

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U082819\
 Data File : VU034012.D
 Acq On : 28 Aug 2019 08:14
 Operator : JC/SP
 Sample : K4536-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-1-30-32

Quant Time: Aug 28 09:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

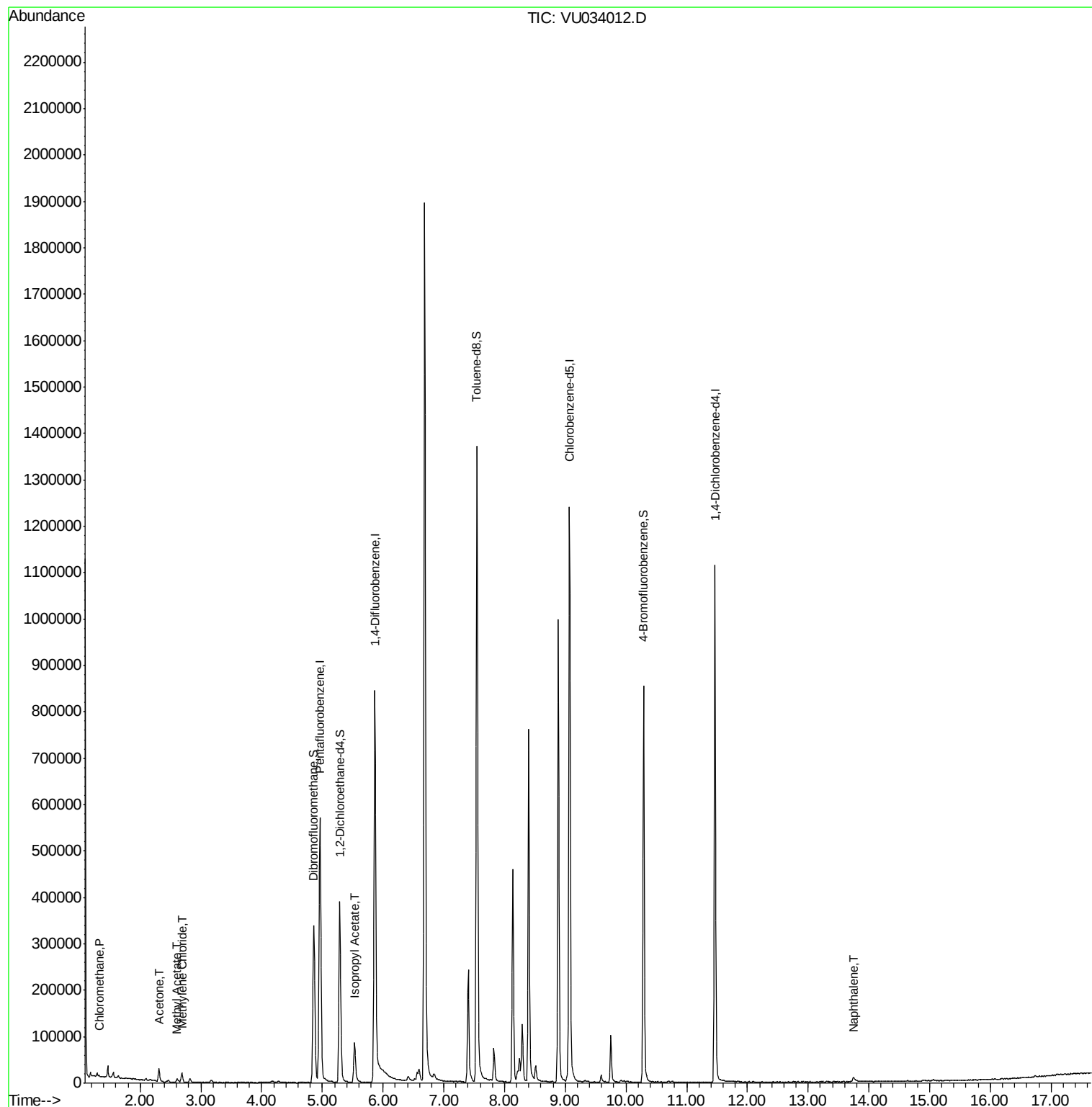
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	440853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	727460	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	698732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	299949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	308433	62.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.96%	
35) Dibromofluoromethane	4.86	113	240616	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	7.55	98	941357	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	10.29	95	291824	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	2719	1.468	ug/l #	76
16) Acetone	2.31	43	30637	13.069	ug/l	99
18) Methyl Acetate	2.61	43	11793	2.042	ug/l	91
20) Methylene Chloride	2.69	84	8126	1.634	ug/l	89
43) Isopropyl Acetate	5.53	43	102530	10.006	ug/l #	94
95) Naphthalene	13.75	128	17191	2.973	ug/l #	86

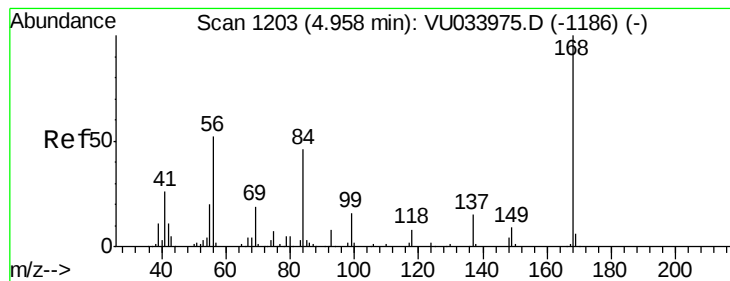
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

