

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025724.D
 Acq On : 30 Jul 2018 15:51
 Operator : MD/SY
 Sample : J4177-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SITE1-IDW-DRUM1-072518

Quant Time: Jul 31 04:10:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 28 02:19:50 2018
 Response via : Initial Calibration

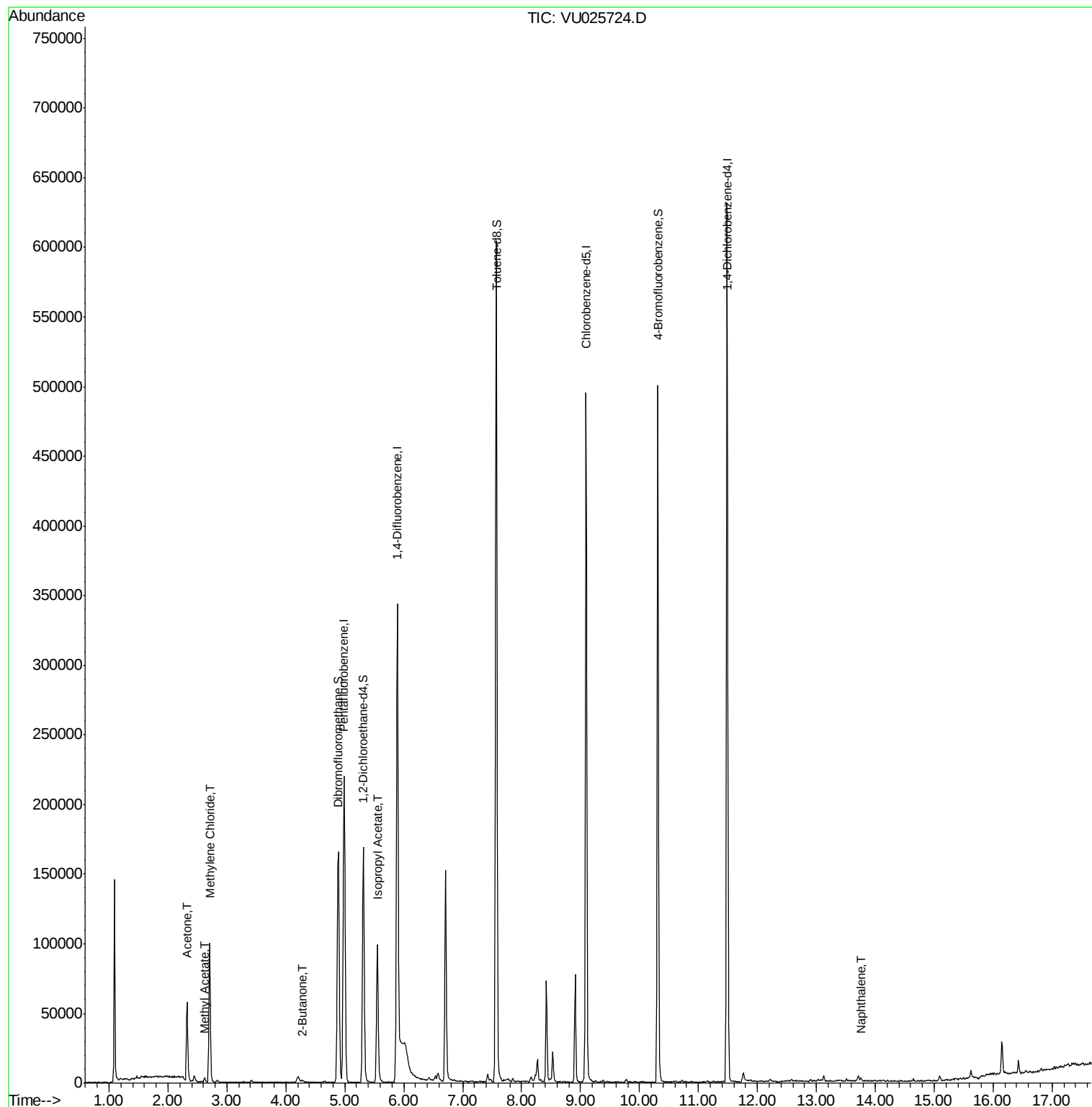
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	170327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137125	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	4.89	113	114112	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	7.57	98	401457	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	10.31	95	156021	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
Target Compounds						
16) Acetone	2.32	43	60277	46.59	ug/l	97
18) Methyl Acetate	2.62	43	3956	1.27	ug/l #	87
20) Methylene Chloride	2.71	84	44598	19.45	ug/l	97
25) 2-Butanone	4.28	43	1932	1.10	ug/l	95
43) Isopropyl Acetate	5.55	43	112703	20.65	ug/l	99
95) Naphthalene	13.76	128	2150	1.42	ug/l #	91

