

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050284.D
 Acq On : 3 Aug 2018 00:28
 Operator : MD\SY
 Sample : J4285-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-PIT-1

Quant Time: Aug 03 02:23:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	658128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1103577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	313916	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	466342	50.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.58%	
35) Dibromofluoromethane	7.59	113	418785	46.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.96%	
50) Toluene-d8	10.09	98	1488726	44.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.88%	
62) 4-Bromofluorobenzene	12.40	95	390778	35.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.66%	

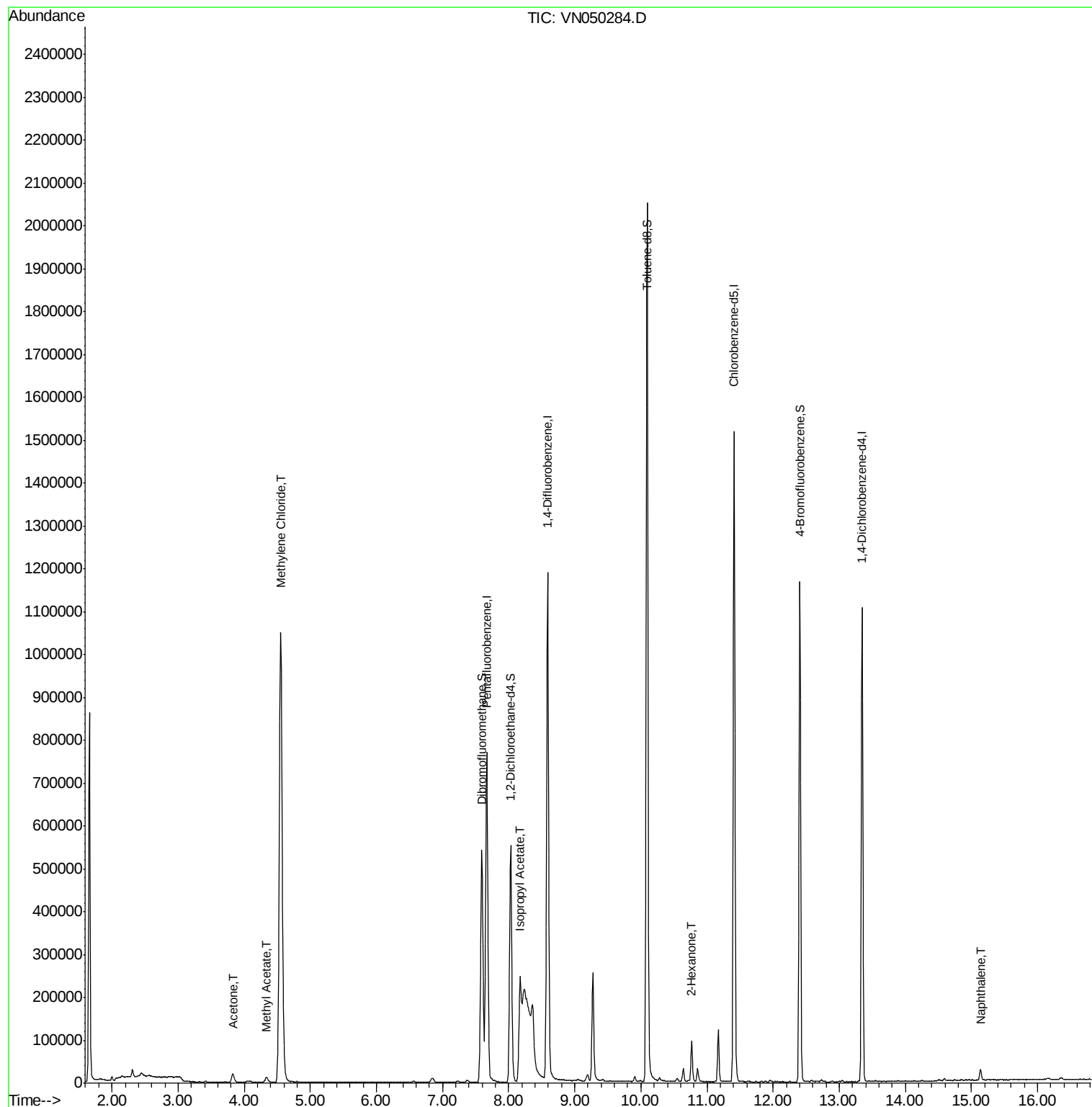
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	33727	11.450	ug/l	97
18) Methyl Acetate	4.33	43	23570	1.212	ug/l	94
20) Methylene Chloride	4.55	84	841373	104.716	ug/l	99
43) Isopropyl Acetate	8.17	43	310003	18.254	ug/l	93
59) 2-Hexanone	10.77	43	16665	7.780	ug/l	62
95) Naphthalene	15.14	128	22287	5.832	ug/l	99

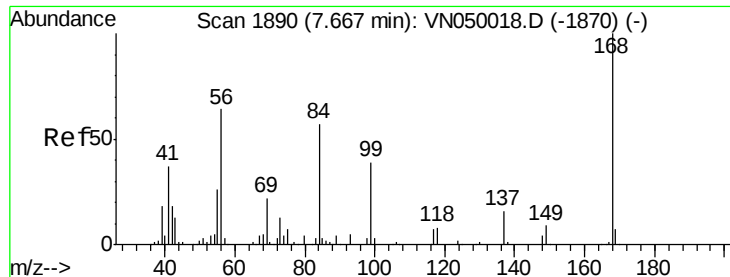
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

