

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025150.D
 Acq On : 02 Jul 2018 18:03
 Operator : MD/SY
 Sample : J3796-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JC-SOIL

Quant Time: Jul 03 05:33:45 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	208260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316919	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151841	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	158312	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	123680	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	7.57	98	450706	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	10.31	95	166547	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	

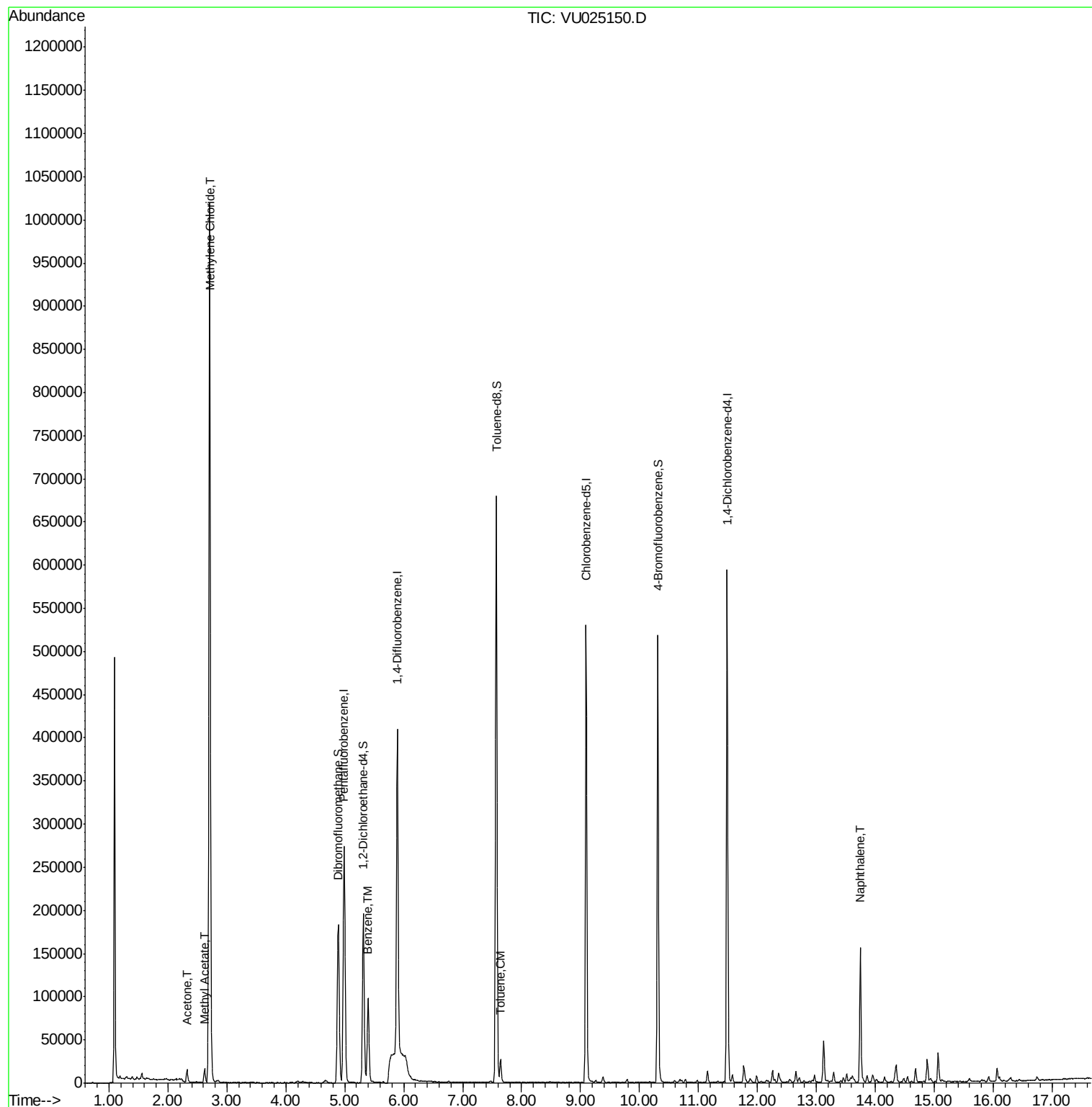
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	16026	8.77	ug/l	97
18) Methyl Acetate	2.62	43	19199	4.90	ug/l	100
20) Methylene Chloride	2.71	84	453308	158.15	ug/l	97
40) Benzene	5.40	78	95726	9.02	ug/l	99
52) Toluene	7.64	92	10855	1.59	ug/l	99
95) Naphthalene	13.75	128	124101	11.64	ug/l	99

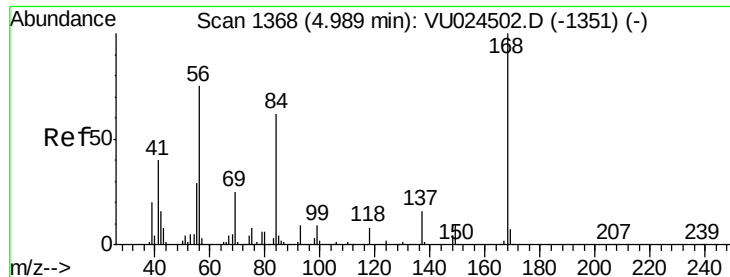
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025150.D