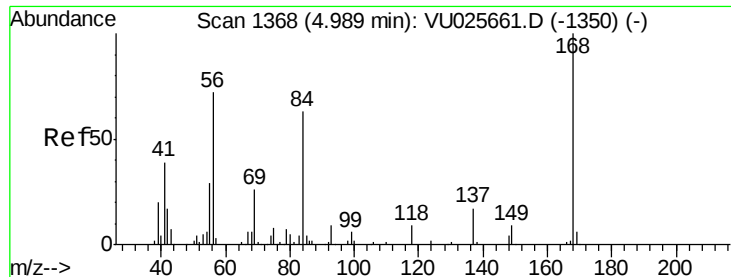
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 28 02:19:50 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

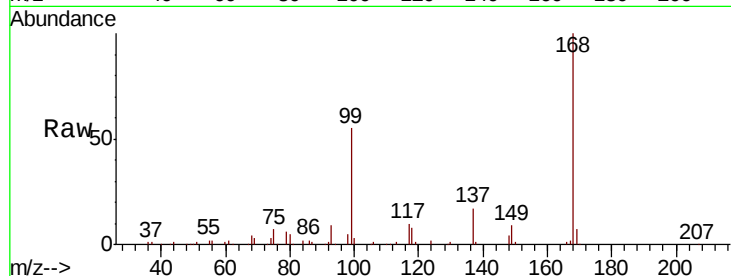
SITE1-IDW-DRUM1-072518

Tot Ion:168 Resp: 170327

Ion Ratio Lower Upper

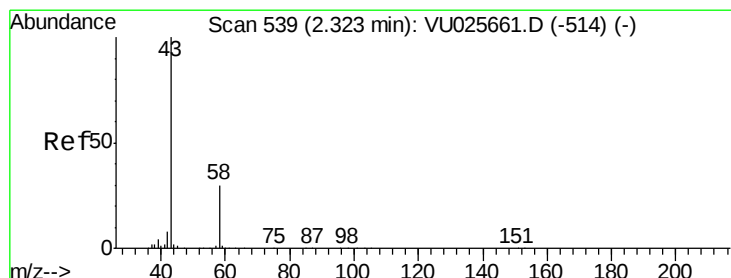
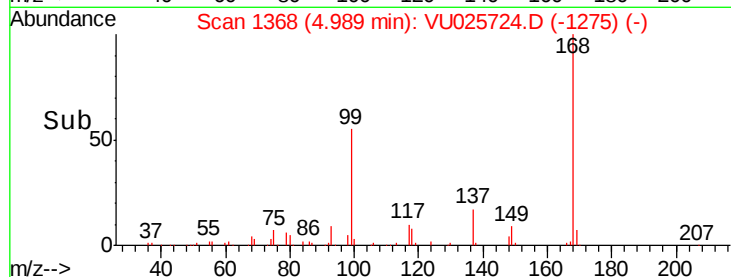
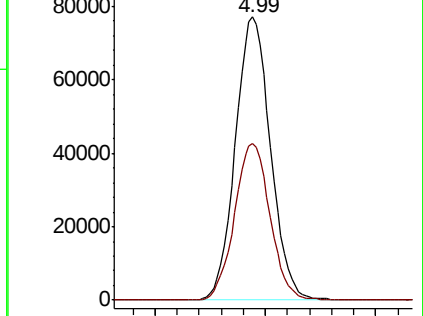
168 100

