

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053017.D
 Acq On : 19 Dec 2018 17:56
 Operator : MD\SY
 Sample : J6475-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE

Quant Time: Dec 20 06:41:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

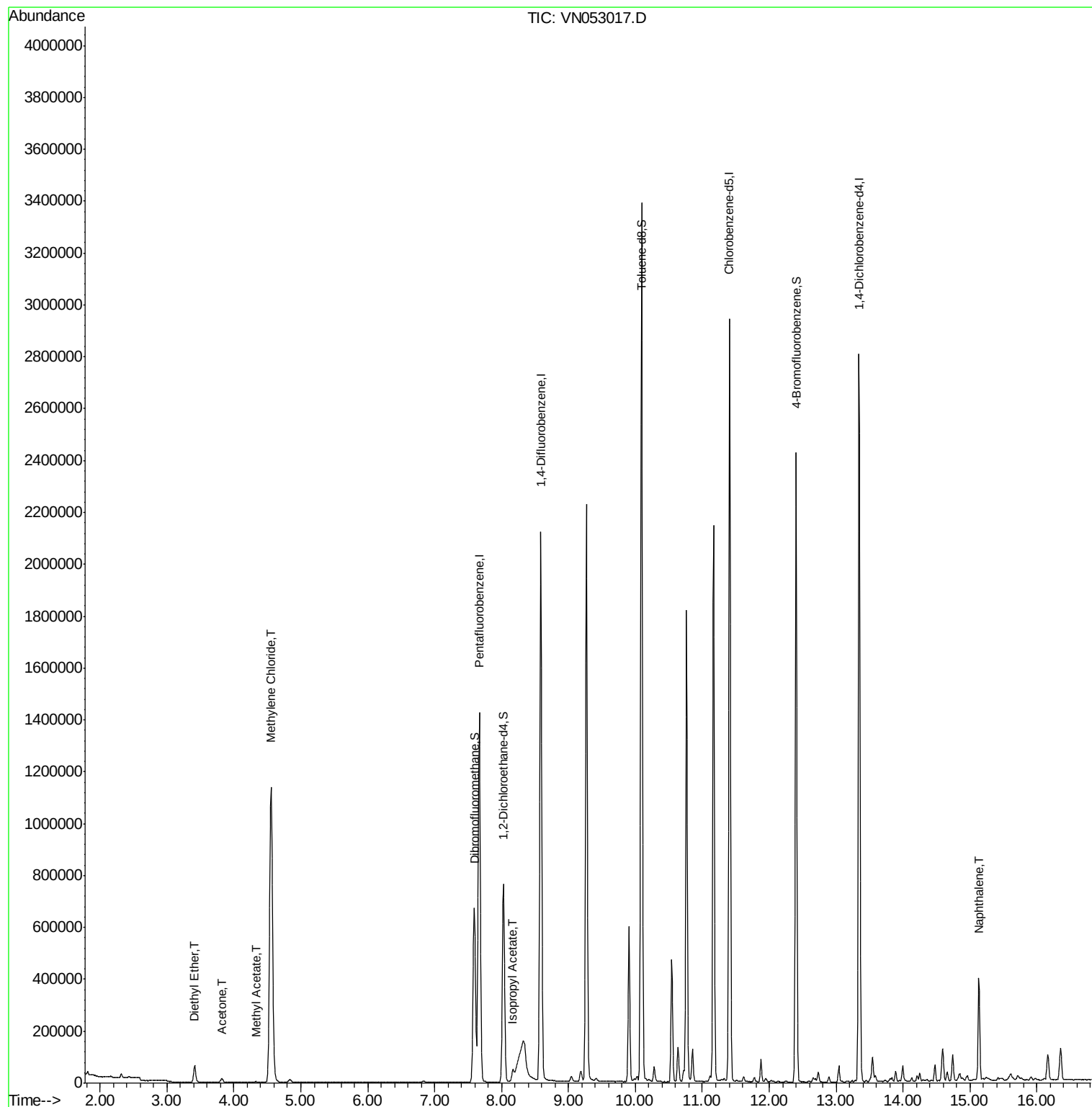
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1272093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1965351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1821996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	793620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	636169	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	523449	58.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.62%	
50) Toluene-d8	10.09	98	2442190	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	842899	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
Target Compounds						
8) Diethyl Ether	3.41	74	34806	4.687	ug/l	100
16) Acetone	3.82	43	23407	9.248	ug/l	99
18) Methyl Acetate	4.33	43	7628	1.643	ug/l	90
20) Methylene Chloride	4.55	84	906455	65.652	ug/l	97
43) Isopropyl Acetate	8.17	43	57855	1.833	ug/l #	80
95) Naphthalene	15.13	128	343630	11.907	ug/l	99