Instrument :

MSVOA_N

ClientSampled :

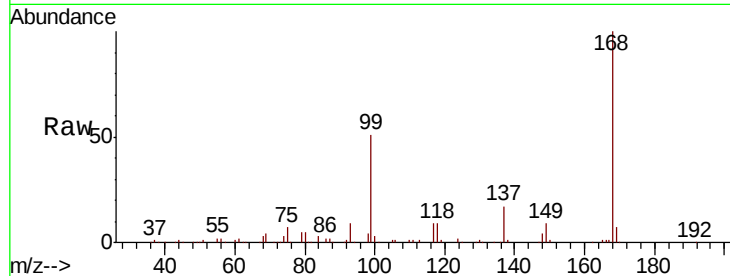
KG-PIT-1

Tot Ion:168 Resp: 658128

Ion Ratio Lower Upper

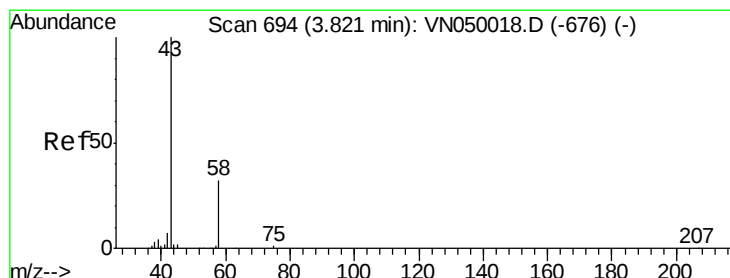
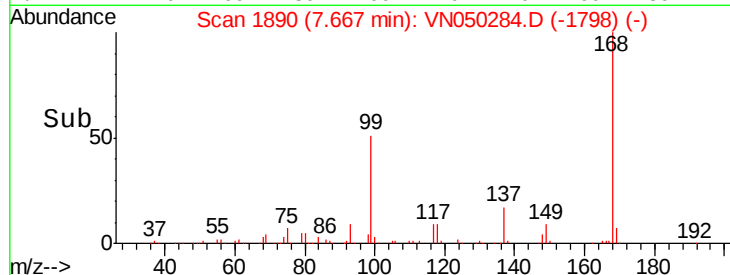
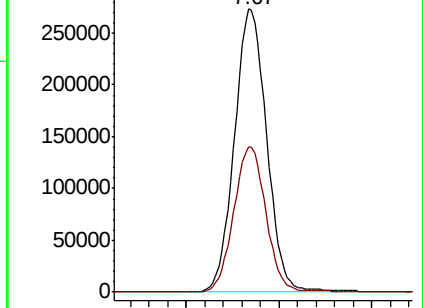
168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)



#16

Acetone

Concen: 11.450 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050284.D

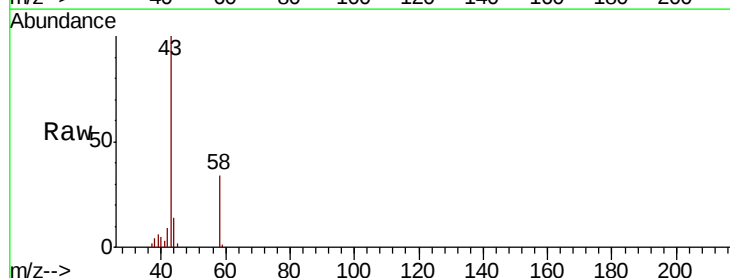
Acq: 3 Aug 2018 00:28

Tgt Ion: 43 Resp: 33727

Ion Ratio Lower Upper

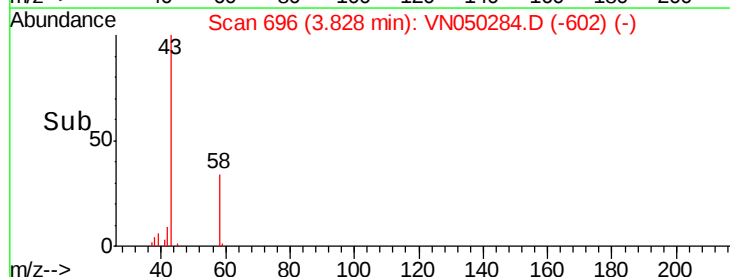
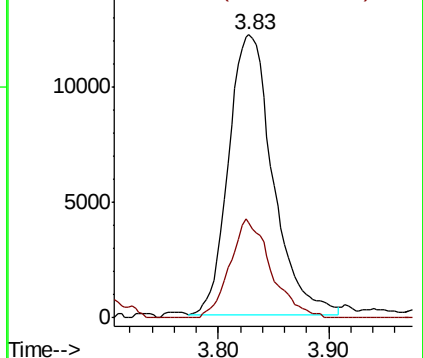
43 100

