

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025146.D
 Acq On : 02 Jul 2018 16:25
 Operator : MD/SY
 Sample : J3248-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-03-062818-A

Quant Time: Jul 03 05:12:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314231	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	159412	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.56%		
35) Dibromofluoromethane	4.89	113	123294	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.56%		
50) Toluene-d8	7.57	98	449609	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.54%		
62) 4-Bromofluorobenzene	10.31	95	166560	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.20%		

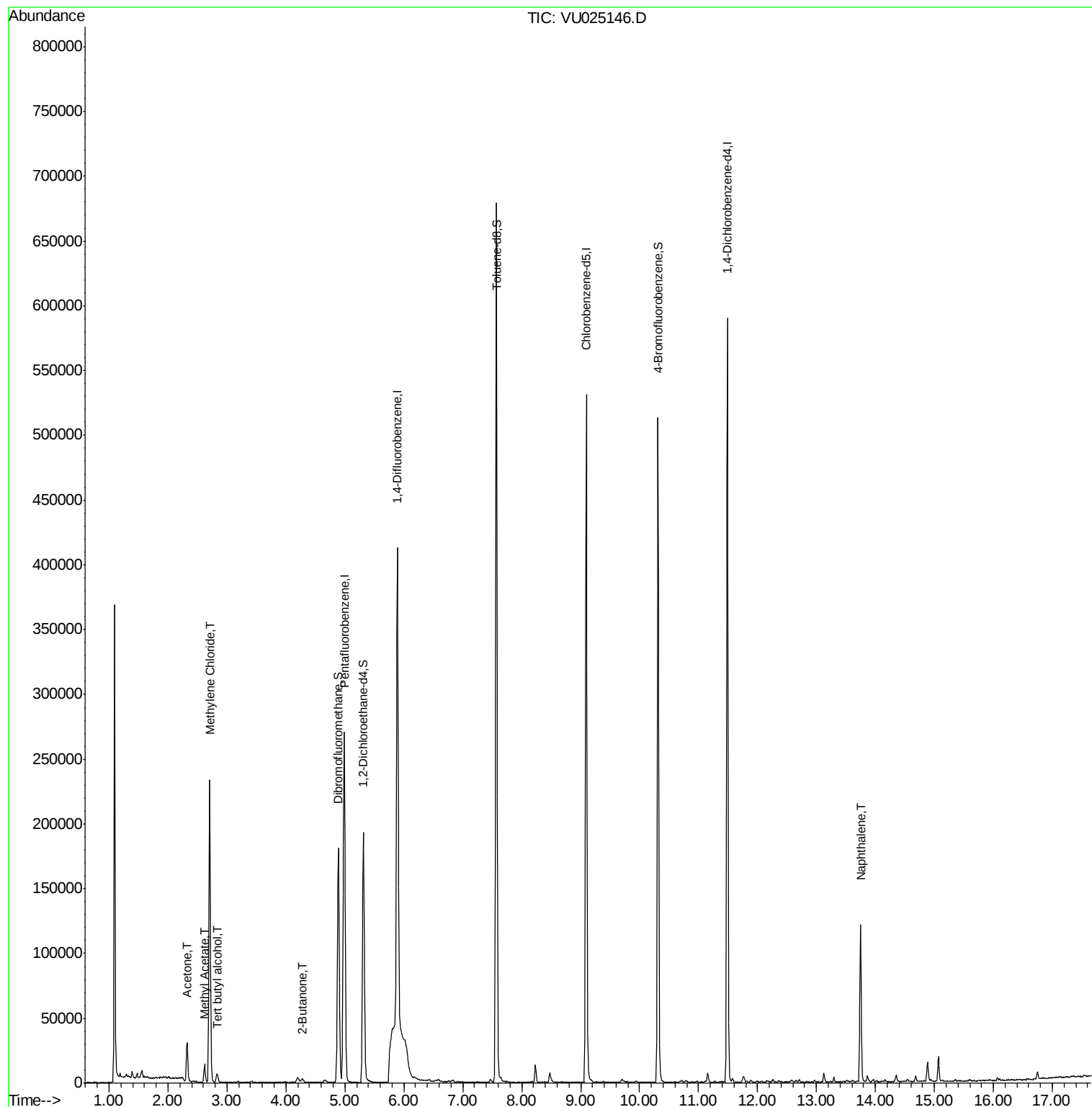
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	6130	7.47	ug/l	96
16) Acetone	2.32	43	33467	18.47	ug/l	99
18) Methyl Acetate	2.62	43	16511	4.25	ug/l	99
20) Methylene Chloride	2.71	84	103585	36.44	ug/l	98
25) 2-Butanone	4.28	43	4965	2.04	ug/l	100
95) Naphthalene	13.75	128	97732	9.35	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