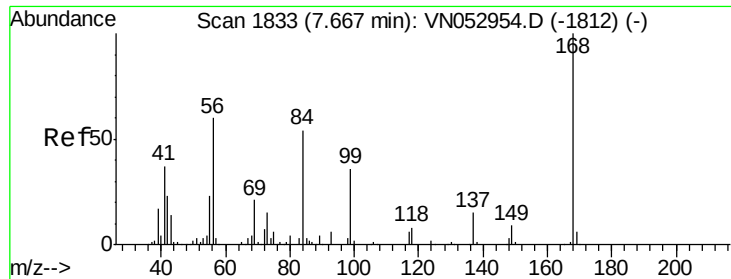
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053017.D
Acq On : 19 Dec 2018 17:56
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MSVOA_N
ClientSampleId :
SLUDGE

Quant Time: Dec 20 06:41:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampled :

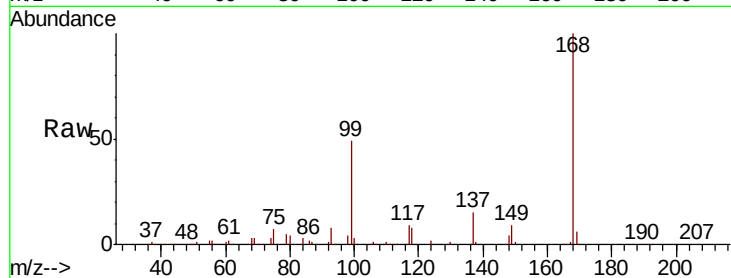
SLUDGE

Tot Ion:168 Resp: 1272093

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053017.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053017.D (-1740) (-)

7.67

600000

500000

400000

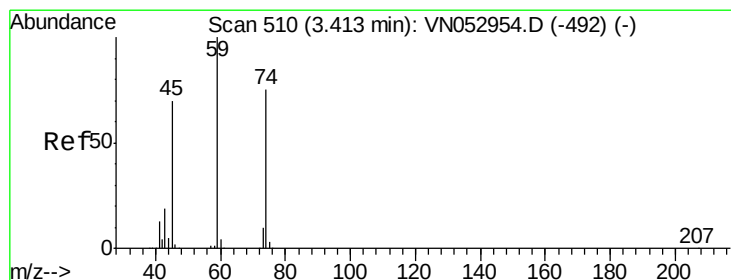
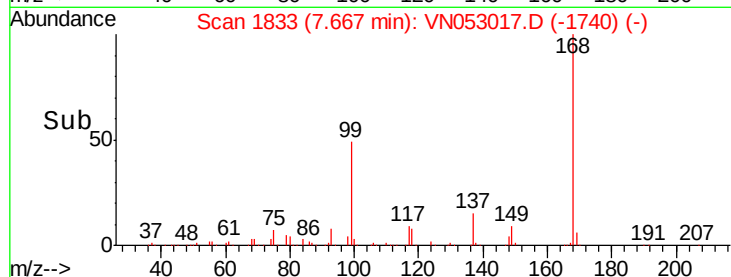
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 4.687 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN053017.D

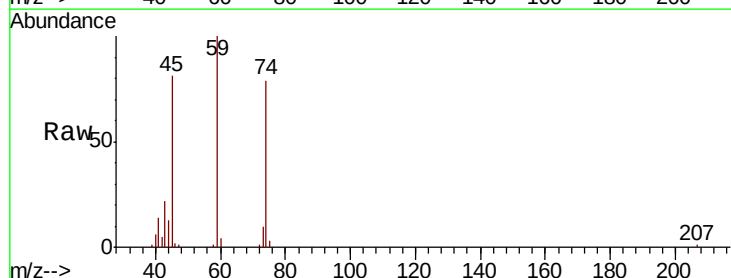
Acq: 19 Dec 2018 17:56

Tgt Ion: 74 Resp: 34806

Ion Ratio Lower Upper

74 100

45 98.5 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN053017.D (-417) (-)

Ion 45.00 (44.70 to 45.70): VN053017.D (-417) (-)