Instrument :

MSVOA_U

ClientSampleId :

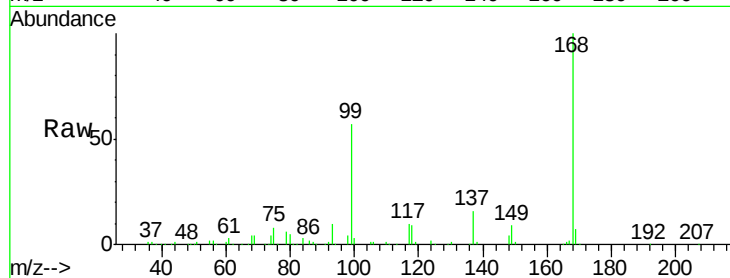
SB-1-30-32

Tot Ion:168 Resp: 440853

Ion Ratio Lower Upper

168 100

99 56.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

200000

150000

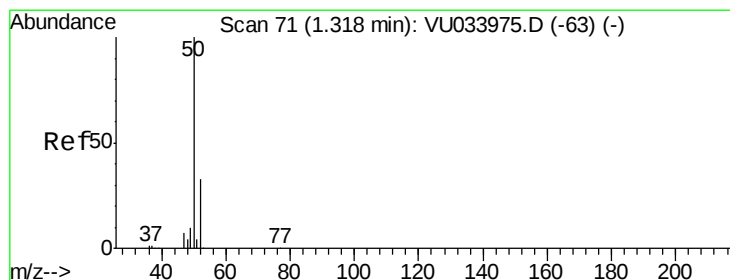
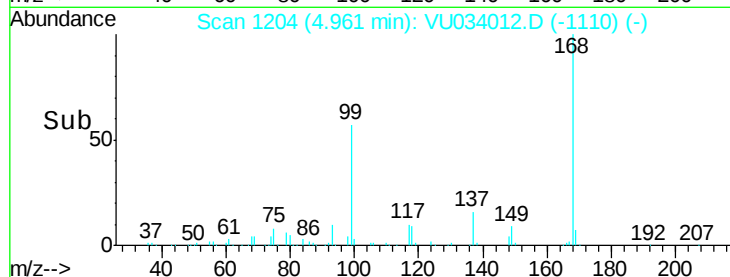
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 1.468 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.01 min

Lab File: VU034012.D

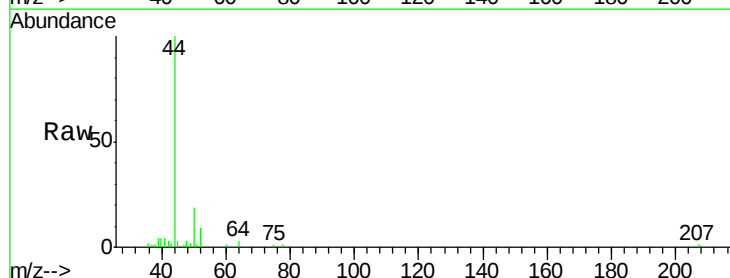
Acq: 28 Aug 2019 08:14

Tgt Ion: 50 Resp: 2719

Ion Ratio Lower Upper

50 100

52 46.3 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VU033975.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU033975.D (-63) (-)

1.32

2000

1500

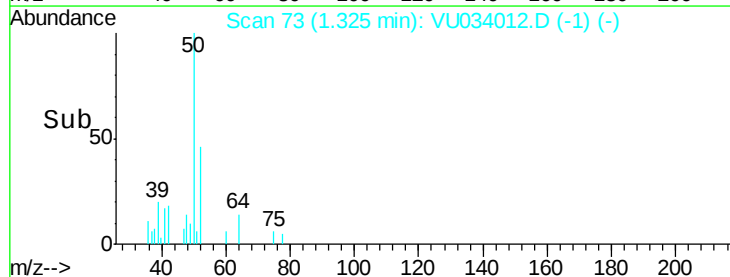
1000

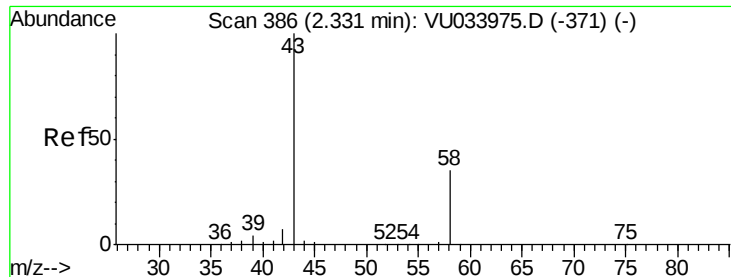
500

0

1.30 1.35

Time-->





#16

Acetone

Concen: 13.069 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

Instrument :

MSVOA_U

ClientSampleId :