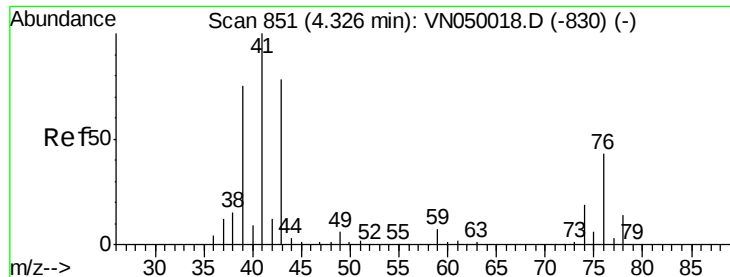
58 34.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

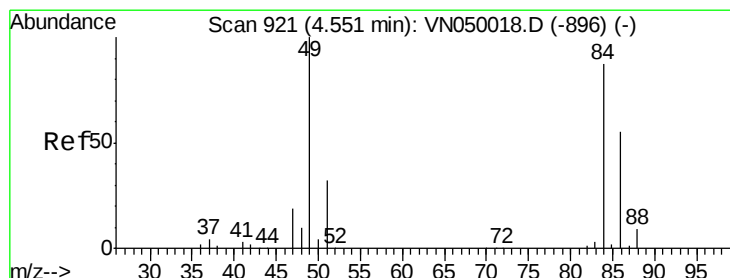
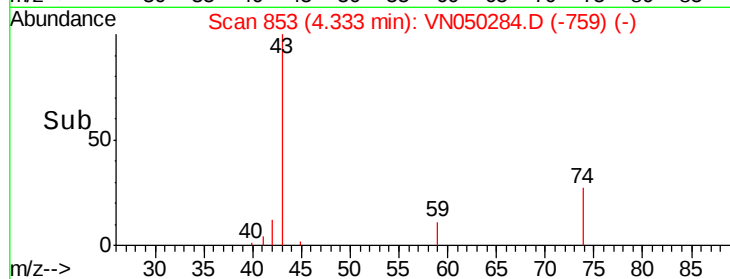
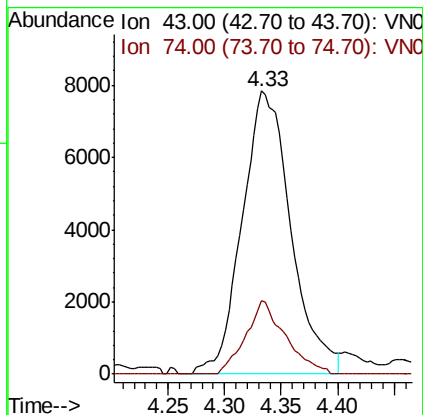
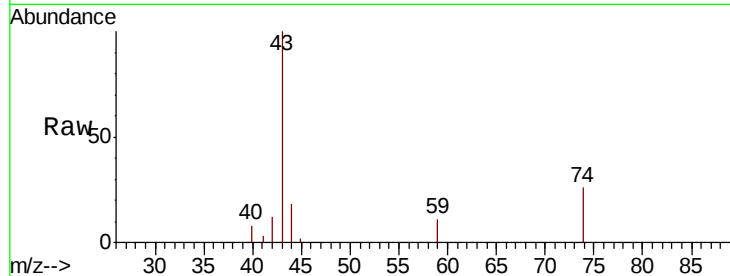




#18
Methvl Acetate
Concen: 1.212 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050284.D
Acq: 3 Aug 2018 00:28

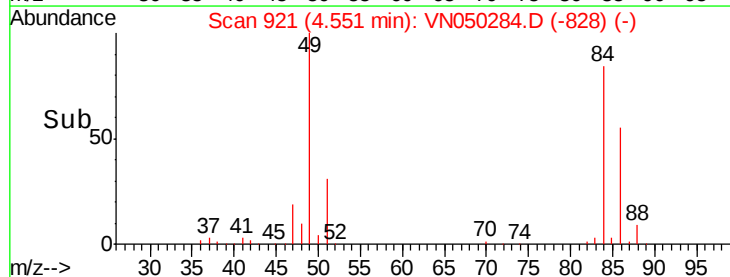
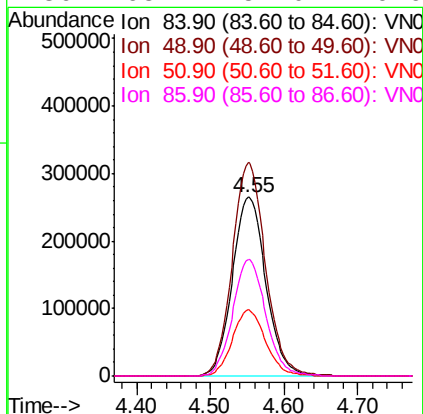
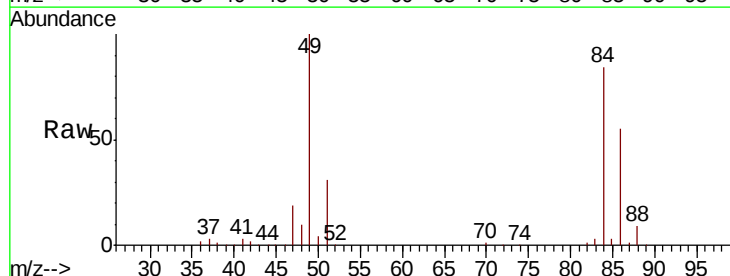
Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-1