99 55.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#16

Acetone

Concen: 46.59 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025724.D

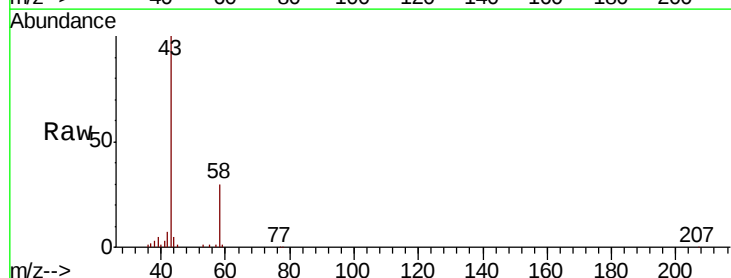
Acq: 30 Jul 2018 15:51

Tgt Ion: 43 Resp: 60277

Ion Ratio Lower Upper

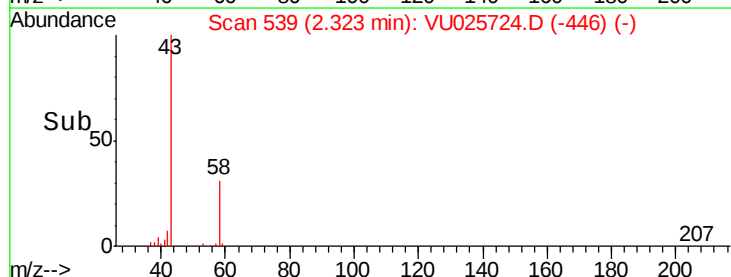
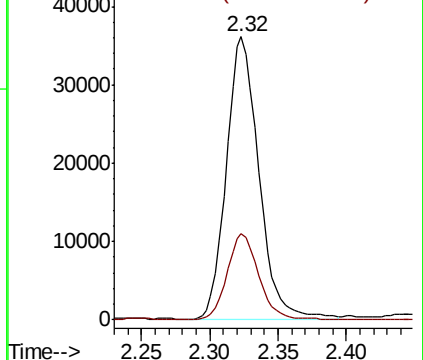
43 100

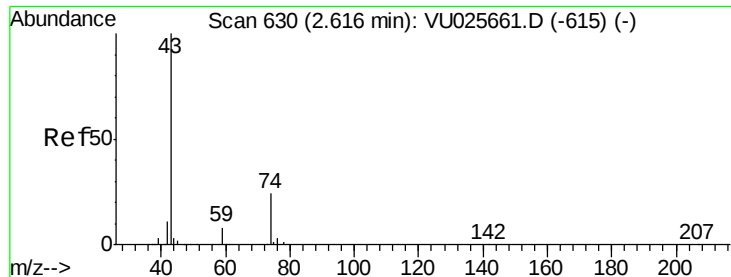
58 30.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)