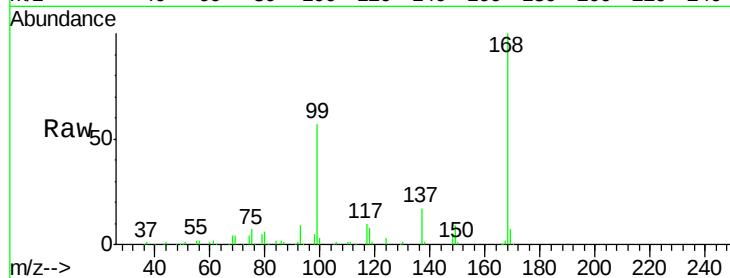
EO-03-062818-A

Tot Ion:168 Resp: 206544

Ion Ratio Lower Upper

168 100

99 57.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025146.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025146.D (-1275) (-)

4.99

100000

80000

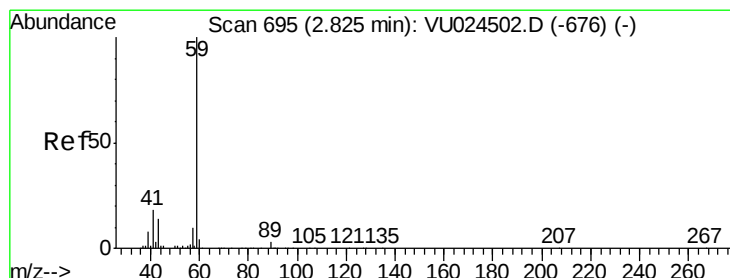
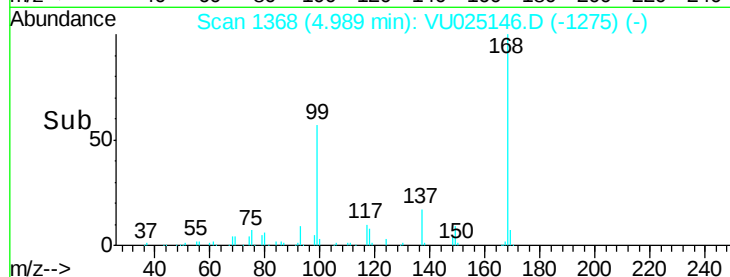
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.47 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VU025146.D

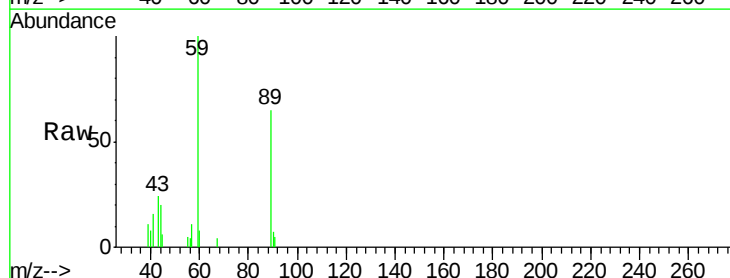
Acq: 02 Jul 2018 16:25

Tgt Ion: 59 Resp: 6130

Ion Ratio Lower Upper

59 100

57 8.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU025146.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU025146.D (-602) (-)