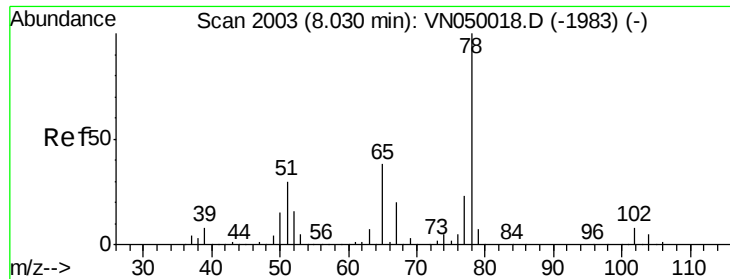
Tot Ion: 43 Resp: 23570
Ion Ratio Lower Upper
43 100
74 21.1 19.2 28.8



#20
Methylene Chloride
Concen: 104.716 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050284.D
Acq: 3 Aug 2018 00:28

Tgt Ion: 84 Resp: 841373
Ion Ratio Lower Upper
84 100
49 119.4 94.8 142.2
51 37.2 28.3 42.5
86 65.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 50.786 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

Instrument :

MSVOA_N

ClientSampled :

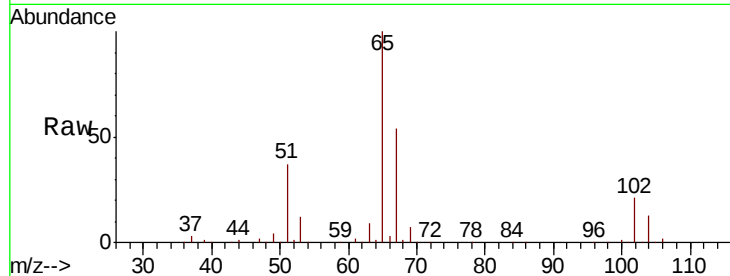
KG-PIT-1

Tot Ion: 65 Resp: 466342

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

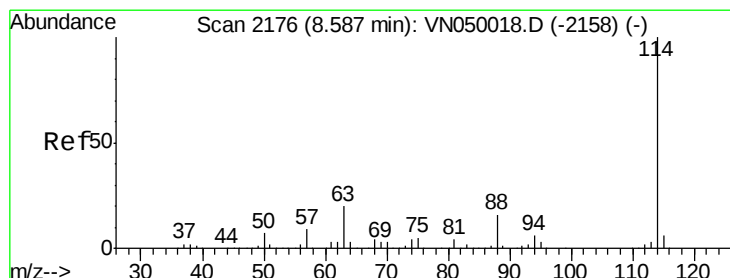
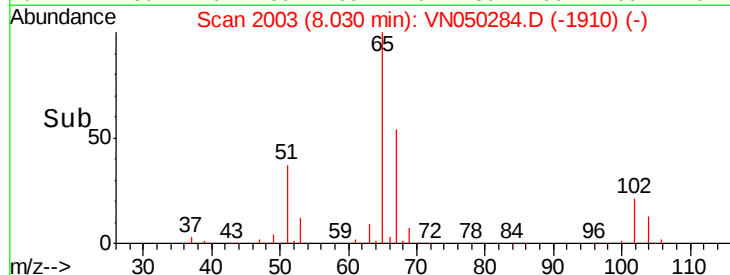
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