#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

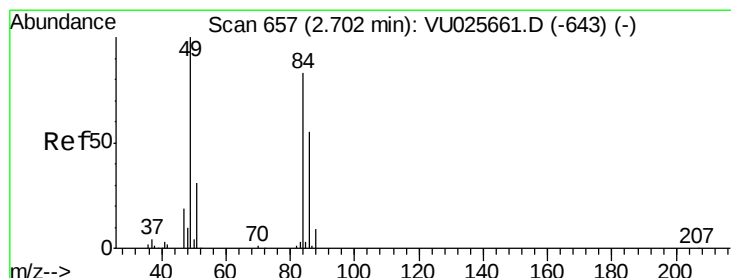
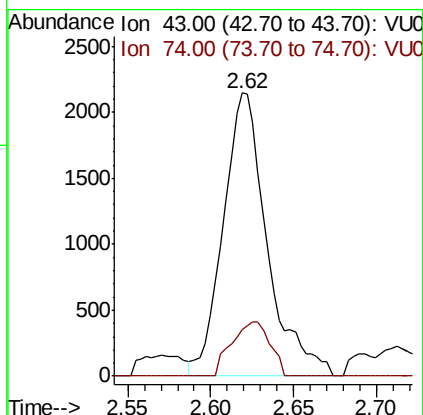
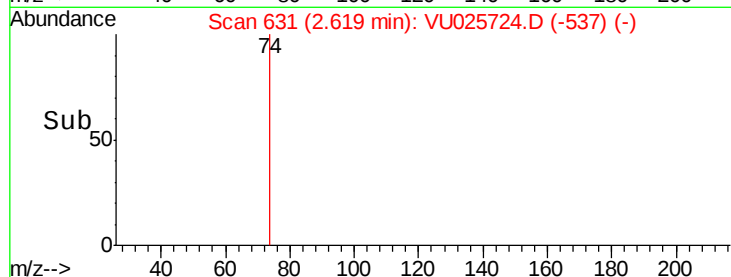
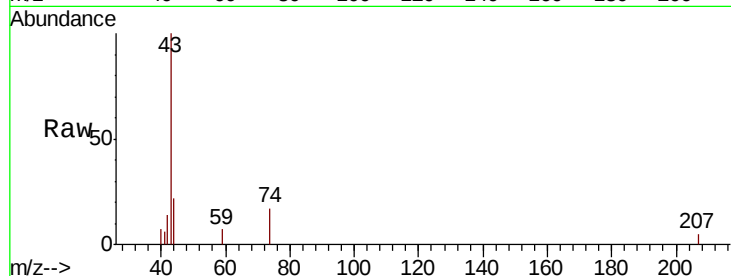
SITE1-IDW-DRUM1-072518

Tot Ion: 43 Resp: 3956

Ion Ratio Lower Upper

43 100

74 16.8 18.5 27.7#



#20

Methylene Chloride

Concen: 19.45 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

Tgt Ion: 84 Resp: 44598

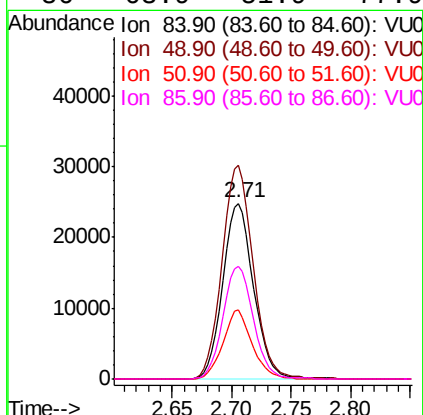
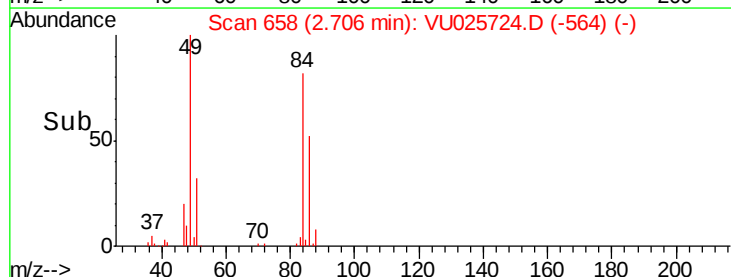
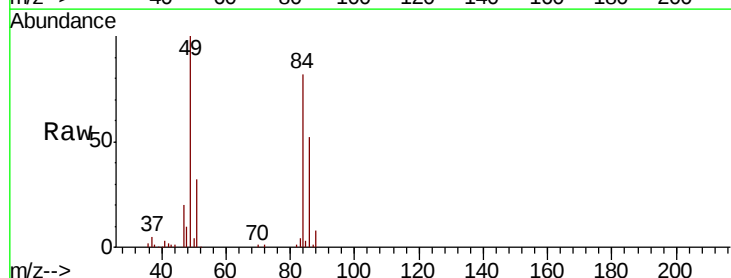
Ion Ratio Lower Upper