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Instrument :

MSVOA_U

ClientSampleId :

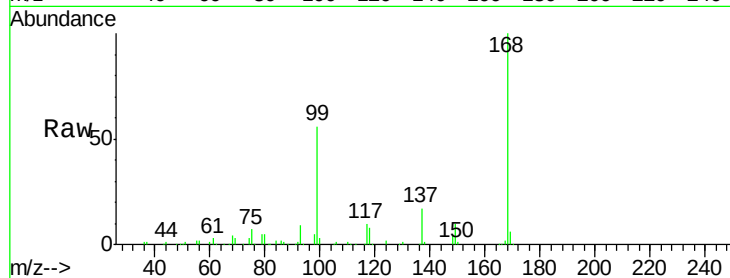
JC-SOIL

Tot Ion:168 Resp: 208260

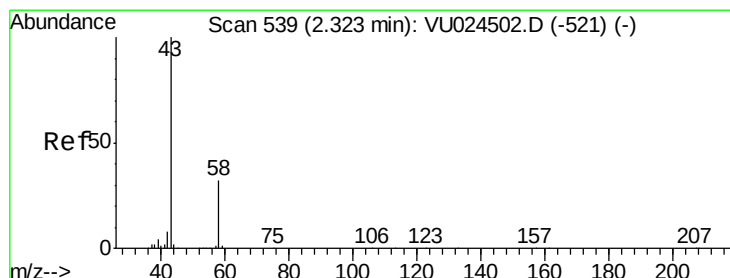
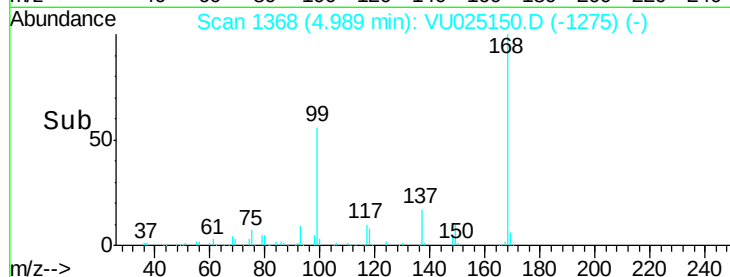
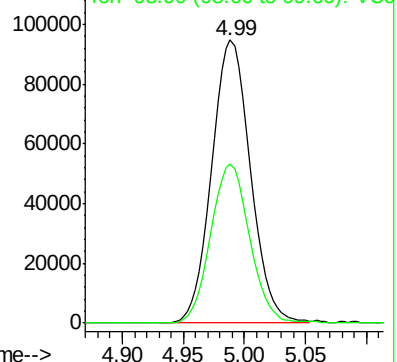
Ion Ratio Lower Upper

168 100

99 56.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025150.D (-1275) (-)



#16

Acetone

Concen: 8.77 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025150.D

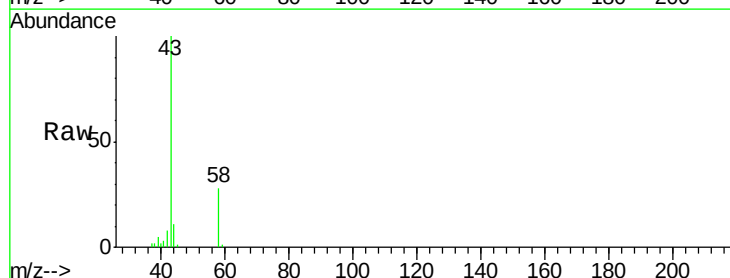
Acq: 02 Jul 2018 18:03

Tgt Ion: 43 Resp: 16026

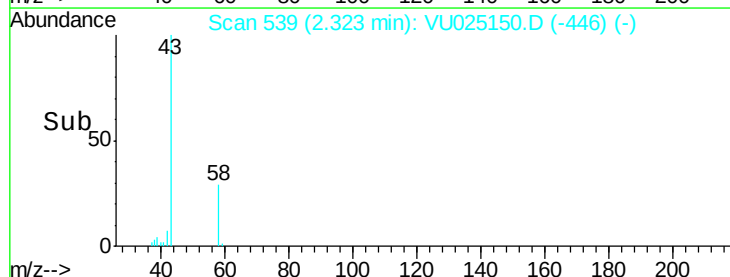
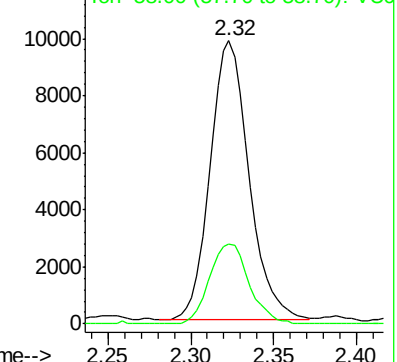
Ion Ratio Lower Upper

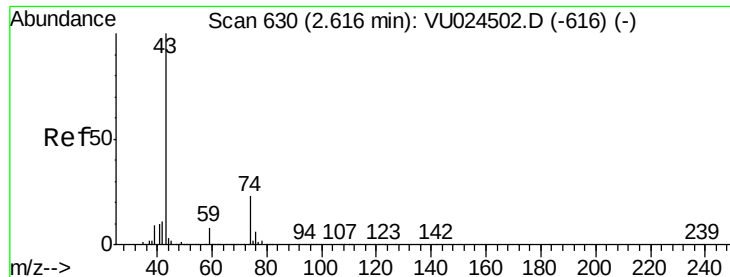
43 100

58 28.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025150.D (-446) (-)