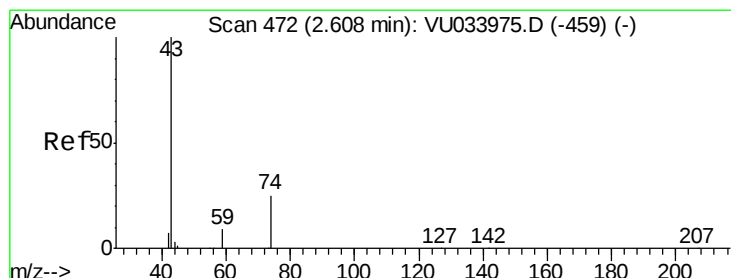
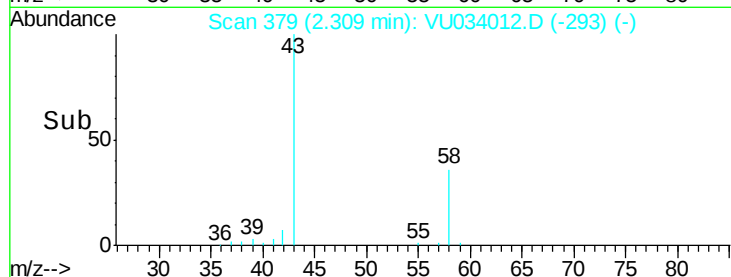
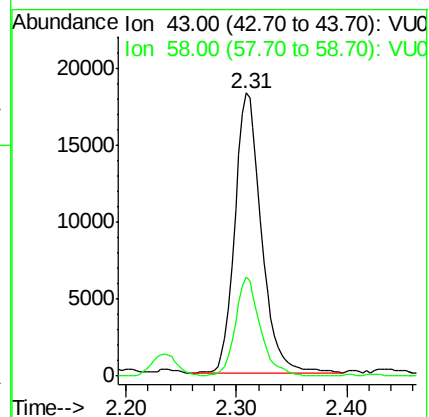
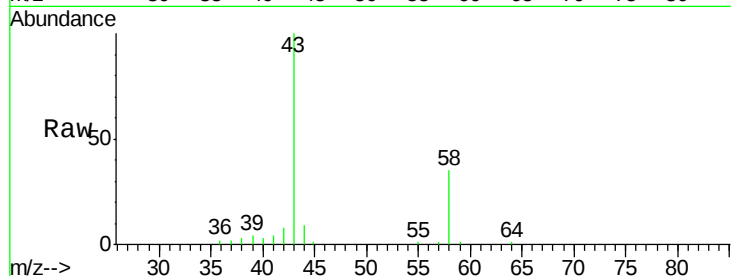
SB-1-30-32

Tot Ion: 43 Resp: 30637

Ion Ratio Lower Upper

43 100

58 35.5 28.0 42.0



#18

Methyl Acetate

Concen: 2.042 ug/l

RT: 2.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU034012.D

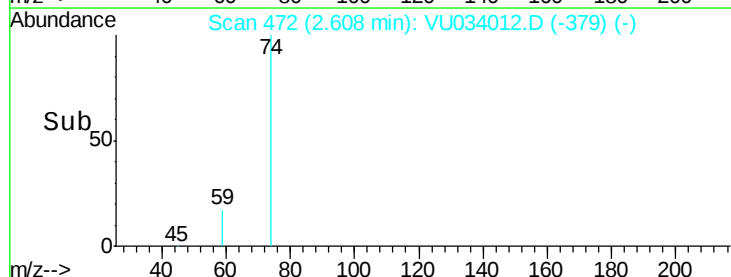
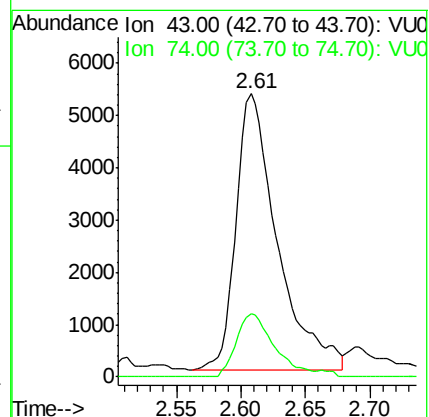
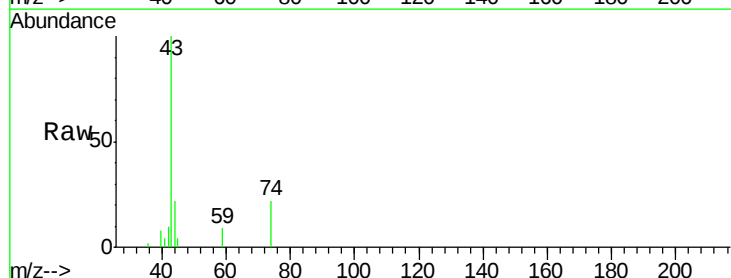
Acq: 28 Aug 2019 08:14

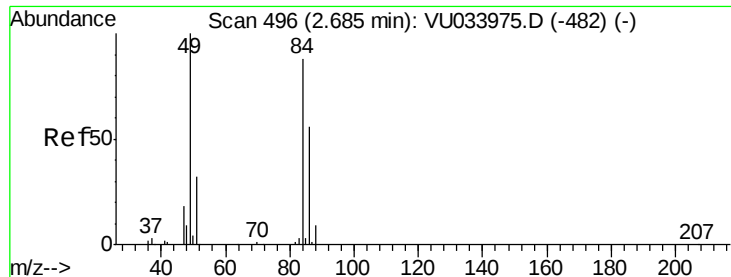
Tgt Ion: 43 Resp: 11793

Ion Ratio Lower Upper

43 100

74 20.9 20.5 30.7





#20

Methylene Chloride

Concen: 1.634 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

Instrument :