2.83

3000

2500

2000

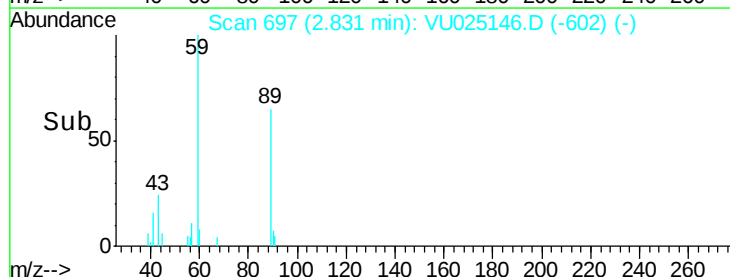
1500

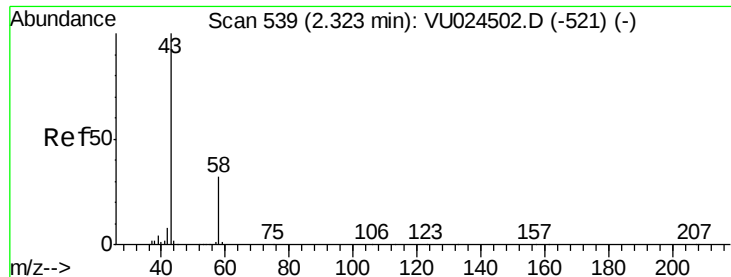
1000

500

0

Time-->





#16

Acetone

Concen: 18.47 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

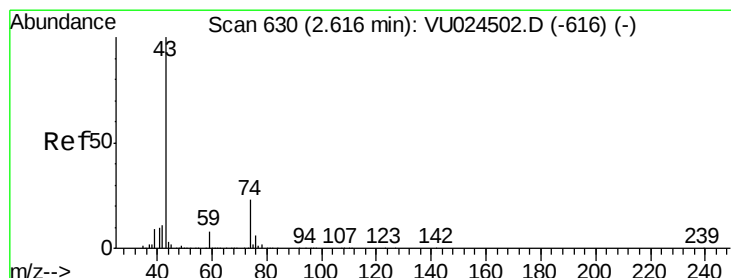
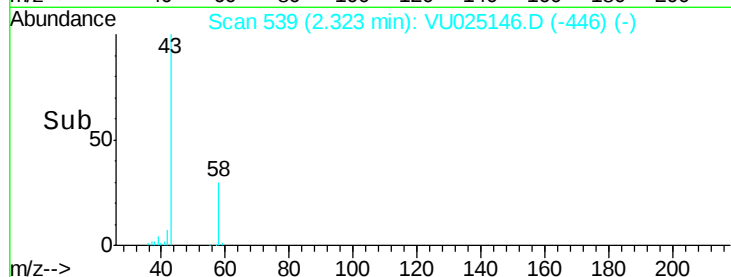
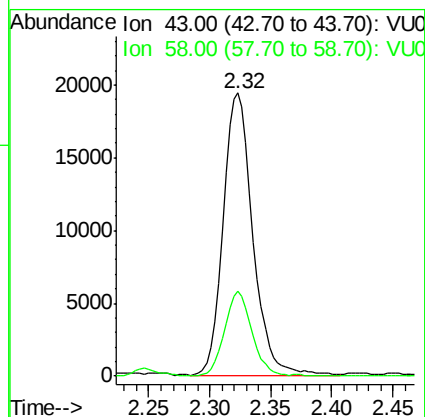
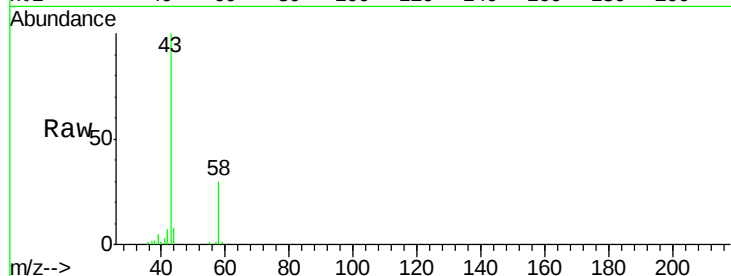
EO-03-062818-A

Tot Ion: 43 Resp: 33467

Ion Ratio Lower Upper

43 100

58 30.1 24.4 36.6



#18

Methyl Acetate

Concen: 4.25 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025146.D

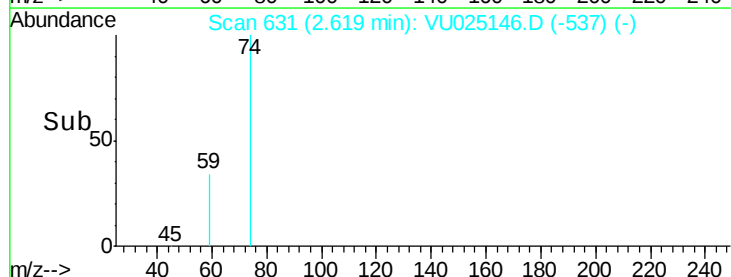
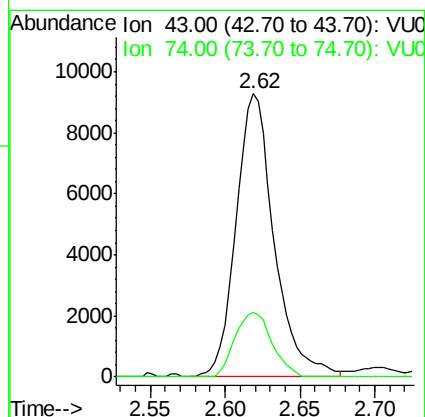
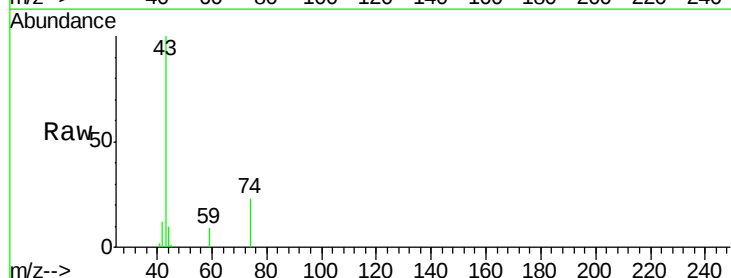
Acq: 02 Jul 2018 16:25