3.41

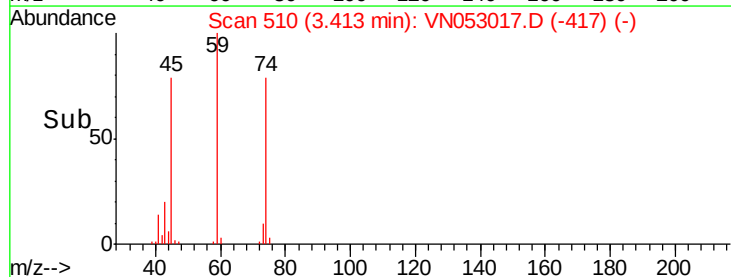
15000

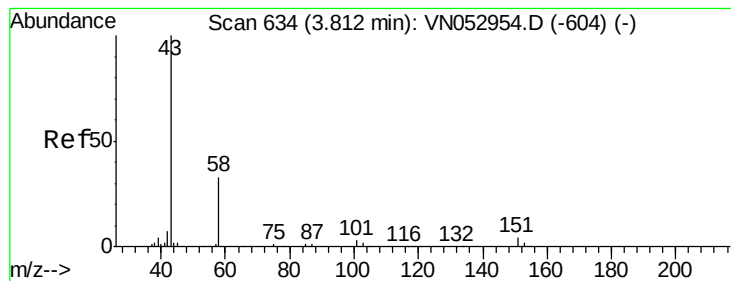
10000

5000

0

Time-->





#16

Acetone

Concen: 9.248 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

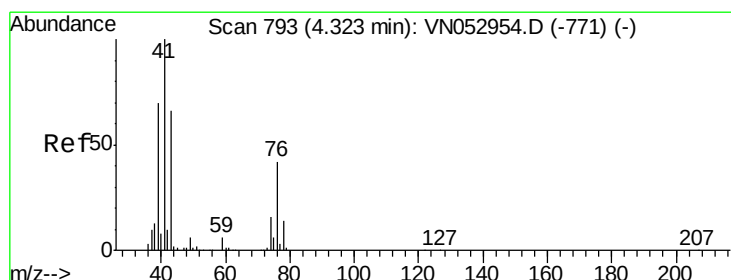
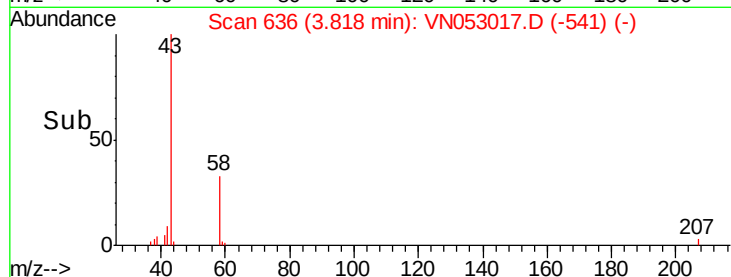
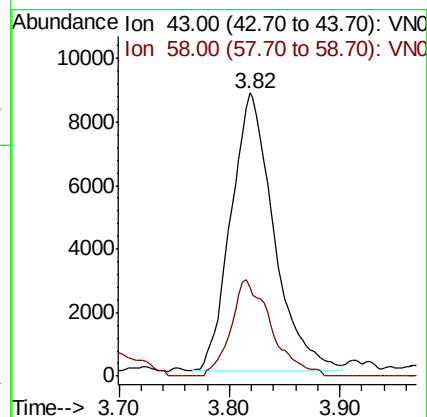
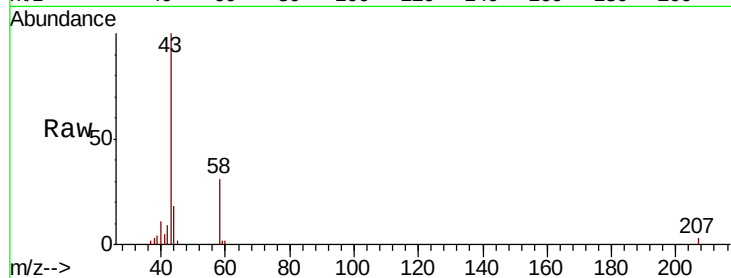
SLUDGE

Tot Ion: 43 Resp: 23407

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.0



#18

Methyl Acetate

Concen: 1.643 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053017.D

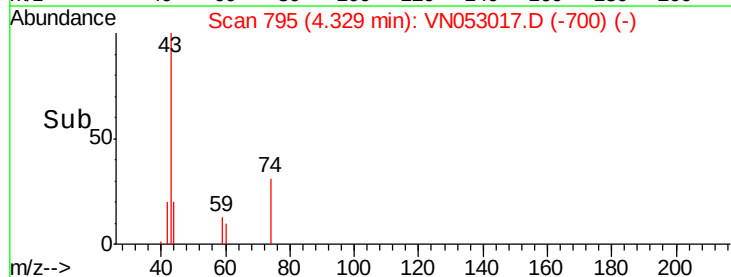
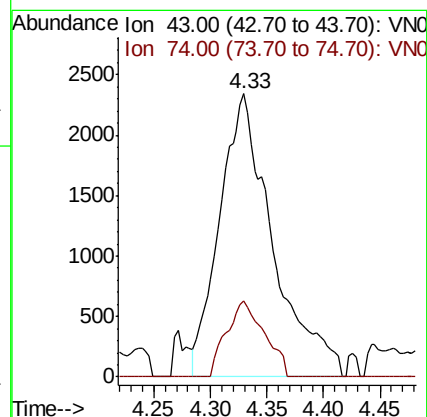
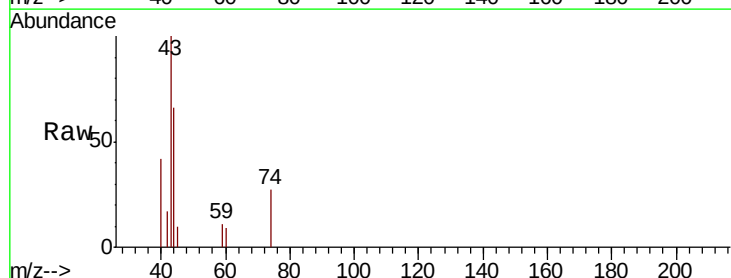
Acq: 19 Dec 2018 17:56