MSVOA_U

ClientSampleId :

SB-1-30-32

Tot Ion: 84 Resp: 8126

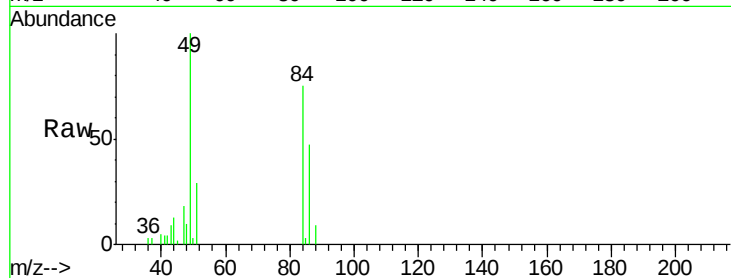
Ion Ratio Lower Upper

84 100

49 133.3 91.3 136.9

51 38.3 28.9 43.3

86 62.6 50.9 76.3

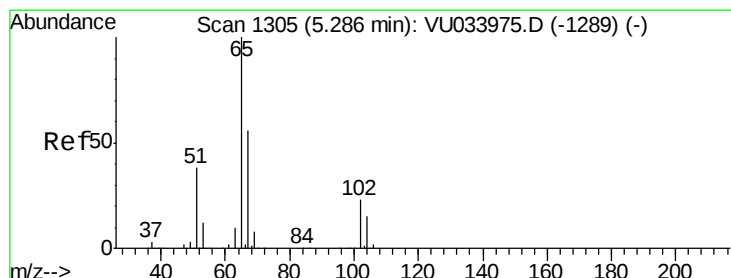
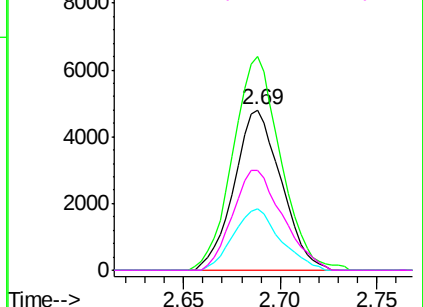
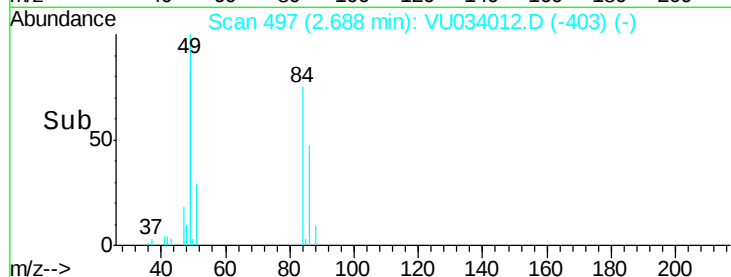


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 62.975 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034012.D

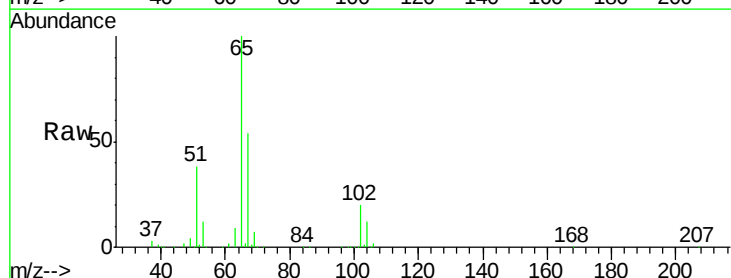
Acq: 28 Aug 2019 08:14

Tgt Ion: 65 Resp: 308433

Ion Ratio Lower Upper

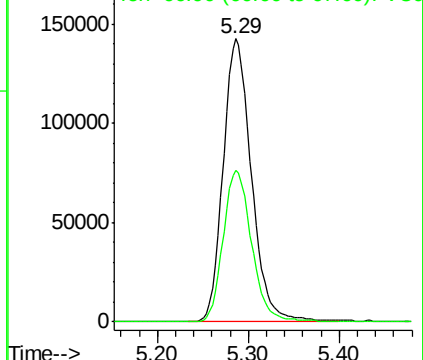
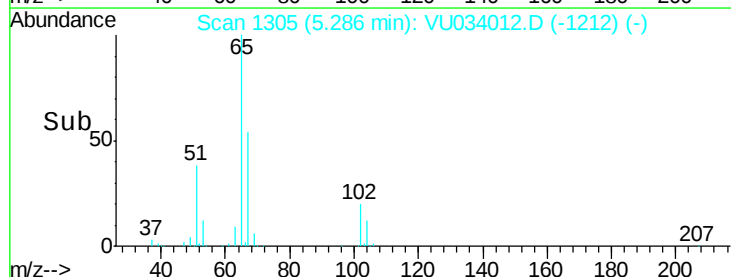
65 100