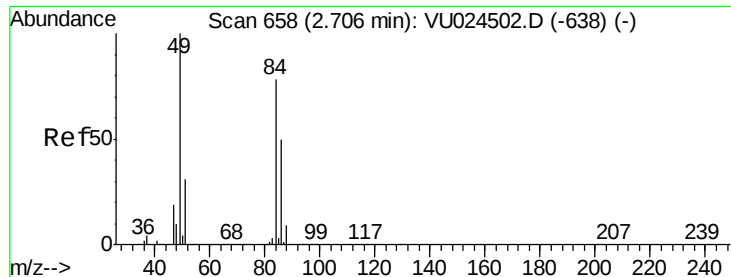
Tgt Ion: 43 Resp: 16511

Ion Ratio Lower Upper

43 100

74 22.1 18.0 27.0





#20

Methvlene Chloride

Concen: 36.44 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-A

Tot Ion: 84 Resp: 103585

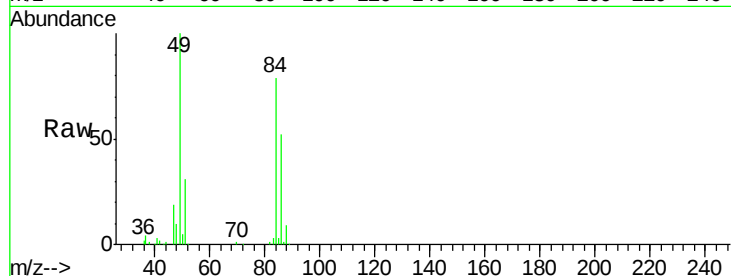
Ion Ratio Lower Upper

84 100

49 127.3 103.8 155.8

51 40.0 32.0 48.0

86 65.9 51.6 77.4

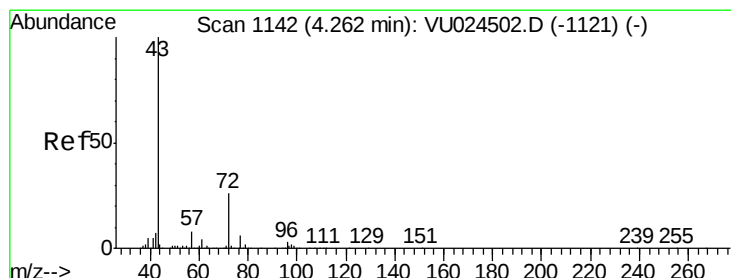
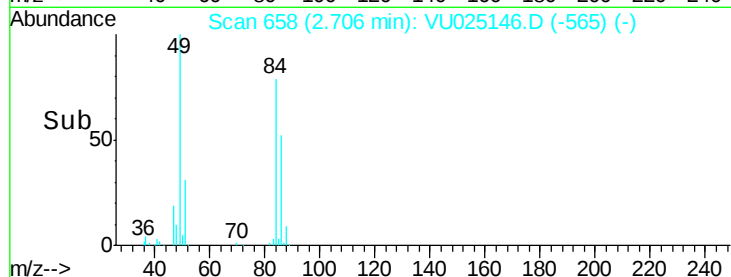
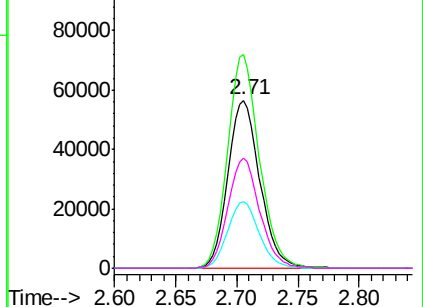


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#25

2-Butanone

Concen: 2.04 ug/l

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU025146.D

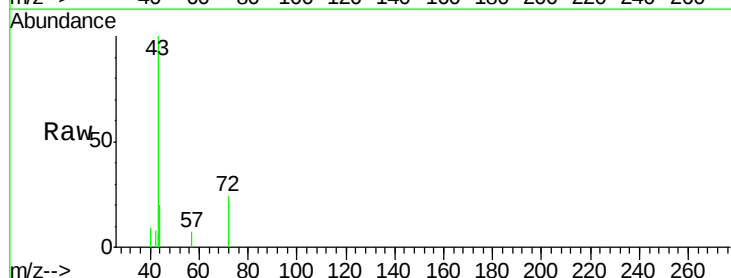
Acq: 02 Jul 2018 16:25

Tgt Ion: 43 Resp: 4965

Ion Ratio Lower Upper

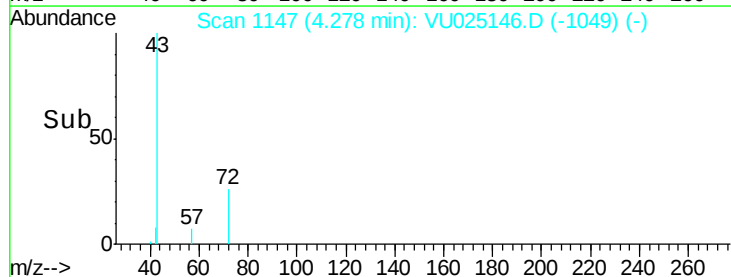
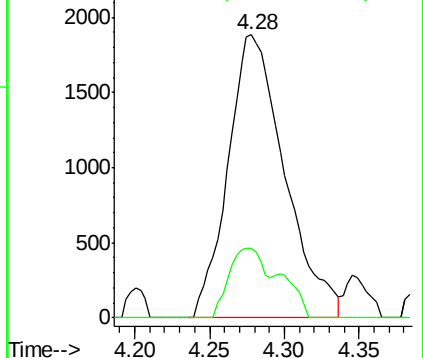
43 100

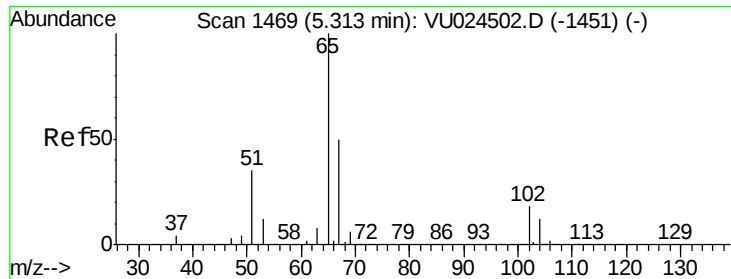
72 24.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