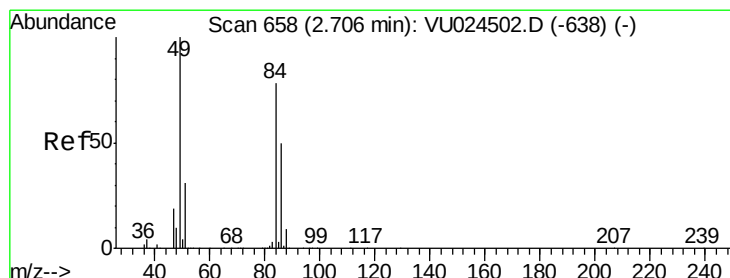
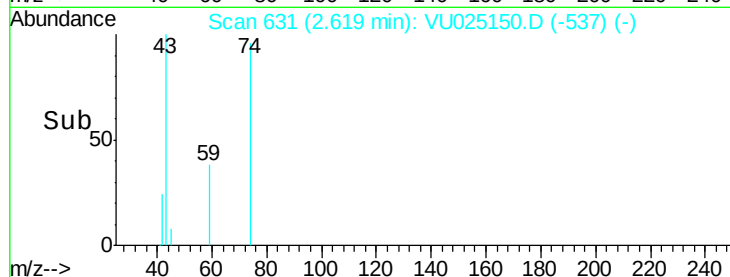
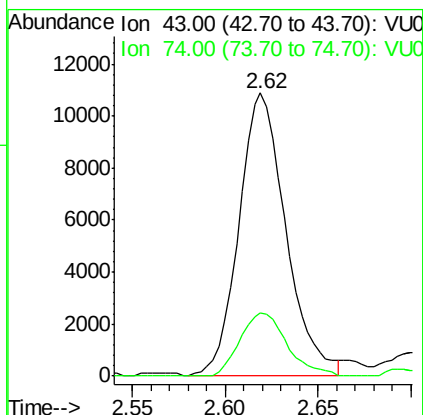
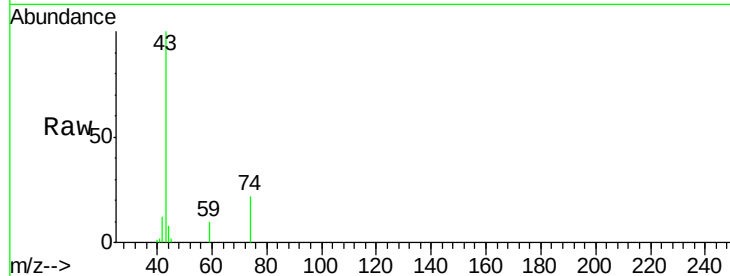




#18
Methvl Acetate
Concen: 4.90 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

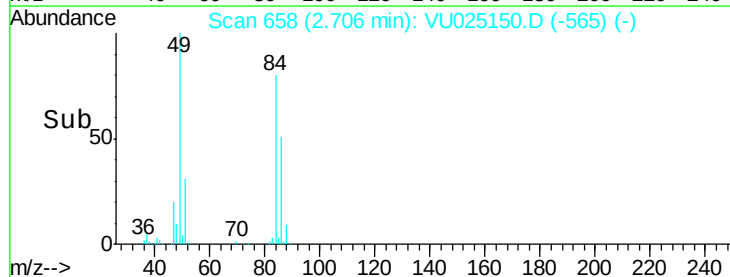
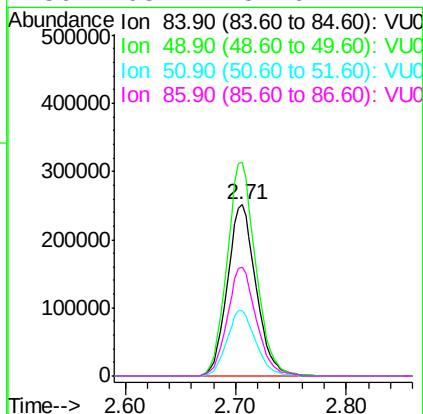
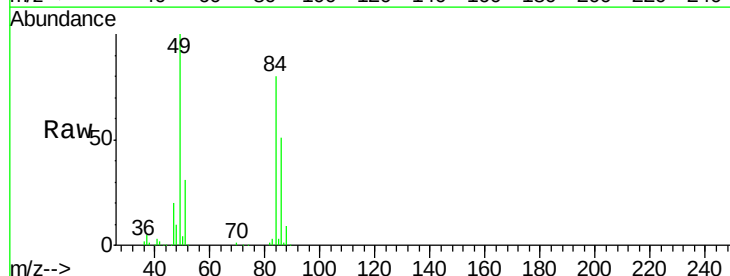
Instrument :
MSVOA_U
ClientSampleId :
JC-SOIL