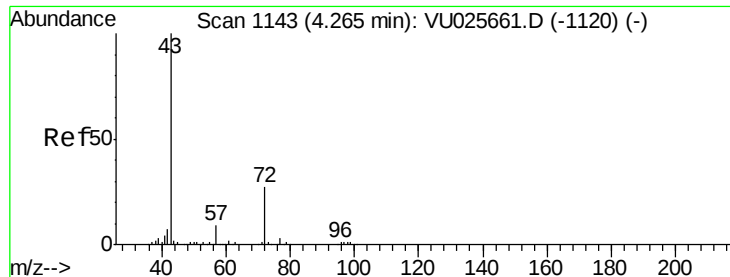
84 100

49 121.8 101.8 152.6

51 39.2 30.8 46.2

86 63.9 51.9 77.9

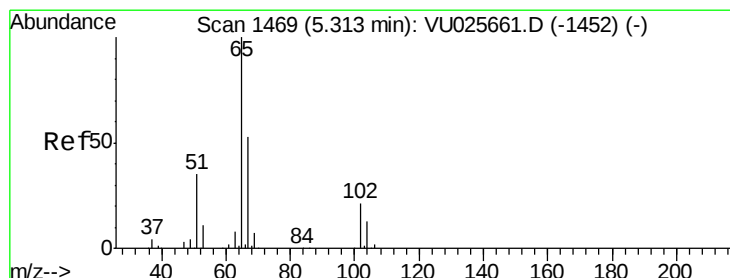
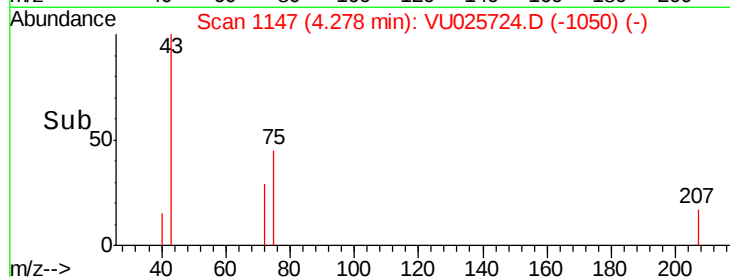
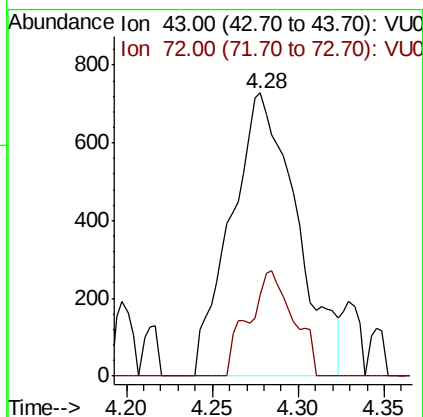
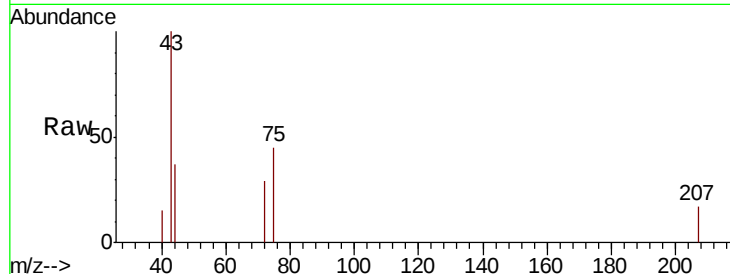




#25
2-Butanone
Concen: 1.10 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VU025724.D
Acq: 30 Jul 2018 15:51