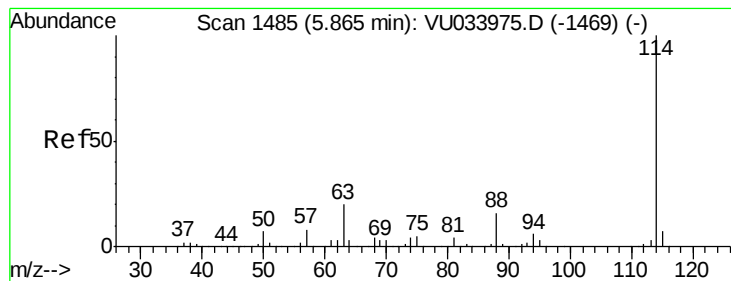
67 54.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

Instrument :

MSVOA_U

ClientSampleId :

SB-1-30-32

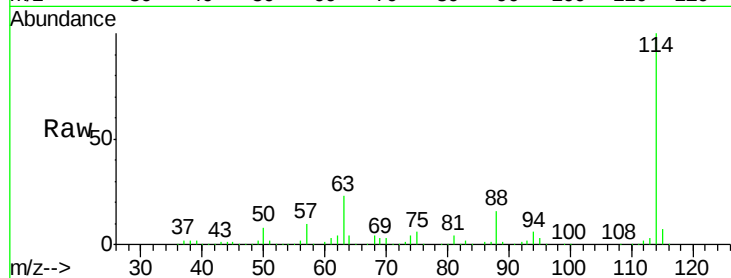
Tot Ion:114 Resp: 727460

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.0

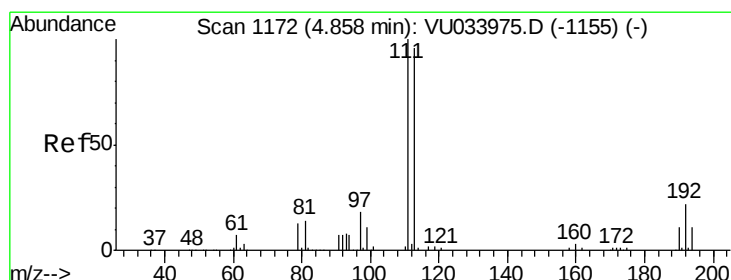
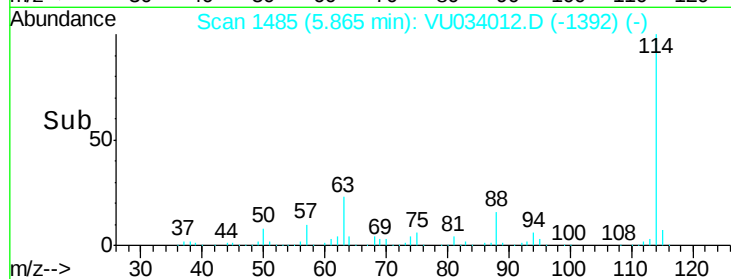
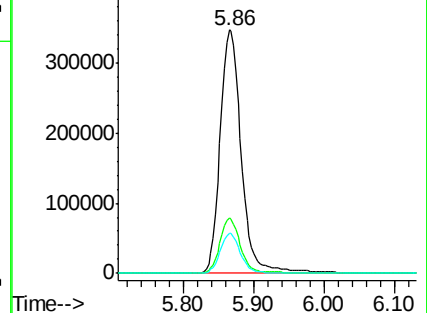
88 16.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 49.206 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

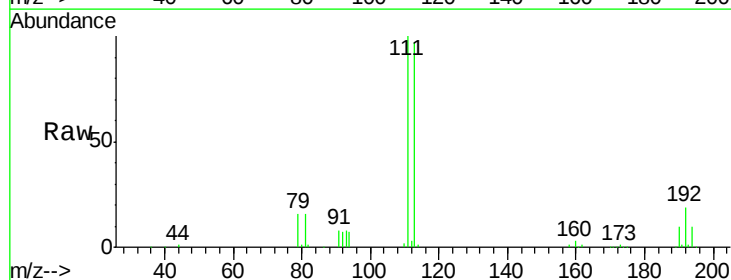
Tgt Ion:113 Resp: 240616

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

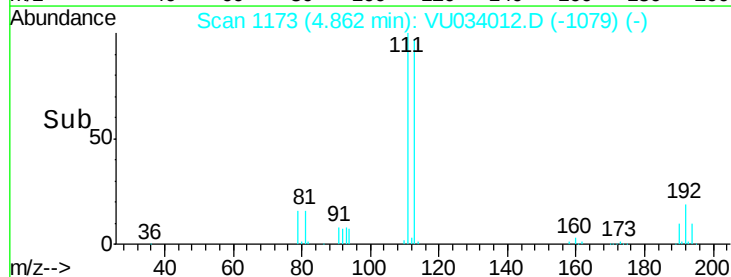
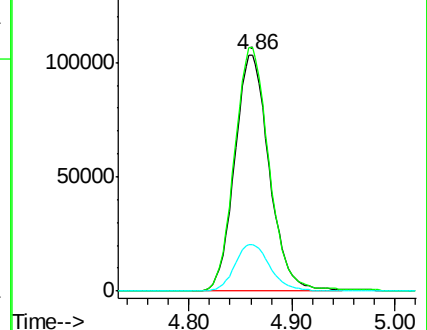
192 20.3 18.6 27.8