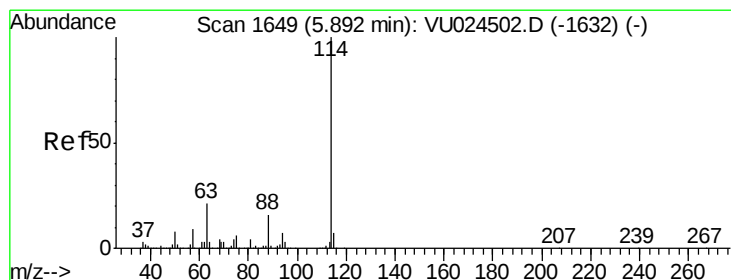
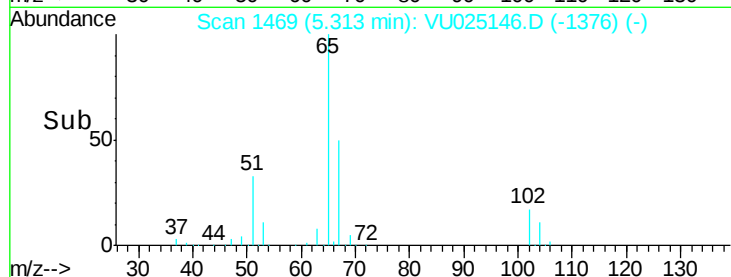
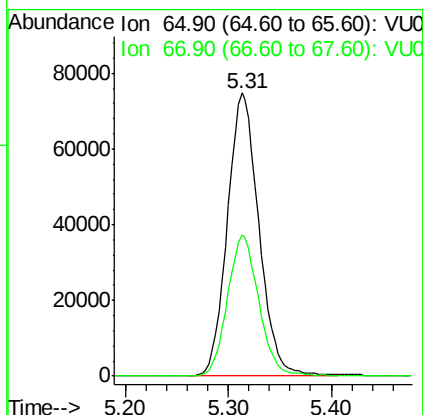
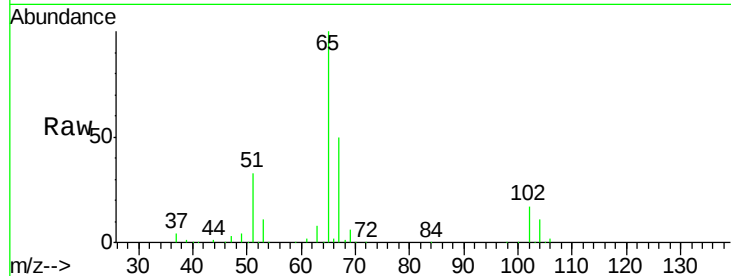




#33
 1,2-Dichloroethane-d4
 Concen: 47.28 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025146.D
 Acq: 02 Jul 2018 16:25

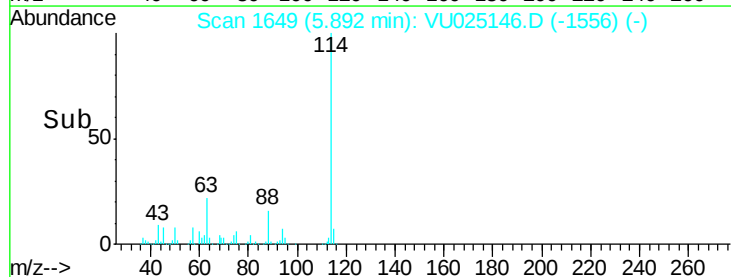
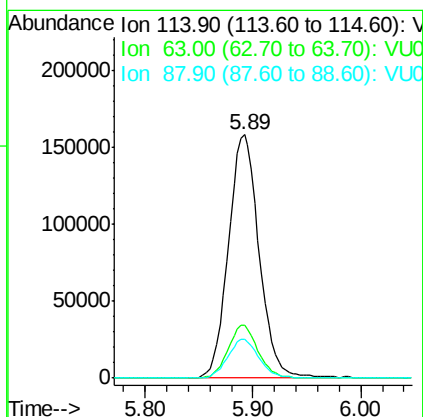
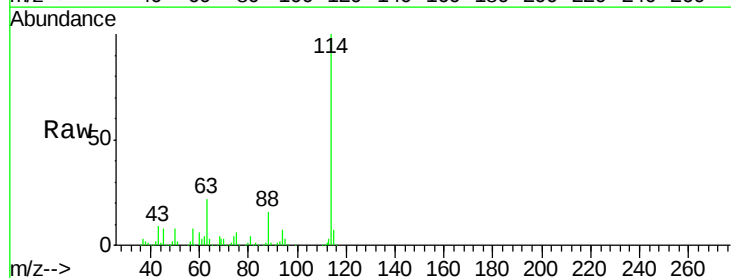
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-03-062818-A