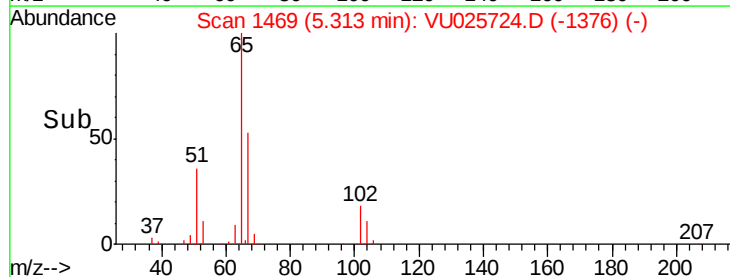
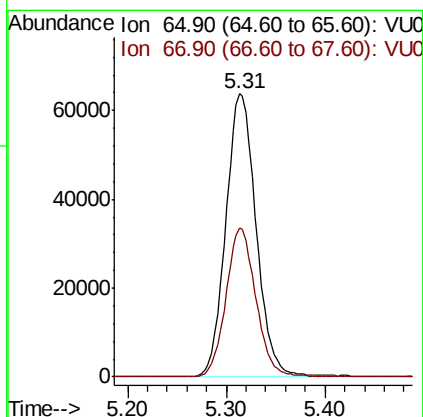
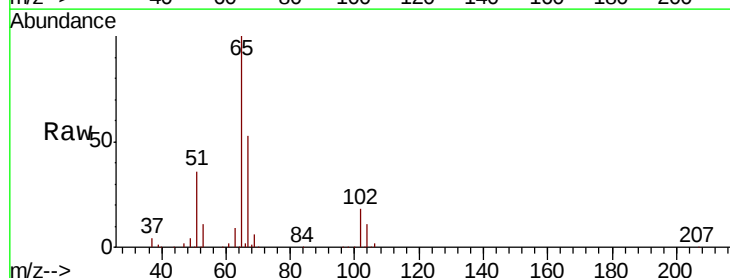
Instrument :
MSVOA_U
ClientSampleId :
SITE1-IDW-DRUM1-072518

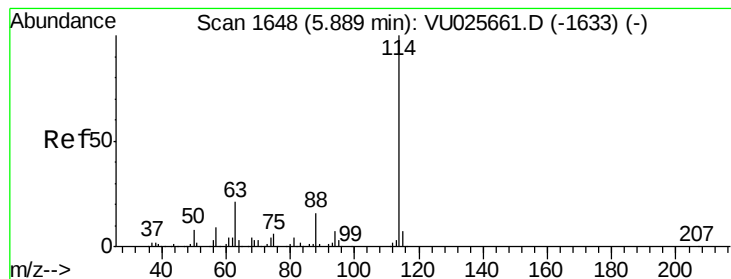
Tot Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
72 28.6 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 51.67 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025724.D
Acq: 30 Jul 2018 15:51

Tgt Ion: 65 Resp: 137125
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

SITE1-IDW-DRUM1-072518

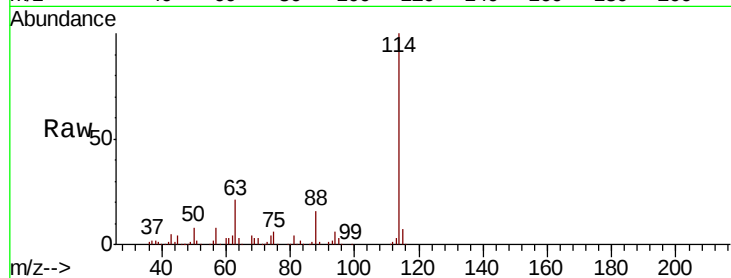
Tot Ion:114 Resp: 272557

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

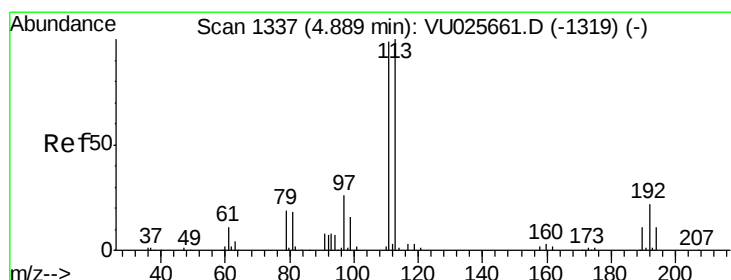
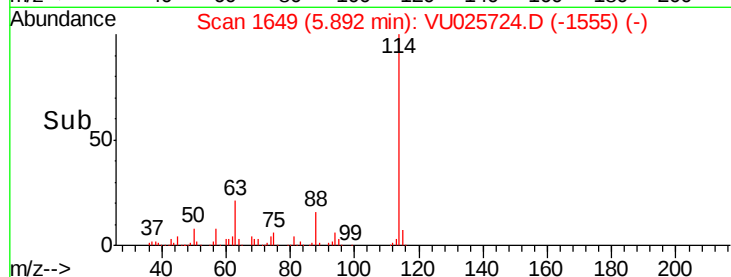
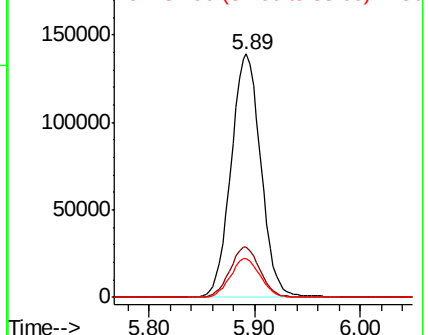
88 16.2 0.0 32.4