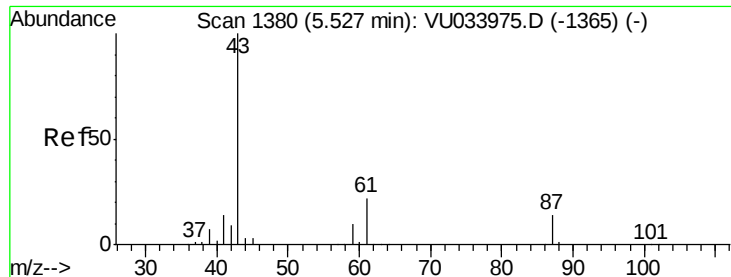


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.006 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

Instrument :

MSVOA_U

ClientSampleId :

SB-1-30-32

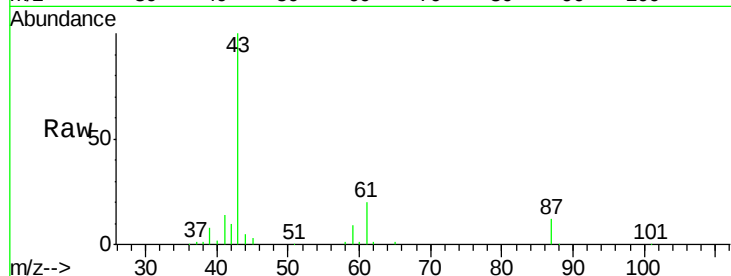
Tot Ion: 43 Resp: 102530

Ion Ratio Lower Upper

43 100

61 19.5 17.8 26.8

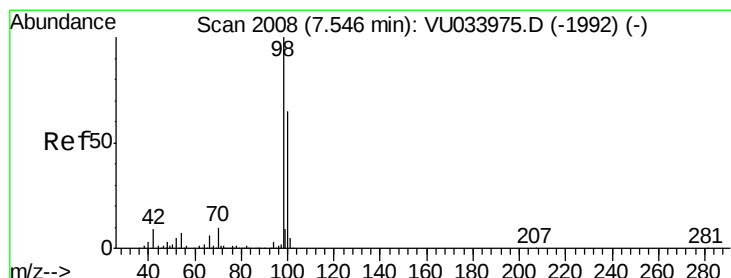
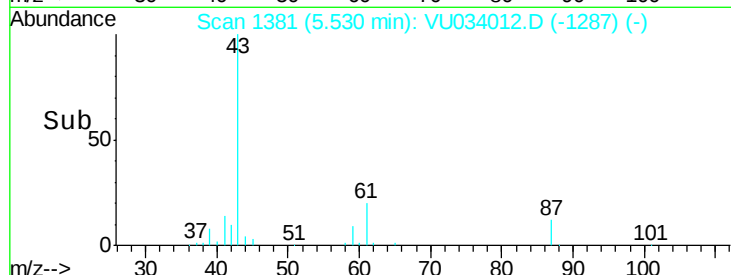
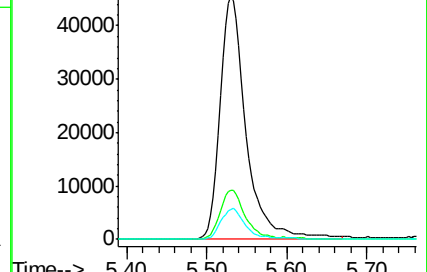
87 11.8 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-1365) (-)



#50

Toluene-d8

Concen: 52.192 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034012.D

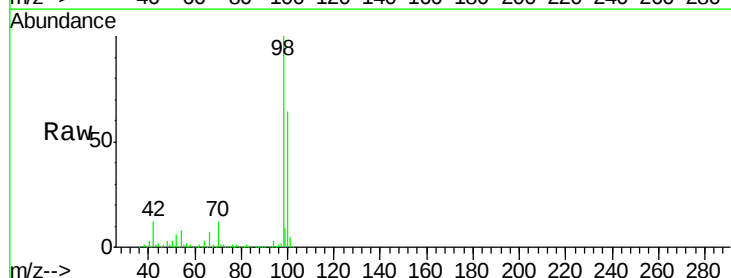
Acq: 28 Aug 2019 08:14

Tgt Ion: 98 Resp: 941357

Ion Ratio Lower Upper

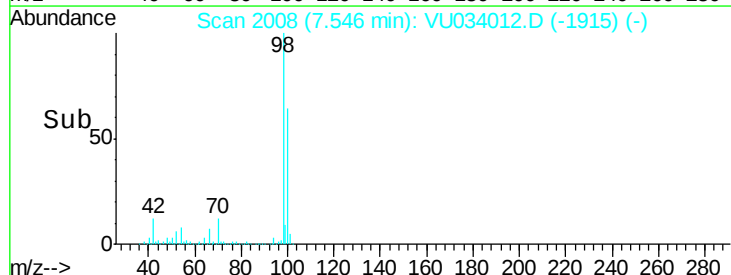
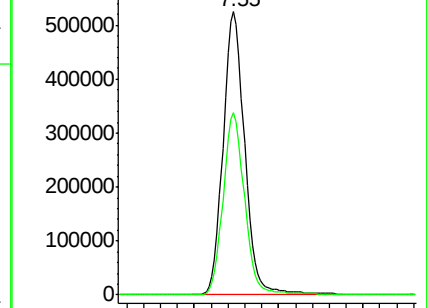
98 100