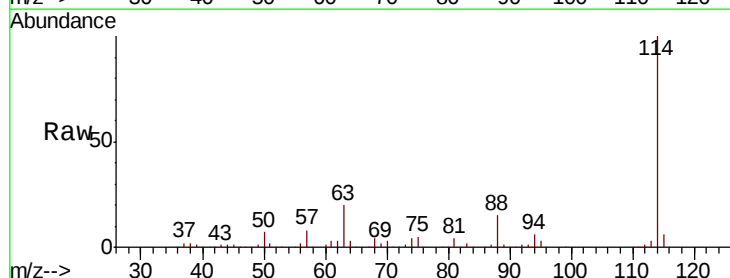
Tgt Ion: 114 Resp: 1103577

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

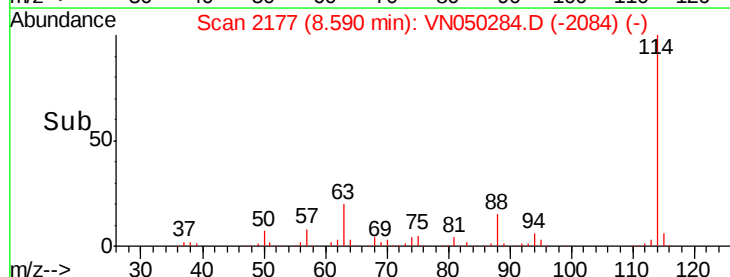
600000

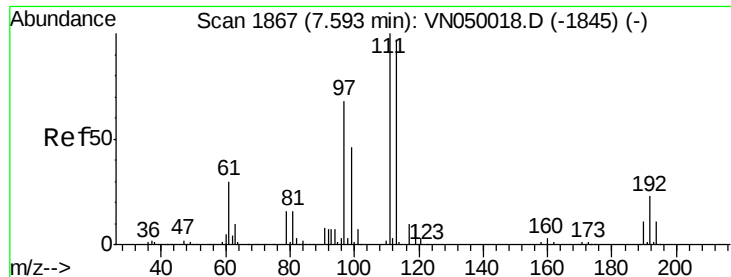
400000

200000

0

Time-->

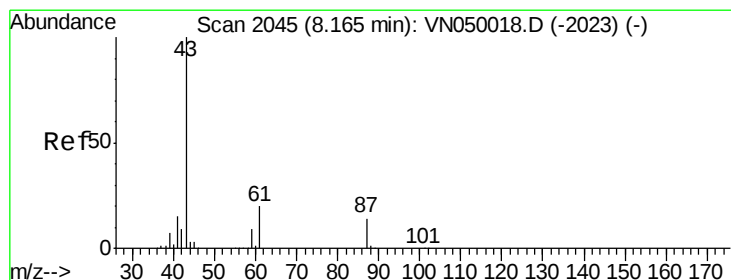
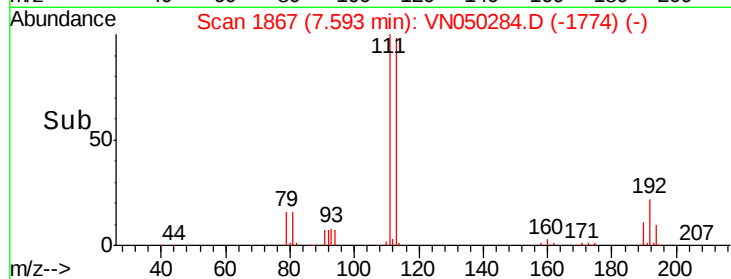
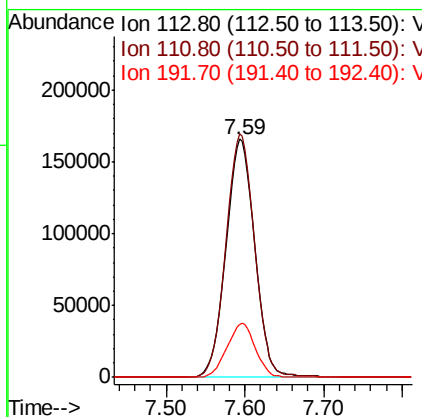
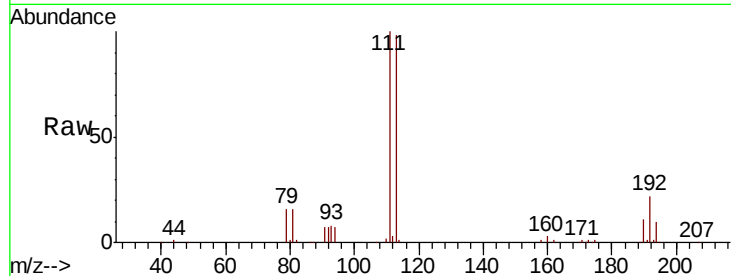




#35
 Dibromofluoromethane
 Concen: 46.478 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050284.D
 Acq: 3 Aug 2018 00:28

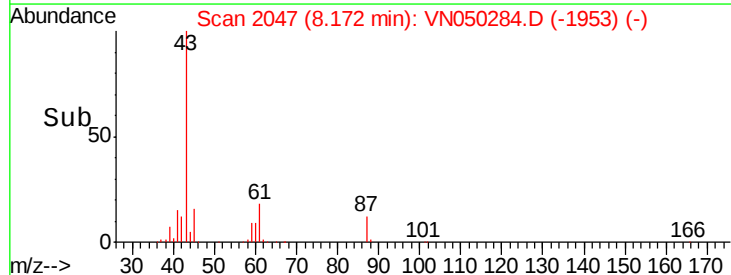
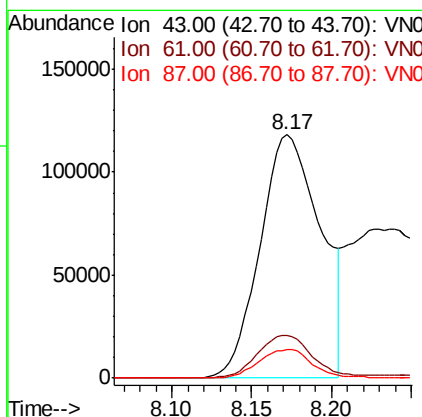
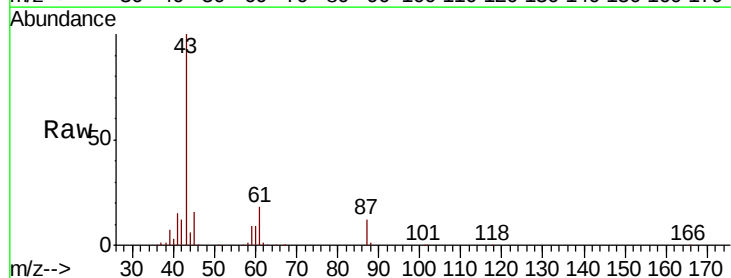
Instrument :
 MSVOA_N
 ClientSampled :
 KG-PIT-1