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: 48.14 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

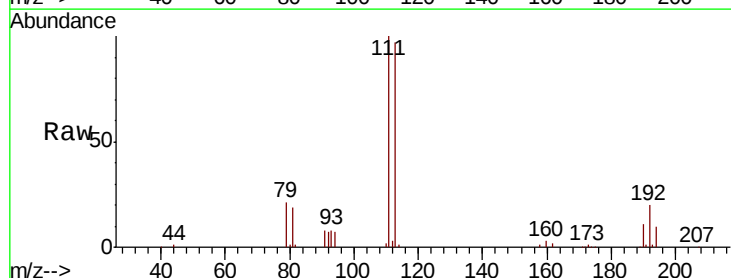
Tgt Ion:113 Resp: 114112

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

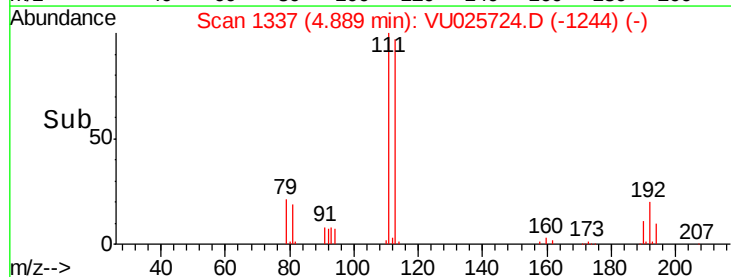
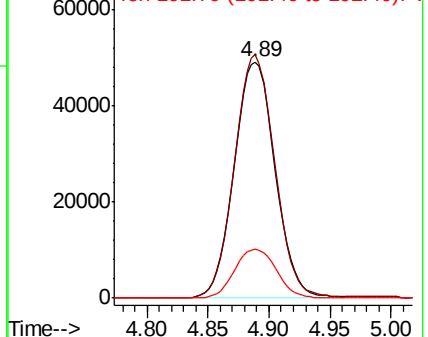
192 21.1 17.1 25.7