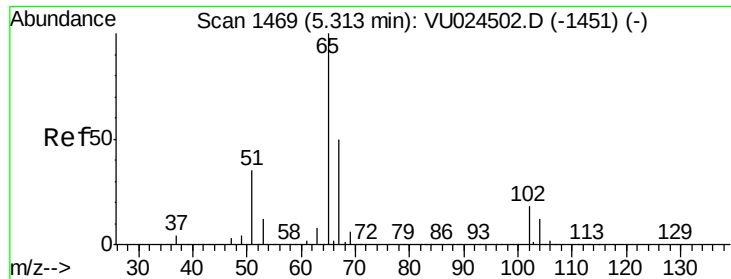
Tot Ion: 43 Resp: 19199
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 158.15 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

Tgt Ion: 84 Resp: 453308
Ion Ratio Lower Upper
84 100
49 124.9 103.8 155.8
51 38.3 32.0 48.0
86 63.7 51.6 77.4

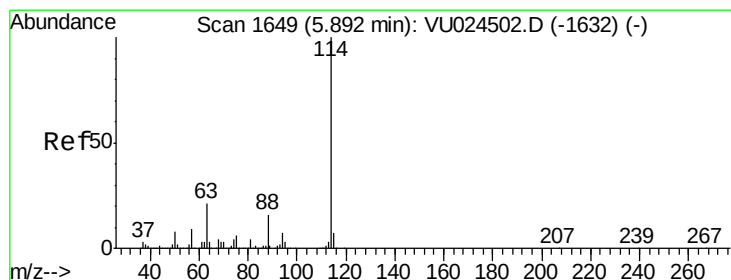
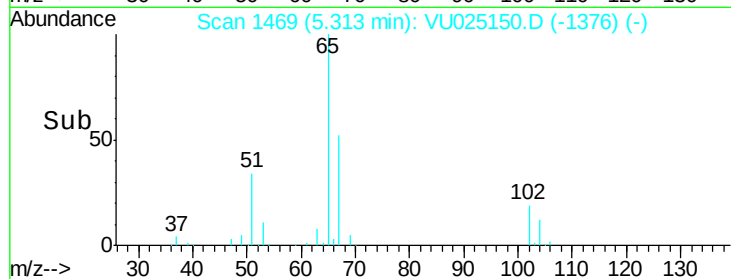
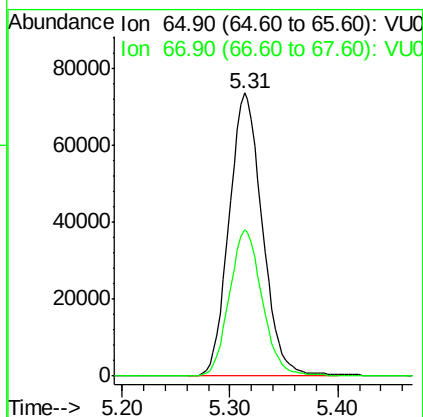
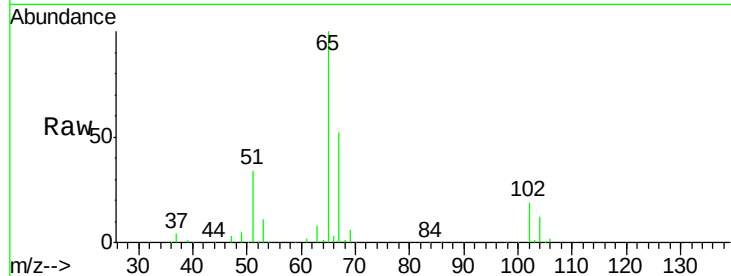




#33
 1,2-Dichloroethane-d4
 Concen: 46.56 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025150.D
 Acq: 02 Jul 2018 18:03

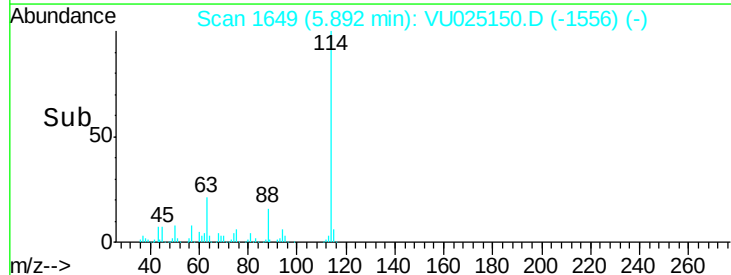
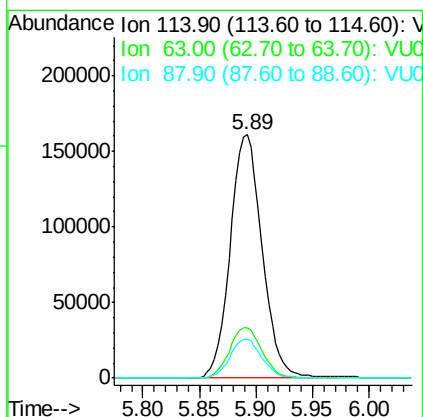
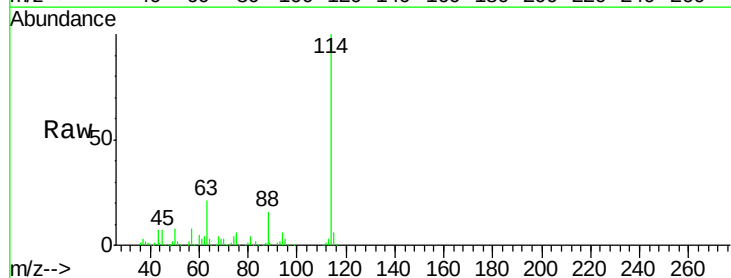
Instrument :
 MSVOA_U
 ClientSampleId :
 JC-SOIL