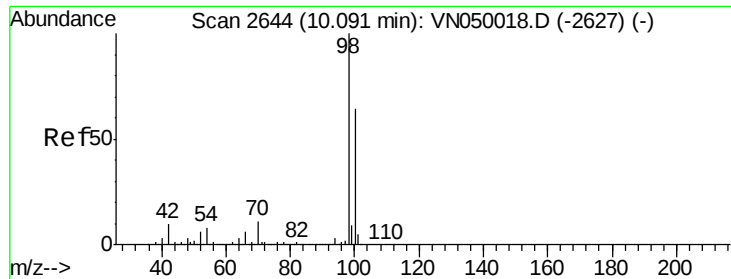
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	22.4	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 18.254 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050284.D
 Acq: 3 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.8	23.6
87	10.4	10.3	15.5

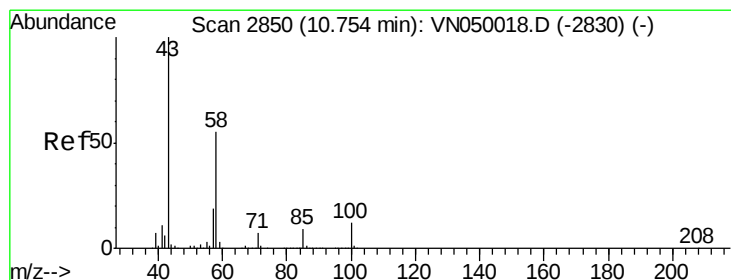
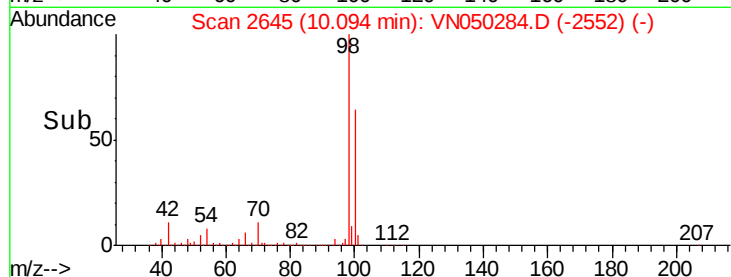
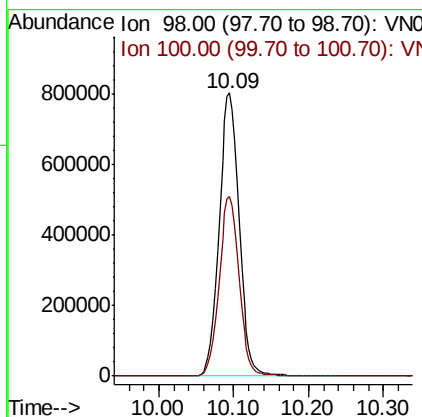
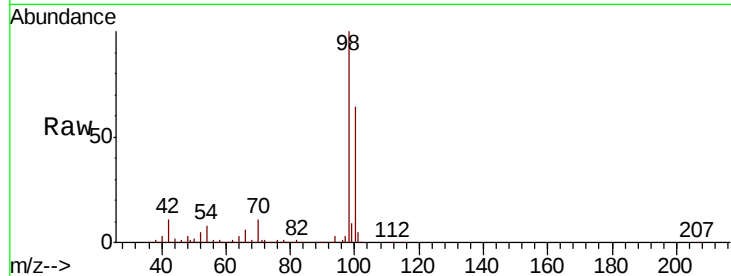




#50
Toluene-d8
Concen: 44.941 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050284.D
Acq: 3 Aug 2018 00:28

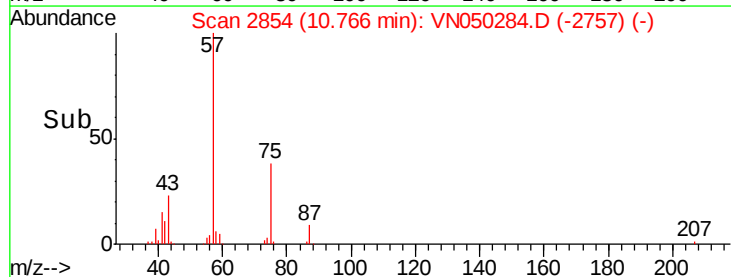
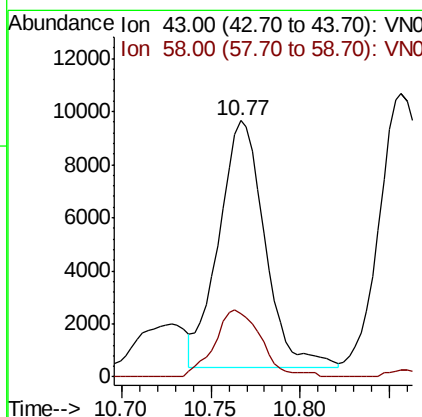
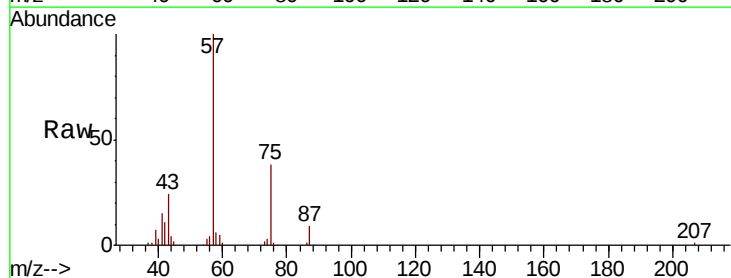
Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-1