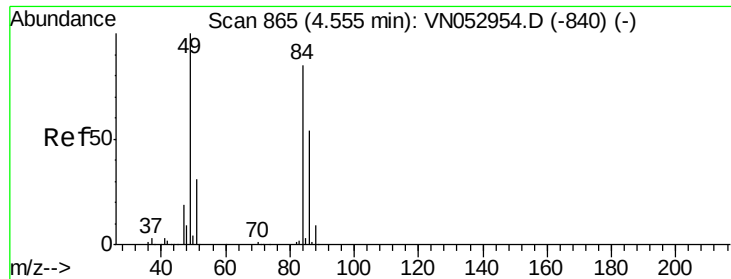
Tgt Ion: 43 Resp: 7628

Ion Ratio Lower Upper

43 100

74 19.2 19.2 28.8

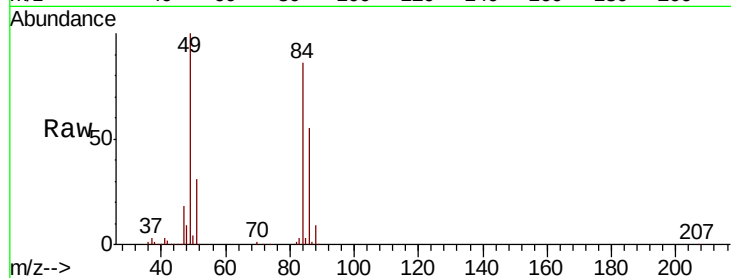




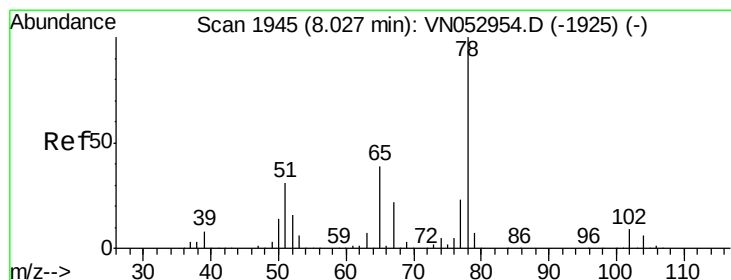
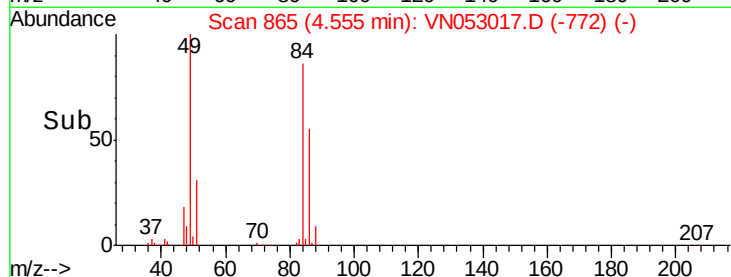
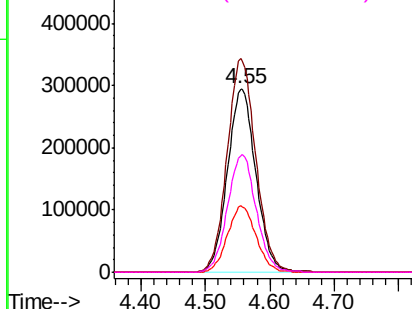
#20
Methylene Chloride
Concen: 65.652 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Instrument :
MSVOA_N
ClientSampled :
SLUDGE

Tot Ion: 84 Resp: 906455
Ion Ratio Lower Upper
84 100
49 116.5 96.8 145.2
51 36.1 29.9 44.9
86 63.7 51.8 77.6

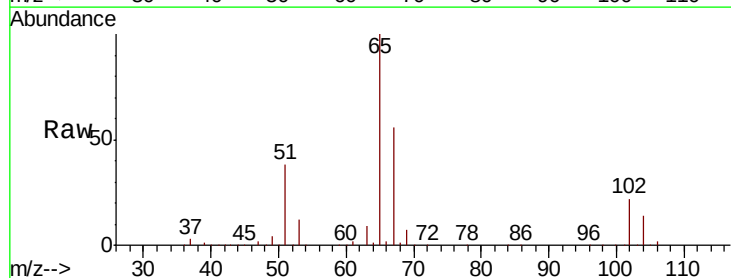


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

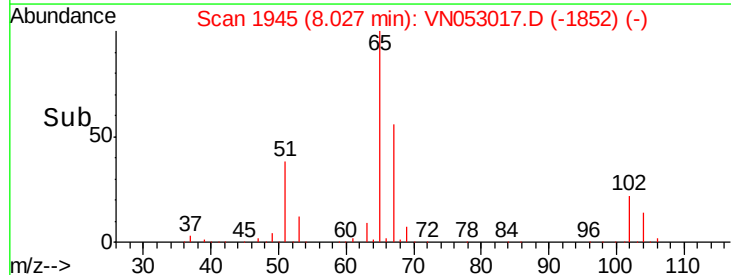
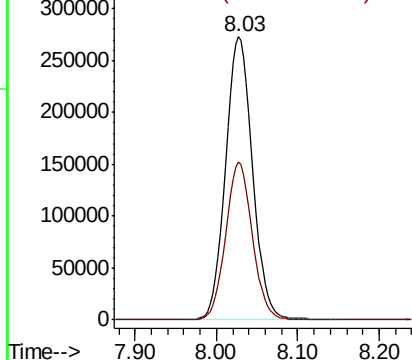