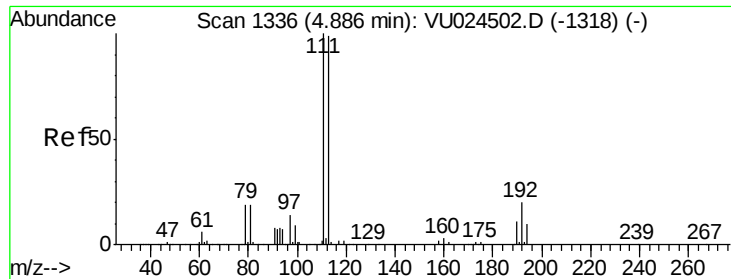
Tot Ion: 65 Resp: 159412
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025146.D
 Acq: 02 Jul 2018 16:25

Tgt Ion: 114 Resp: 314231
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.4
 88 15.9 0.0 31.0

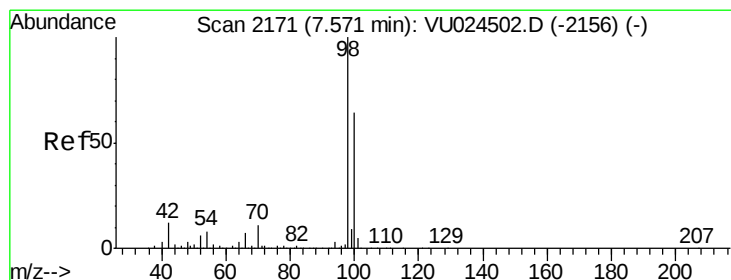
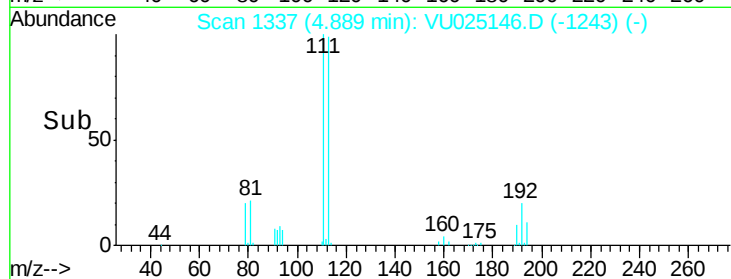
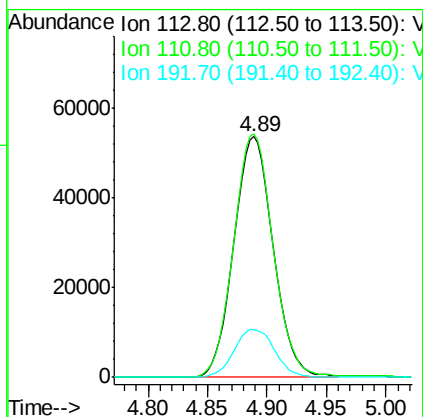
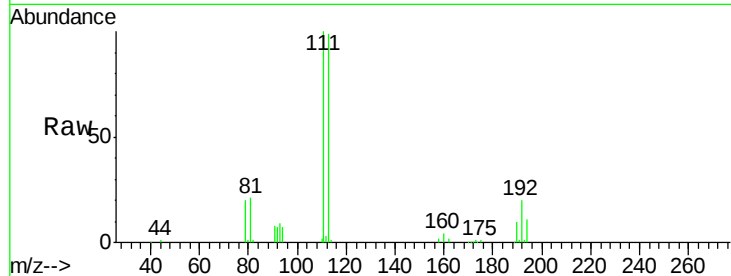




#35
 Dibromofluoromethane
 Concen: 47.28 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025146.D
 Acq: 02 Jul 2018 16:25

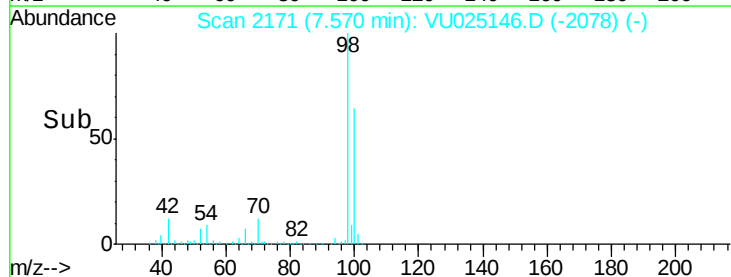
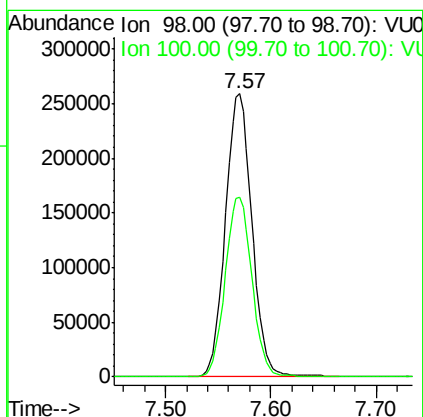
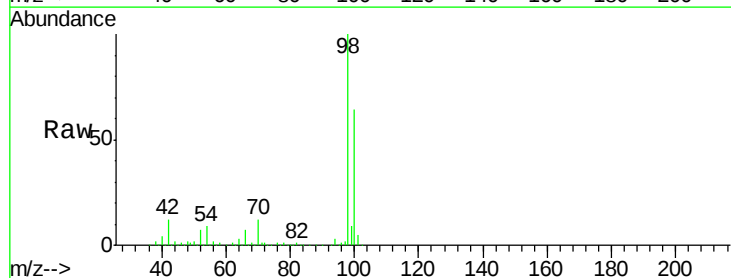
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-03-062818-A