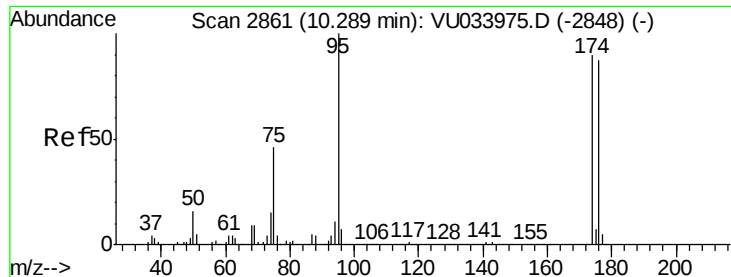
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU033975.D (-1992) (-)

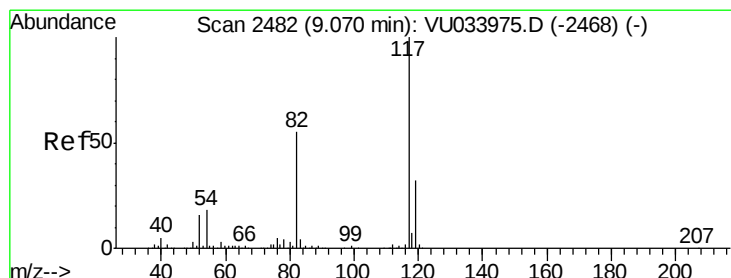
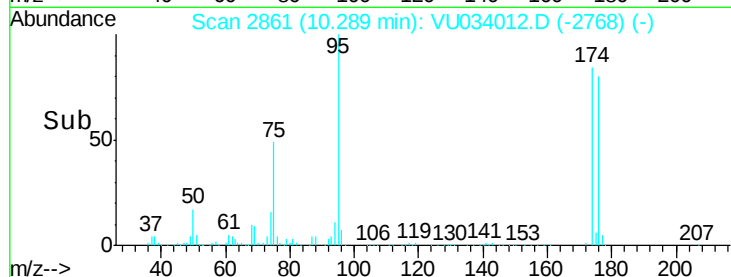
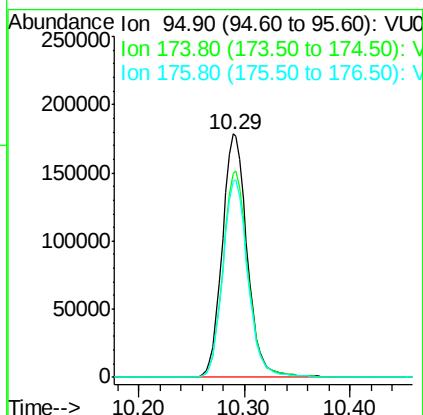
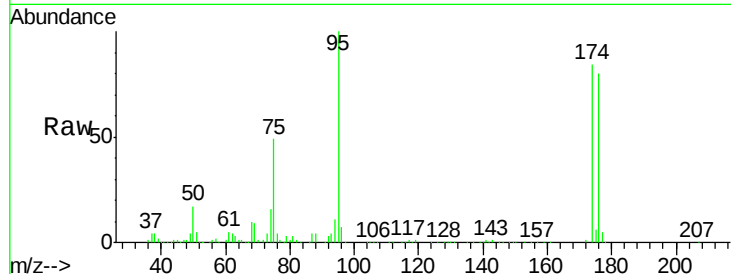




#62
4-Bromofluorobenzene
Concen: 42.179 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034012.D
Acq: 28 Aug 2019 08:14

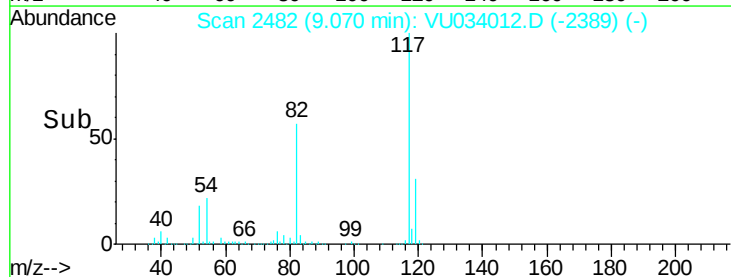
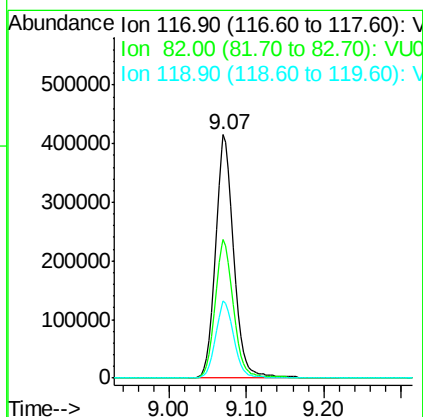
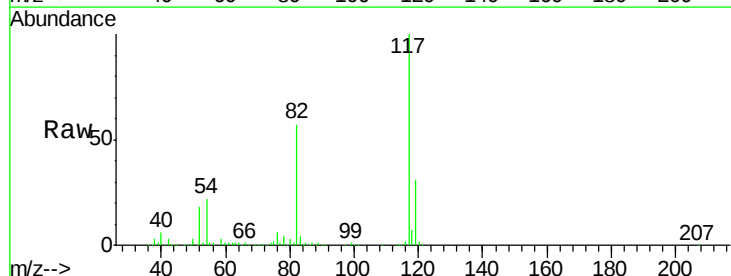
Instrument :
MSVOA_U
ClientSampleId :
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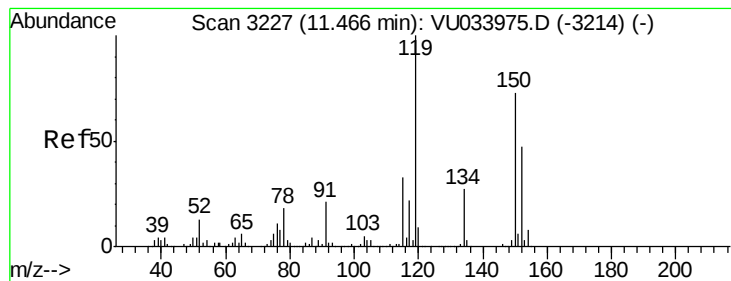
Tot Ion: 95 Resp: 291824
Ion Ratio Lower Upper
95 100
174 85.3 0.0 183.8
176 81.4 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034012.D
Acq: 28 Aug 2019 08:14