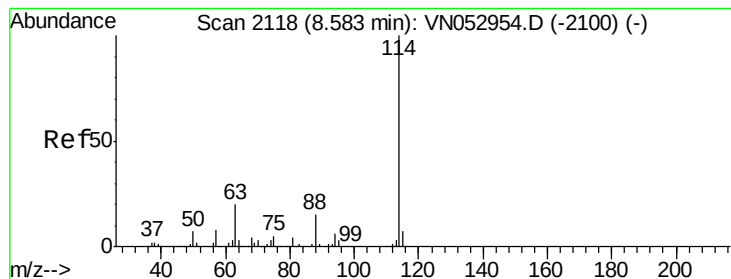
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion: 65 Resp: 636169
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.4



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# 2119

Delta R.T. 0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

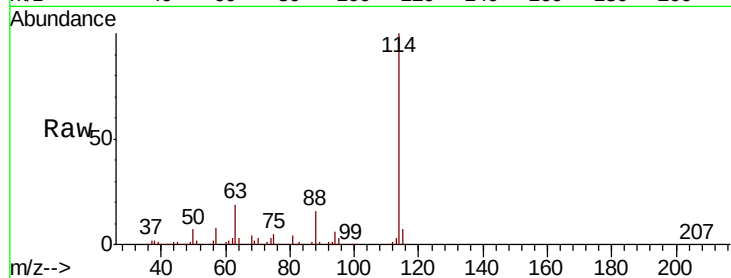
Tot Ion:114 Resp: 1965351

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

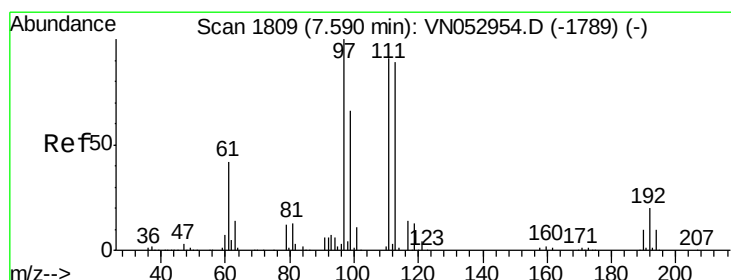
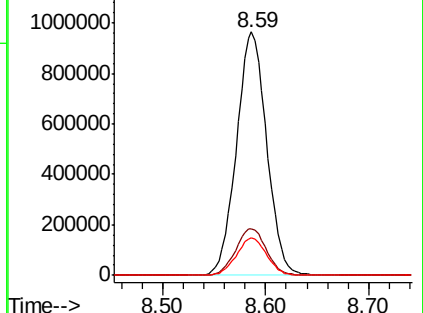
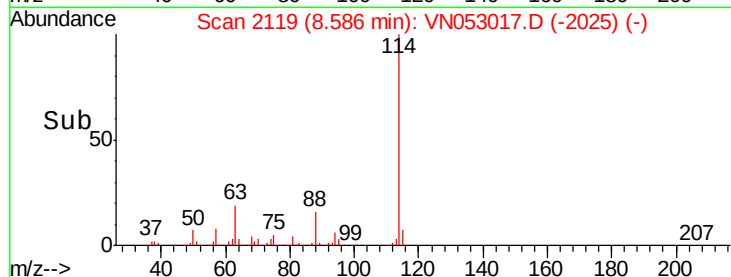
88 15.5 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

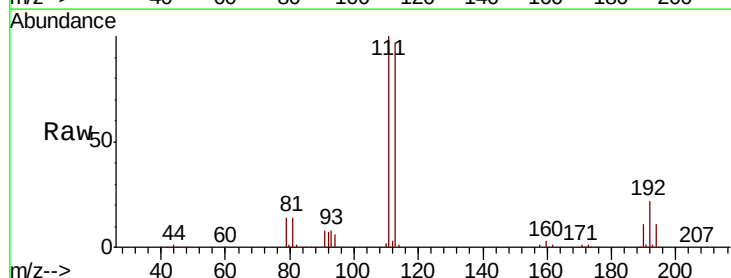
Tgt Ion:113 Resp: 523449

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

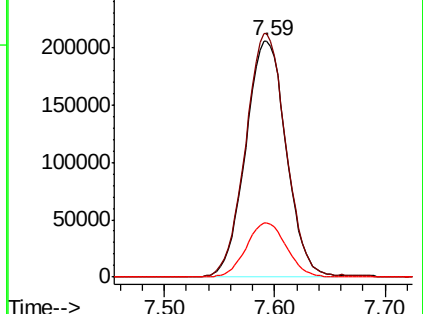
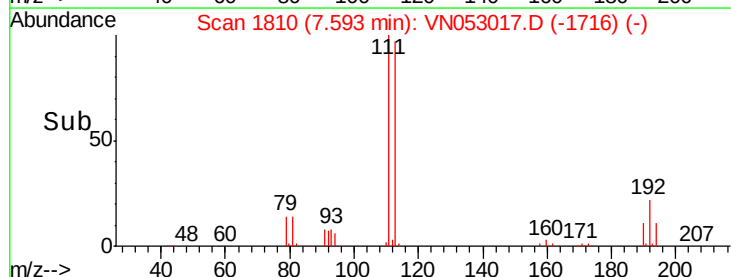
192 22.9 17.5 26.3