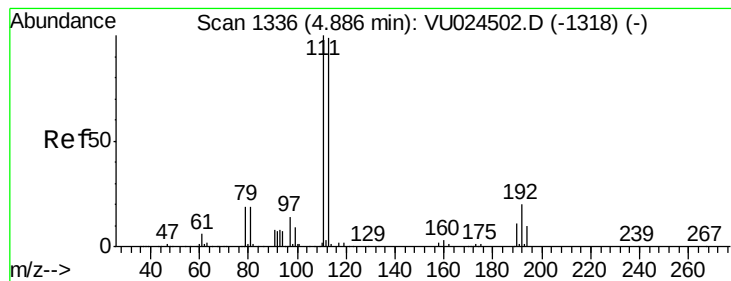
Tot Ion: 65 Resp: 158312
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025150.D
 Acq: 02 Jul 2018 18:03

Tgt Ion: 114 Resp: 316919
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.02 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

JC-SOIL

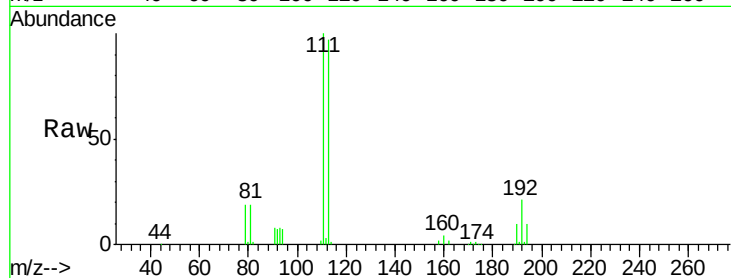
Tot Ion:113 Resp: 123680

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

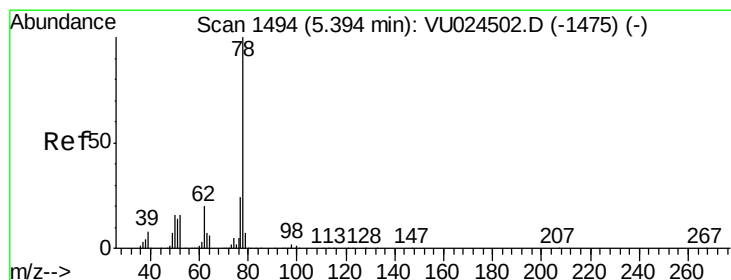
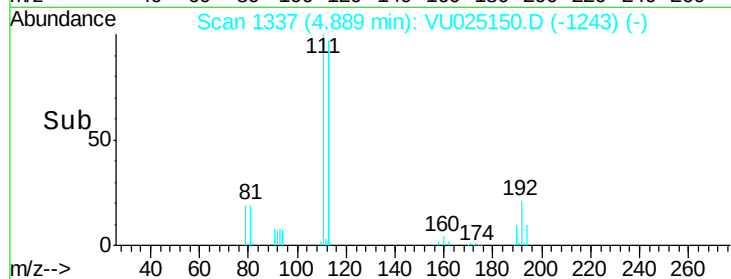
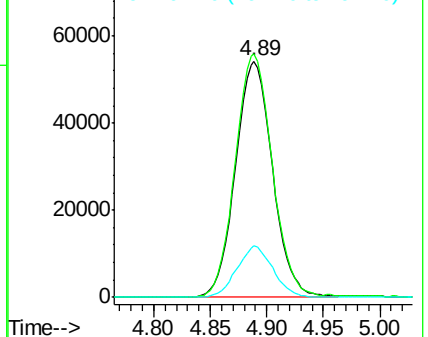
192 21.2 16.2 24.4



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



#40

Benzene

Concen: 9.02 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025150.D

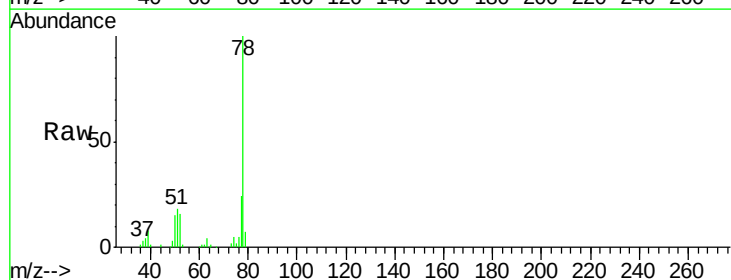
Acq: 02 Jul 2018 18:03

Tgt Ion: 78 Resp: 95726

Ion Ratio Lower Upper

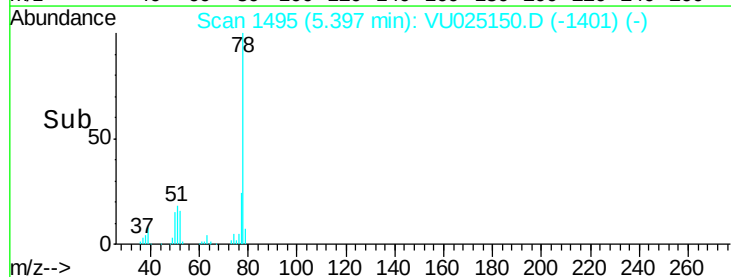
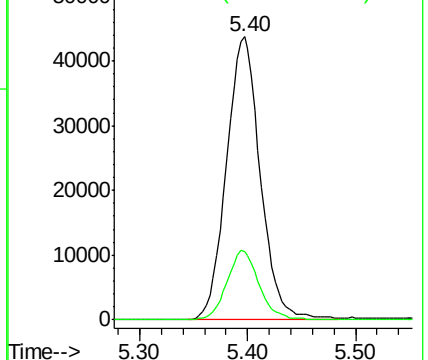
78 100