Tgt Ion: 117 Resp: 698732
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 31.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

Instrument :

MSVOA_U

ClientSampleId :

SB-1-30-32

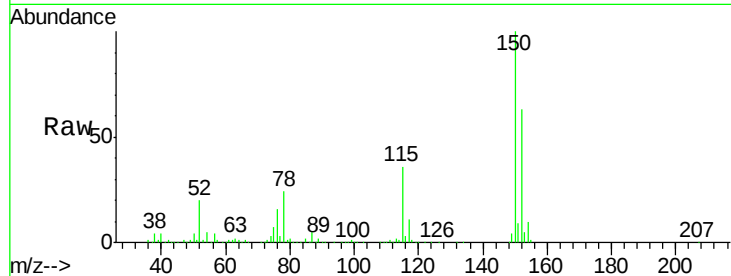
Tot Ion:152 Resp: 299949

Ion Ratio Lower Upper

152 100

115 57.5 38.6 115.7

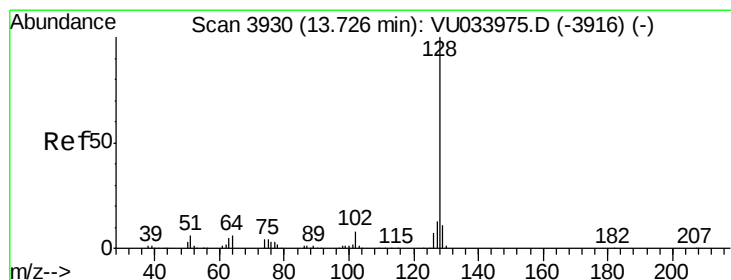
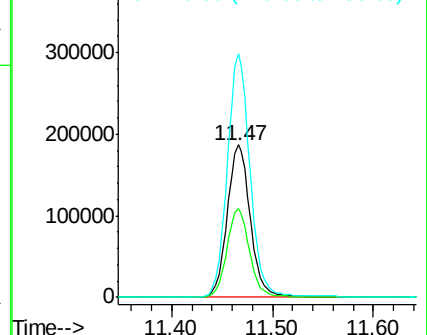
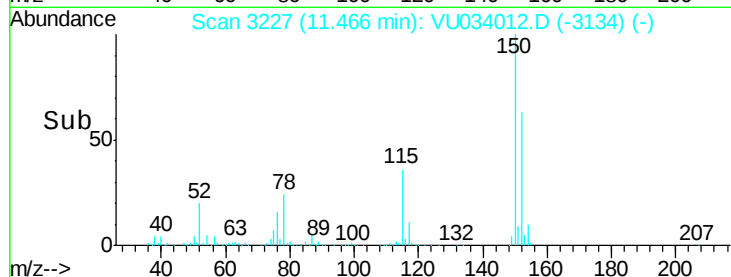
150 156.8 0.0 343.8



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: 2.973 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034012.D

Acq: 28 Aug 2019 08:14

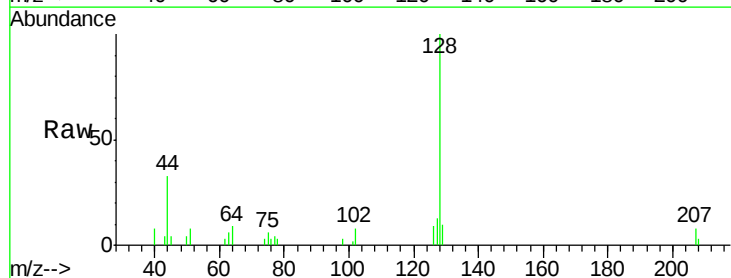
Tgt Ion:128 Resp: 17191

Ion Ratio Lower Upper

128 100

127 8.2 10.2 15.4#

129 3.9 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