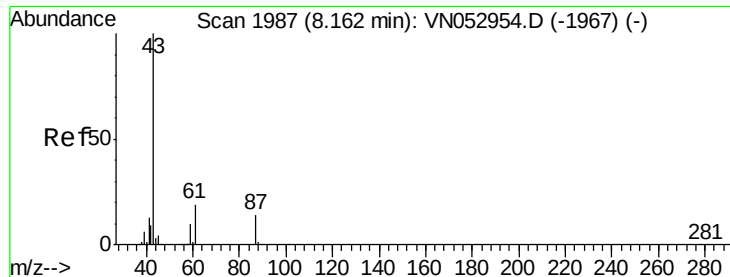


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.833 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

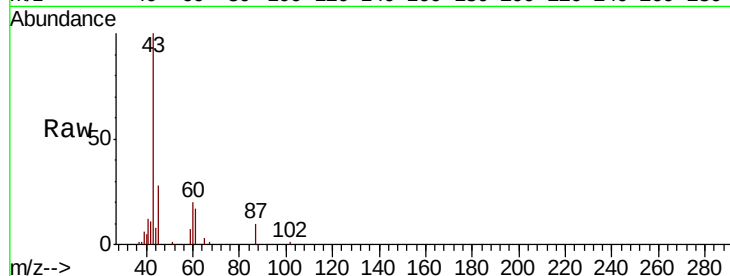
Tot Ion: 43 Resp: 57855

Ion Ratio Lower Upper

43 100

61 15.7 22.9 34.3#

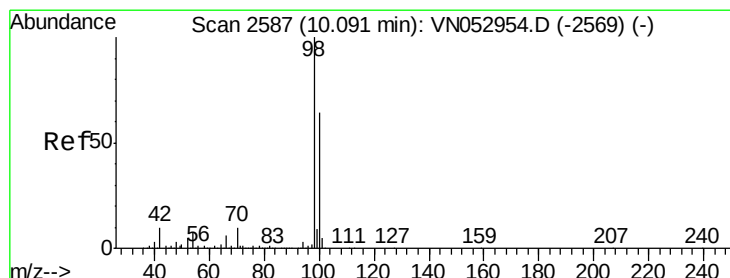
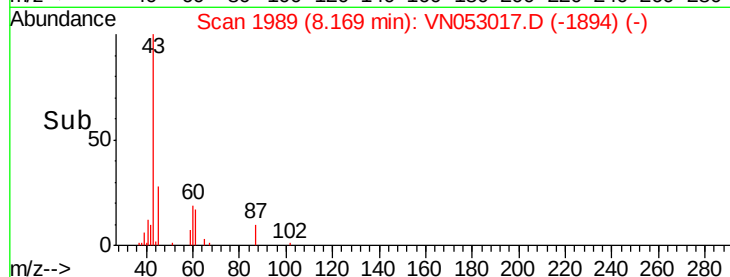
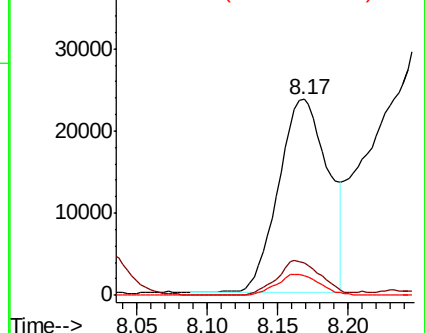
87 9.4 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053017.D

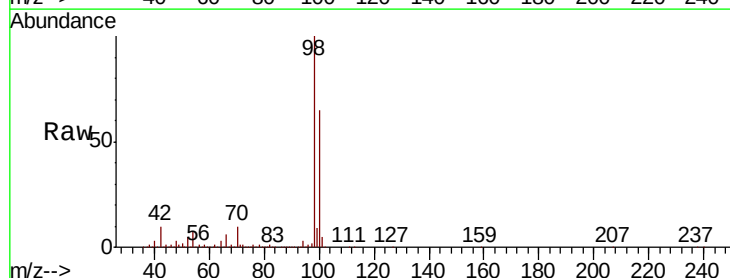
Acq: 19 Dec 2018 17:56

Tgt Ion: 98 Resp: 2442190

Ion Ratio Lower Upper

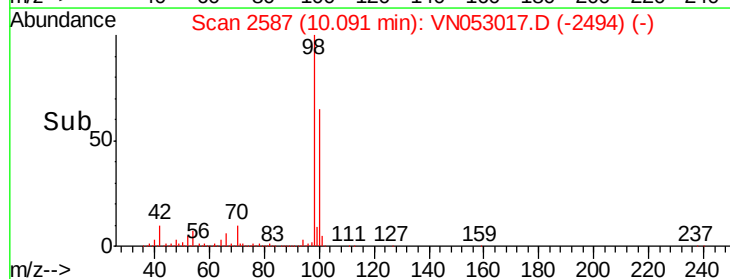
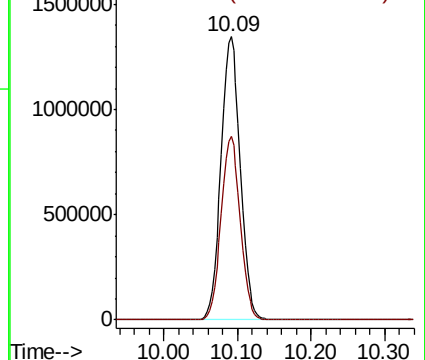
98 100