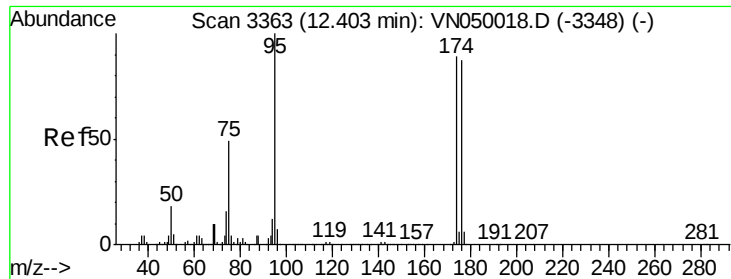
Tot Ion: 98 Resp: 1488726
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#59
2-Hexanone
Concen: 7.780 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050284.D
Acq: 3 Aug 2018 00:28

Tgt Ion: 43 Resp: 16665
Ion Ratio Lower Upper
43 100
58 27.6 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 35.826 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

Instrument :

MSVOA_N

ClientSampleId :

KG-PIT-1

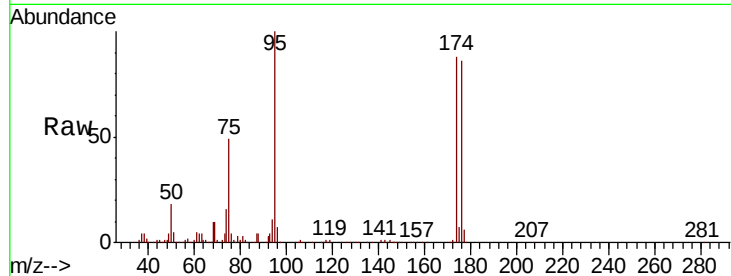
Tot Ion: 95 Resp: 390778

Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

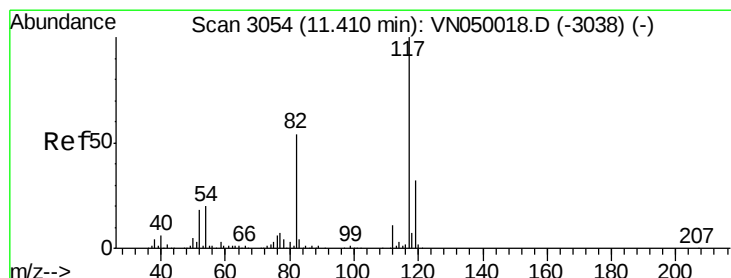
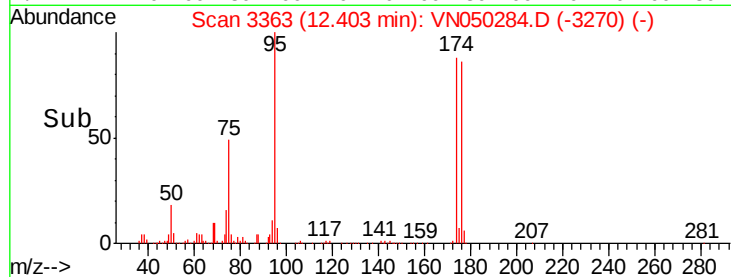
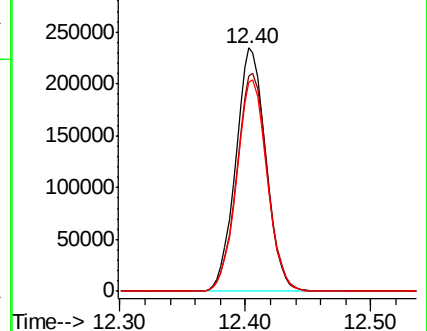
176 87.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