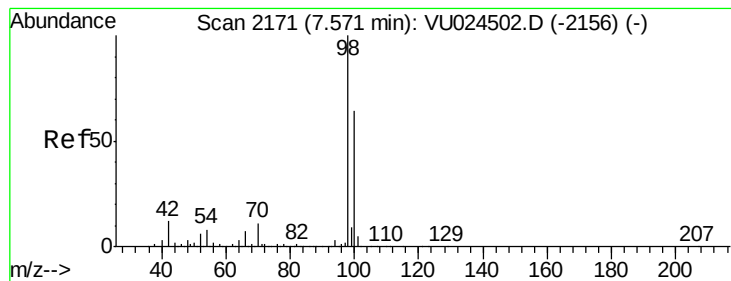
77 24.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 46.98 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

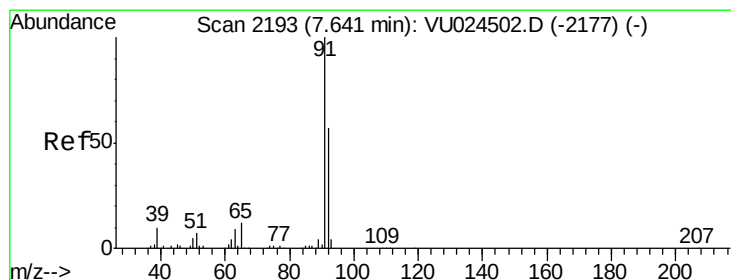
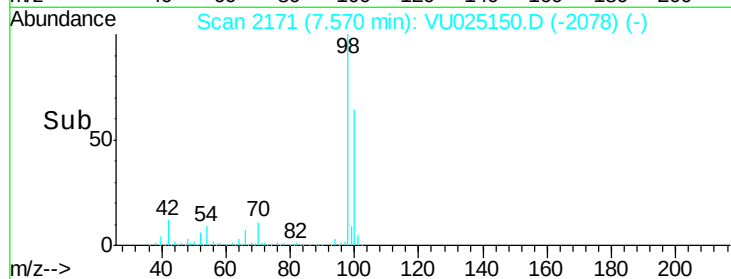
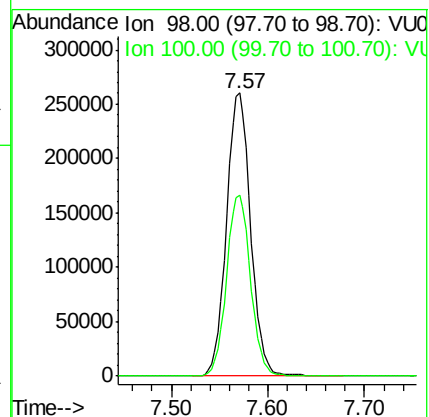
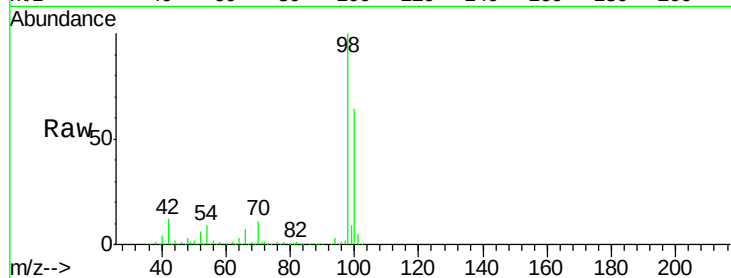
JC-SOIL

Tot Ion: 98 Resp: 450706

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#52

Toluene

Concen: 1.59 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025150.D

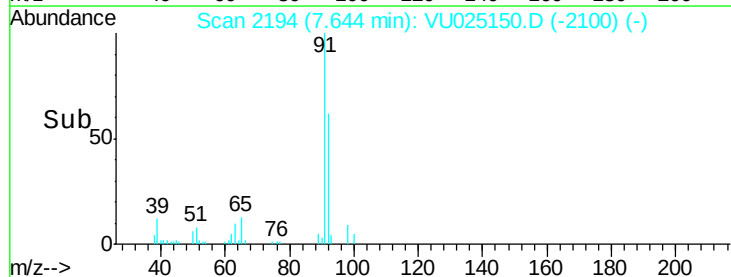
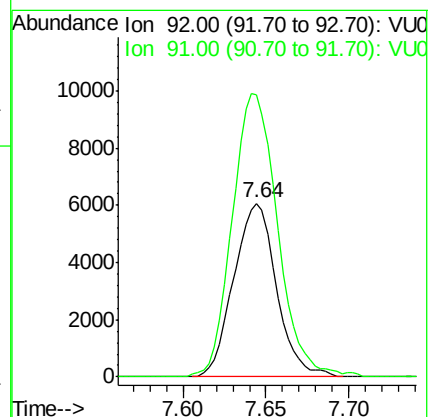
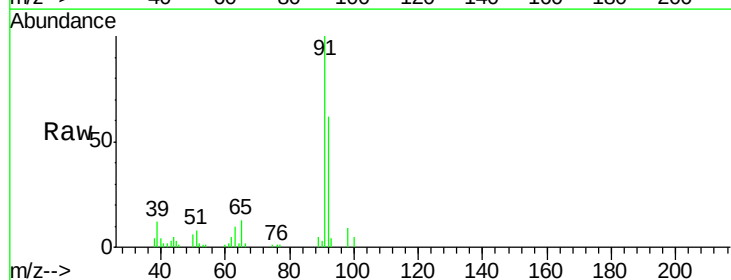
Acq: 02 Jul 2018 18:03