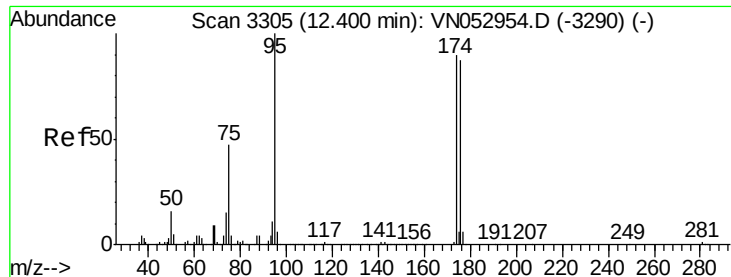
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

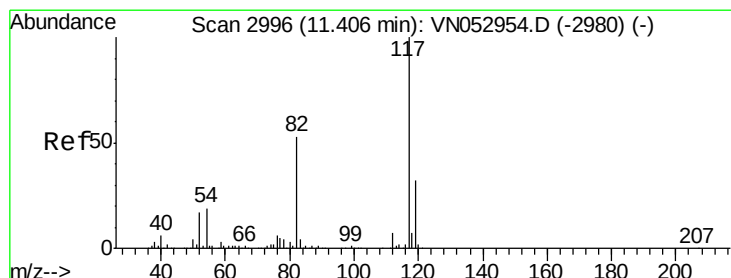
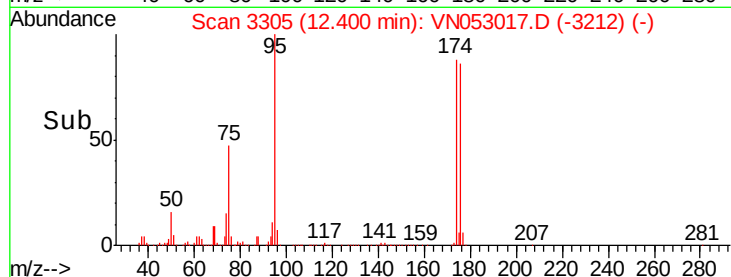
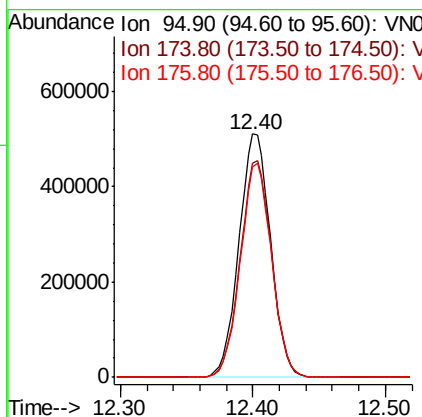
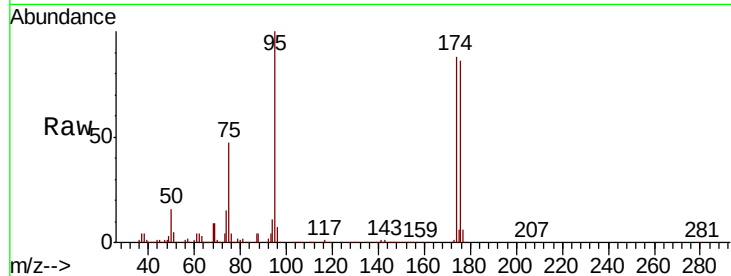




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

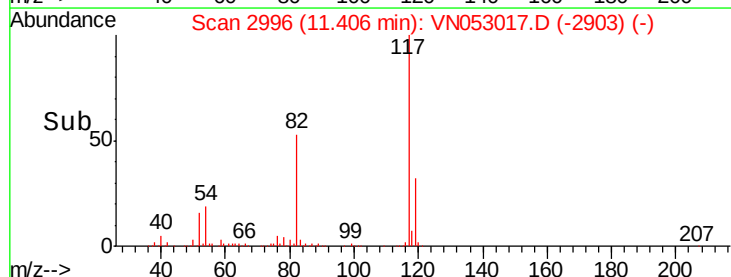
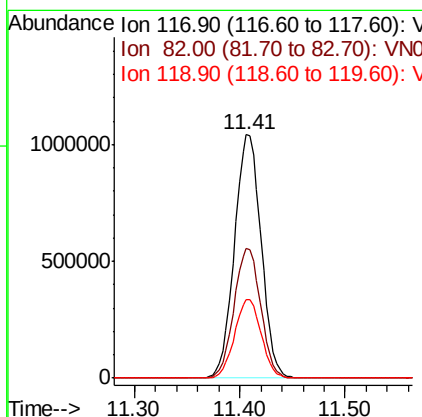
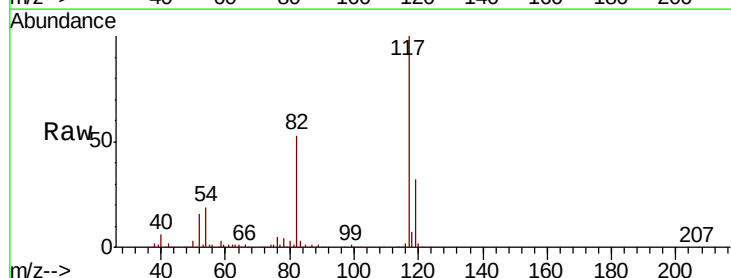
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE

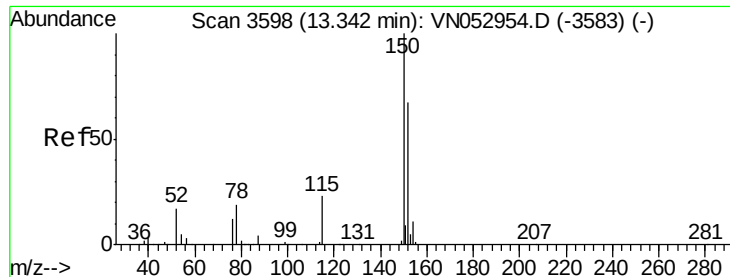
Tot Ion: 95 Resp: 842899
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.8
176 86.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion: 117 Resp: 1821996
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

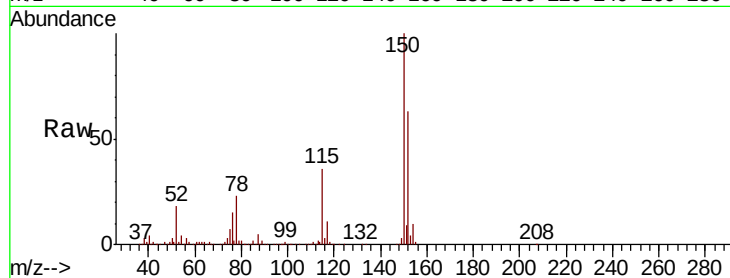
Tot Ion:152 Resp: 793620

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

150 156.4 0.0 347.8

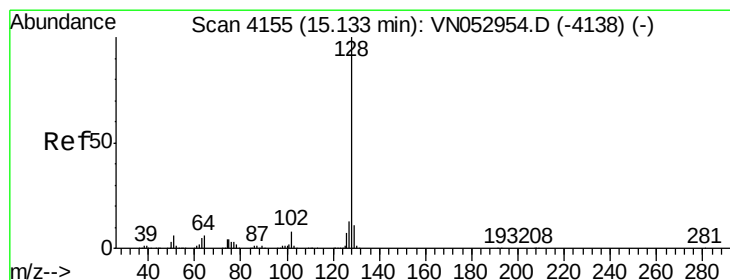
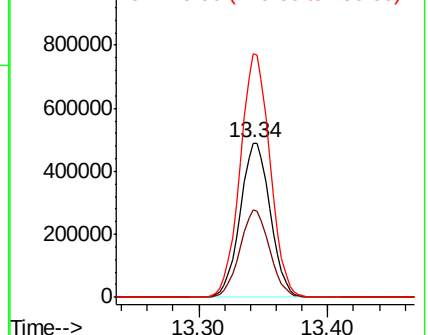
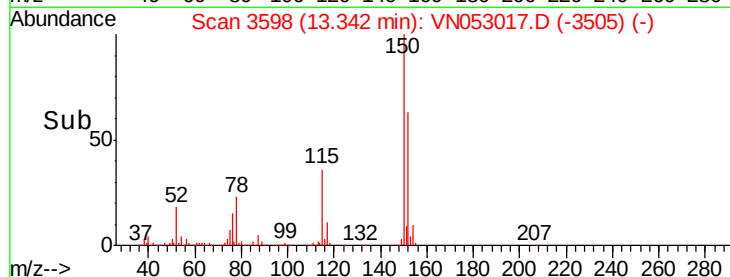


Abundance

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: 11.907 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

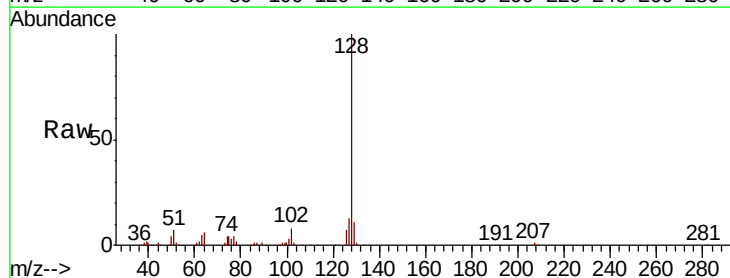
Tgt Ion:128 Resp: 343630

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

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