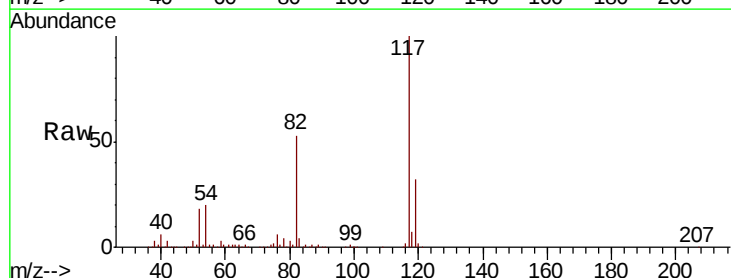
Tgt Ion: 117 Resp: 914928

Ion Ratio Lower Upper

117 100

82 53.2 43.7 65.5

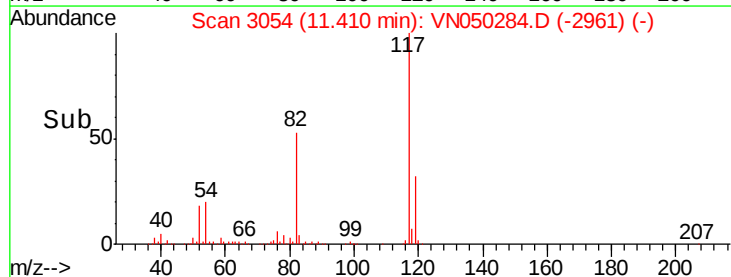
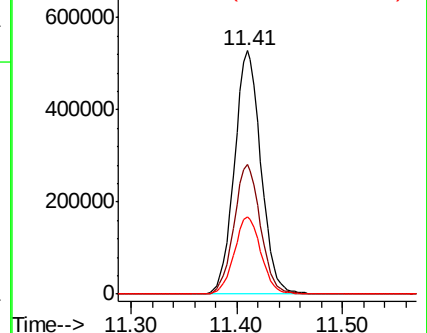
119 31.9 26.1 39.1

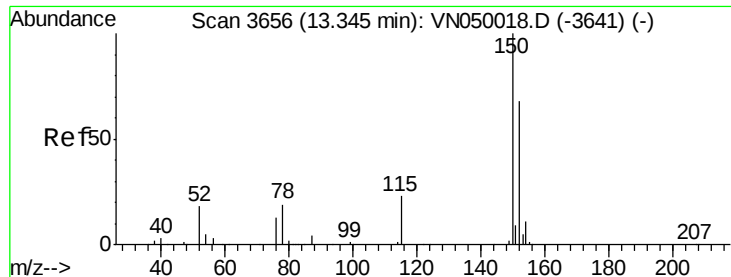


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

Instrument :

MSVOA_N

ClientSampled :

KG-PIT-1

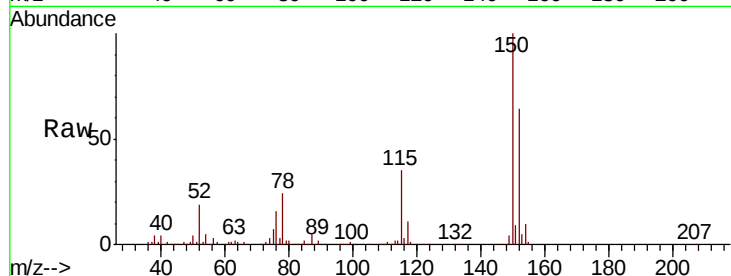
Tot Ion:152 Resp: 313916

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

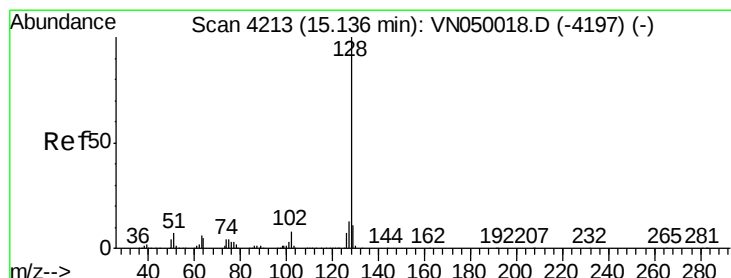
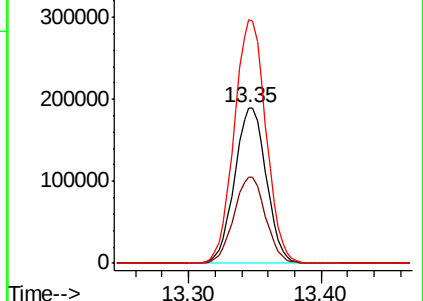
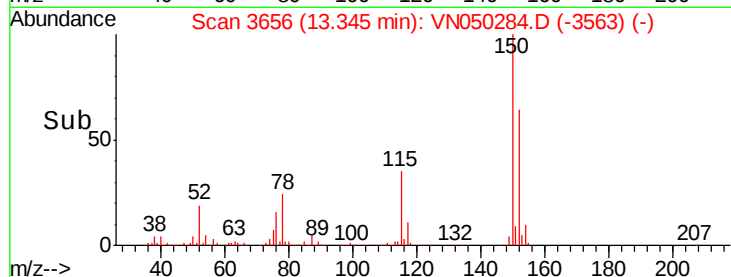
150 157.4 0.0 348.6



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: 5.832 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050284.D

Acq: 3 Aug 2018 00:28

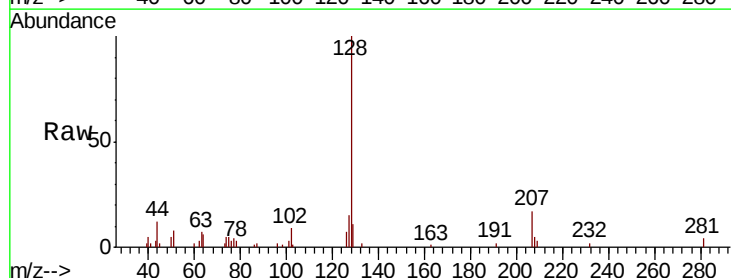
Tgt Ion:128 Resp: 22287

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.1 8.8 13.2



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