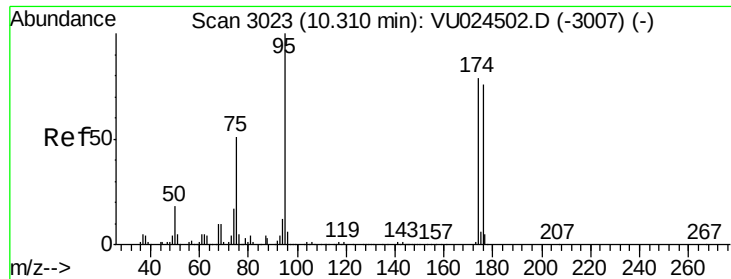
Tgt Ion: 92 Resp: 10855

Ion Ratio Lower Upper

92 100

91 173.6 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 43.72 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampled :

JC-SOIL

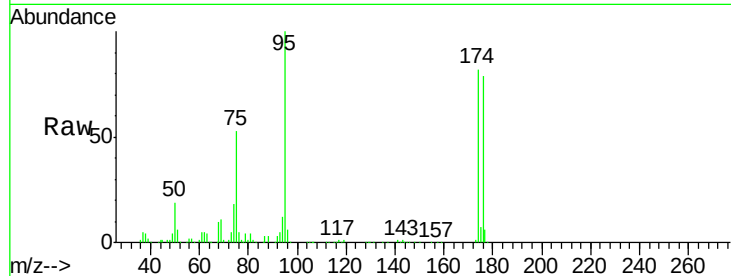
Tot Ion: 95 Resp: 166547

Ion Ratio Lower Upper

95 100

174 85.0 0.0 165.8

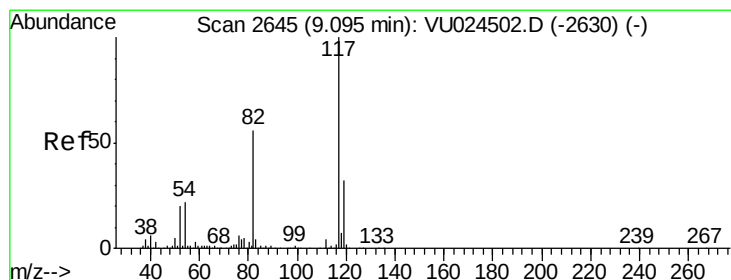
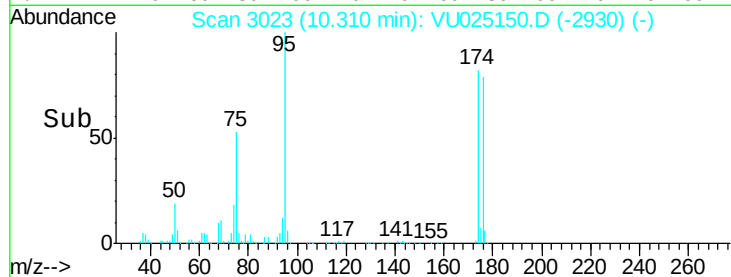
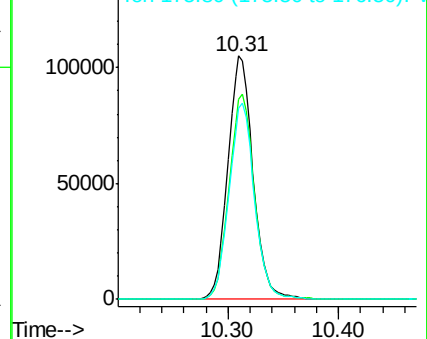
176 81.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025150.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025150.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025150.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