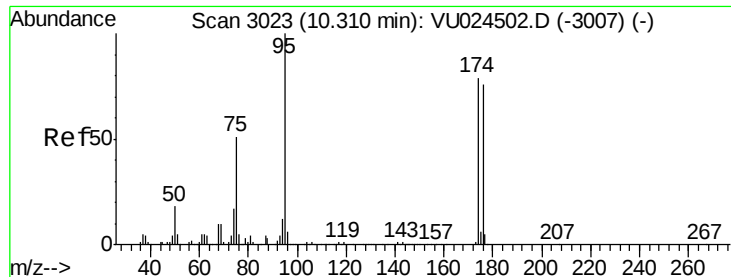
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	20.5	16.2	24.4



#50
 Toluene-d8
 Concen: 47.27 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025146.D
 Acq: 02 Jul 2018 16:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 44.10 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-A

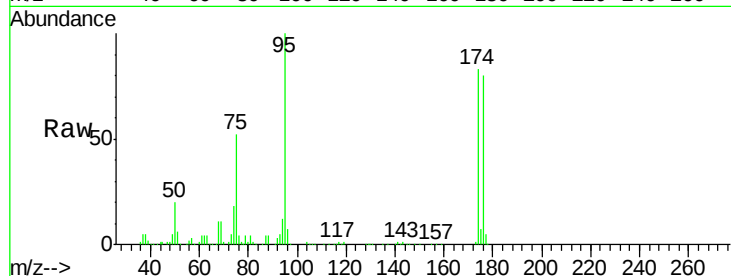
Tot Ion: 95 Resp: 166560

Ion Ratio Lower Upper

95 100

174 83.9 0.0 165.8

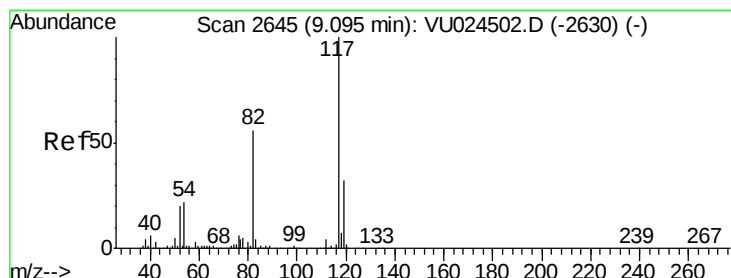
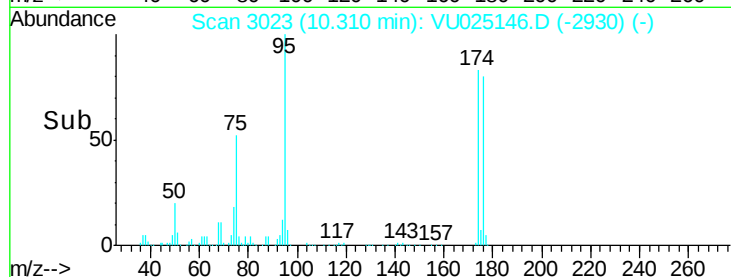
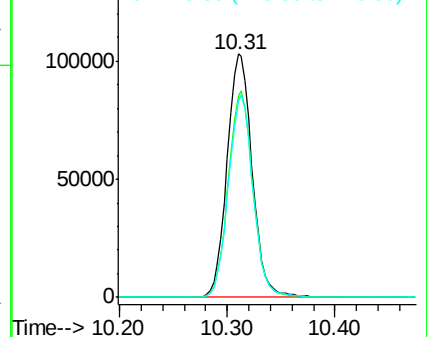
176 82.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025146.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025146.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025146.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

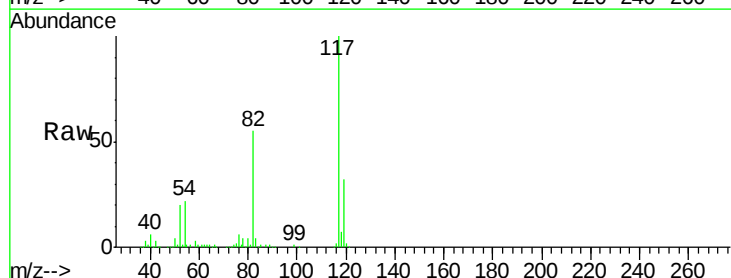
Tgt Ion: 117 Resp: 288714

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

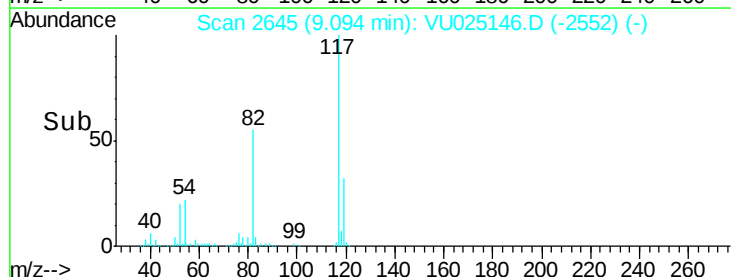
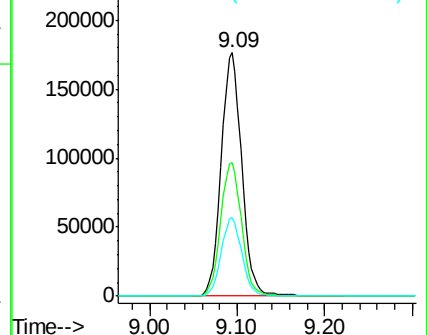
119 32.2 25.4 38.2

