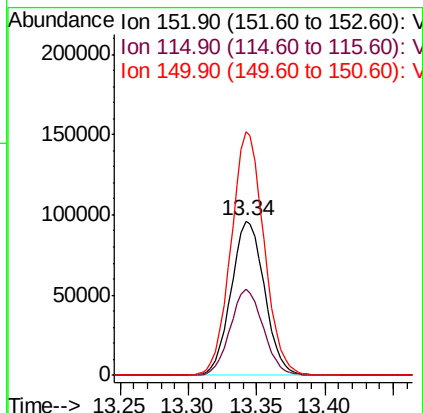
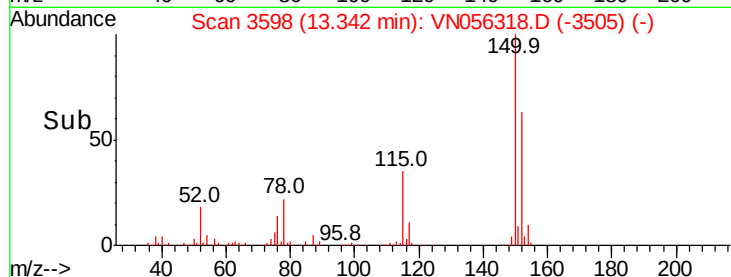
152 100

115 55.4 27.0 81.0

150 156.0 0.0 343.2



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: 5.113 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056318.D

Acq: 14 Jun 2019 17:38

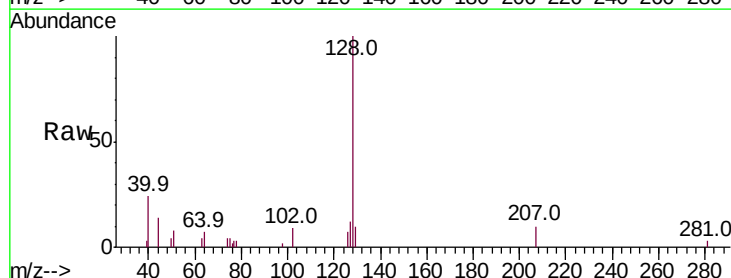
Tgt Ion:128 Resp: 10679

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.7 13.1



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