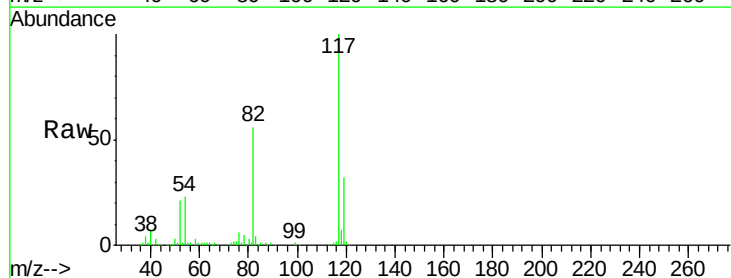
Tgt Ion: 117 Resp: 287976

Ion Ratio Lower Upper

117 100

82 56.3 44.3 66.5

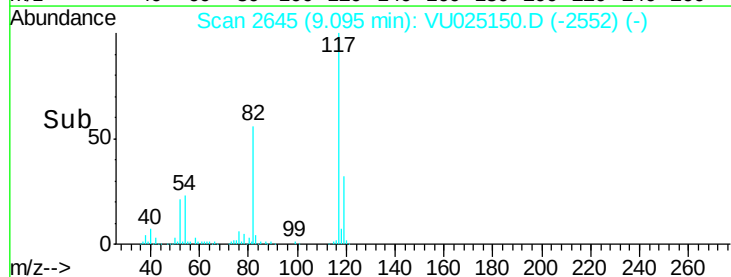
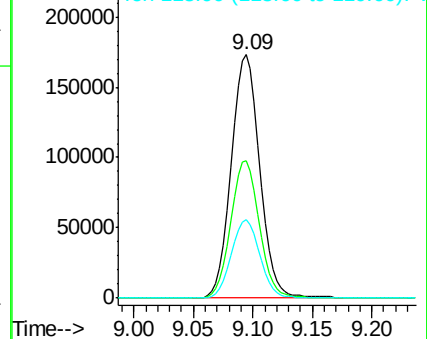
119 32.1 25.4 38.2

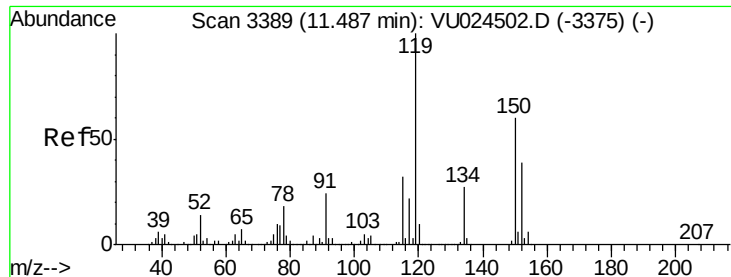


Abundance Ion 116.90 (116.60 to 117.60): VU025150.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025150.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025150.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: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

JC-SOIL

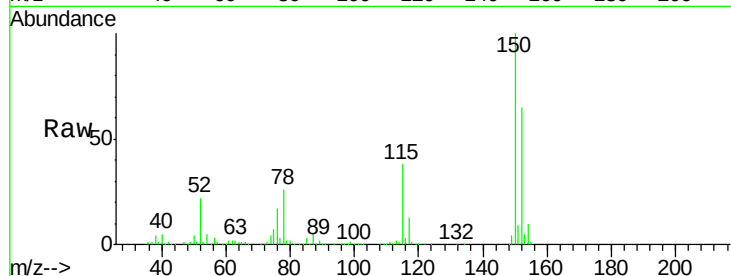
Tot Ion:152 Resp: 151841

Ion Ratio Lower Upper

152 100

115 59.6 43.0 129.0

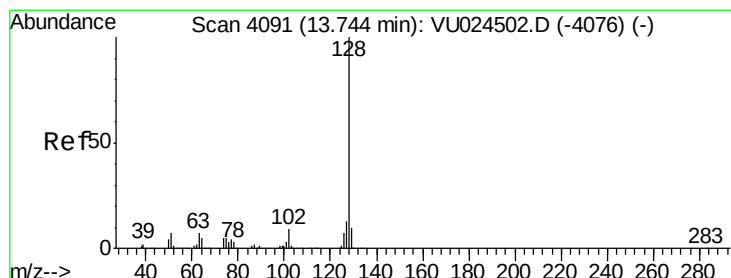
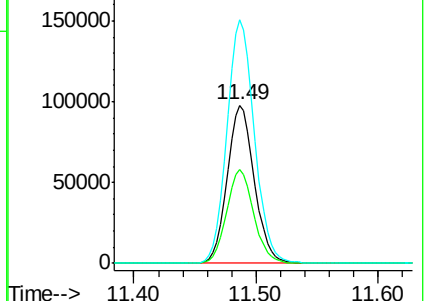
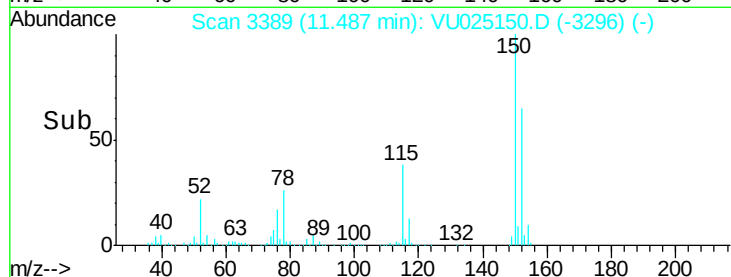
150 156.7 0.0 354.0



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: 11.64 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

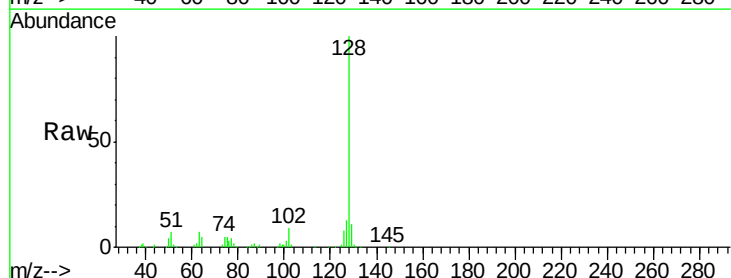
Tgt Ion:128 Resp: 124101

Ion Ratio Lower Upper

128 100

127 13.4 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