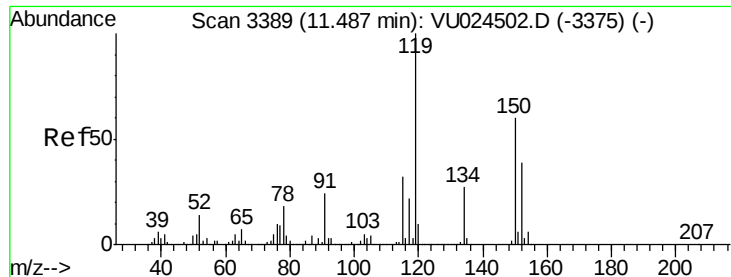


Abundance Ion 116.90 (116.60 to 117.60): VU025146.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025146.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025146.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-A

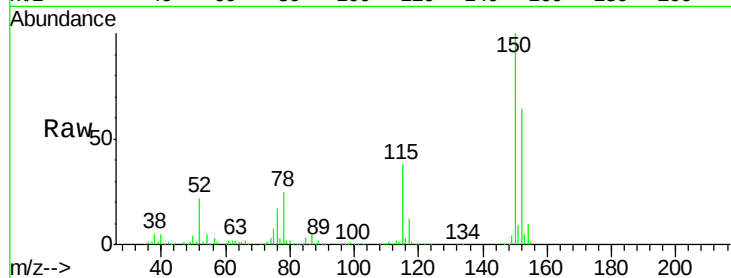
Tot Ion:152 Resp: 151140

Ion Ratio Lower Upper

152 100

115 57.8 43.0 129.0

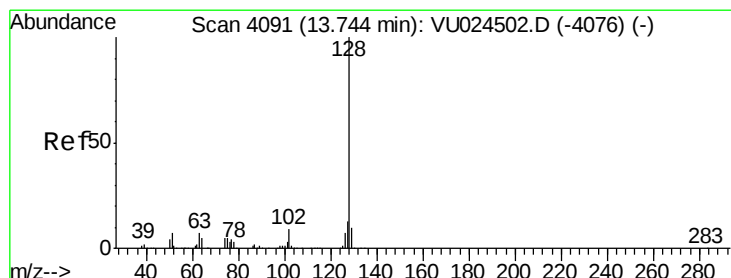
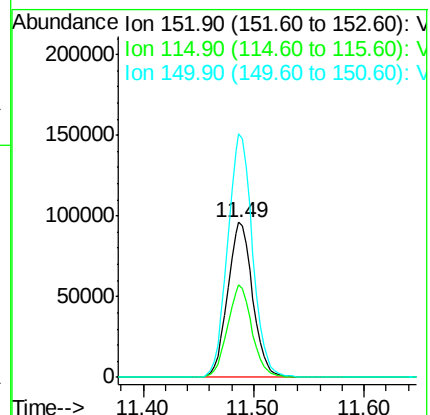
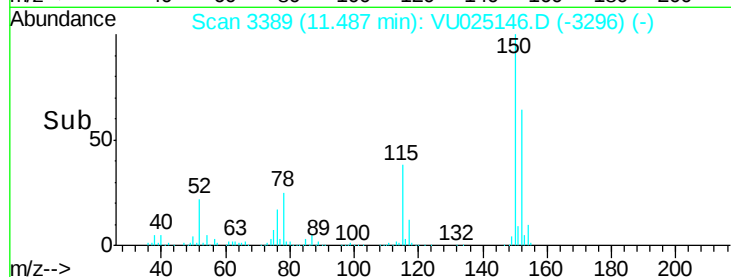
150 156.0 0.0 354.0



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: 9.35 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025146.D

Acq: 02 Jul 2018 16:25

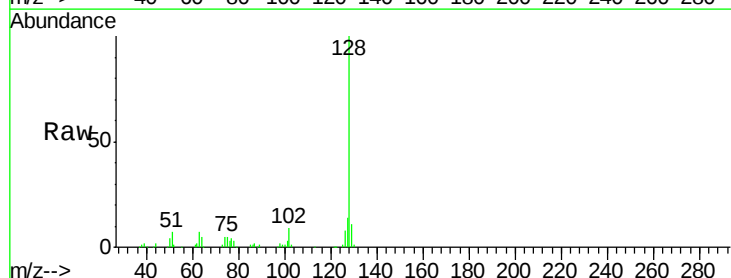
Tgt Ion:128 Resp: 97732

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.3 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