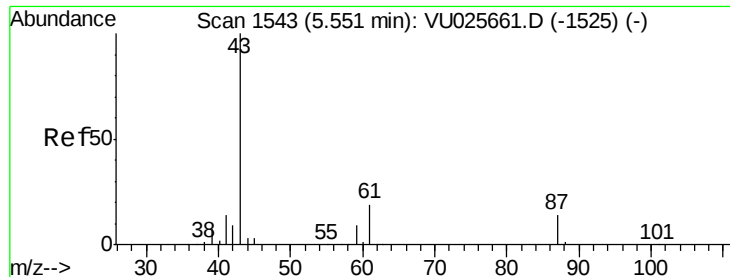


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



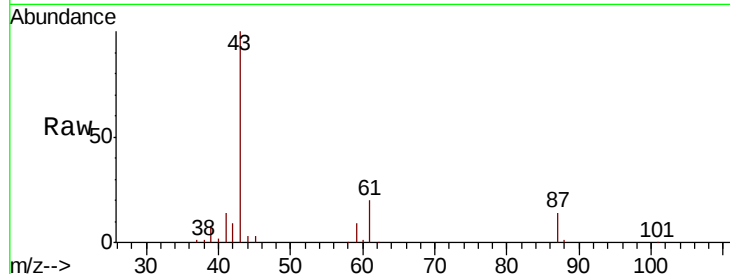


#43

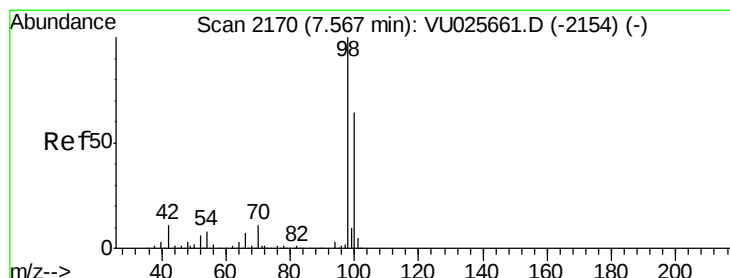
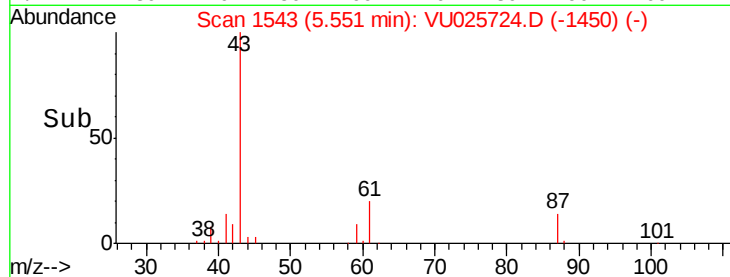
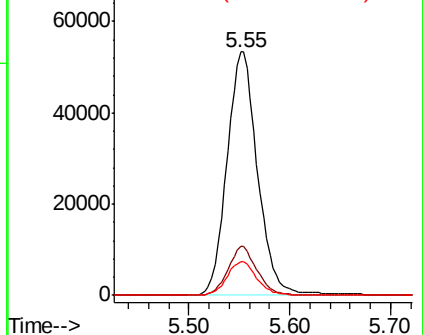
Isopropyl Acetate
 Concen: 20.65 ug/l
 RT: 5.55 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: VU025724.D
 Acq: 30 Jul 2018 15:51

Instrument :
 MSVOA_U
 ClientSampleId :
 SITE1-IDW-DRUM1-072518

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.5	23.3
87	13.5	10.6	16.0



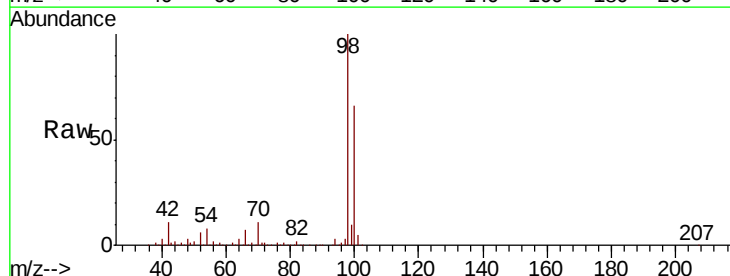
Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0



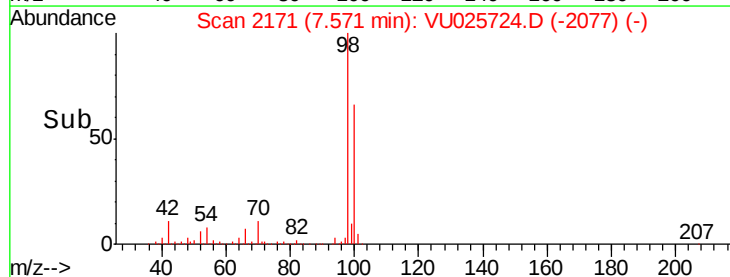
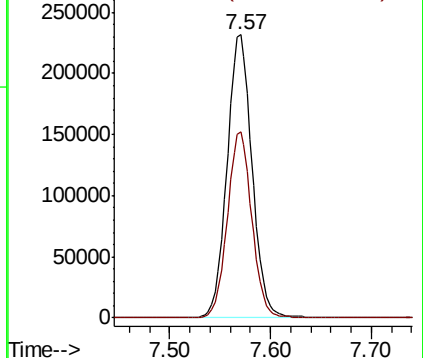
#50

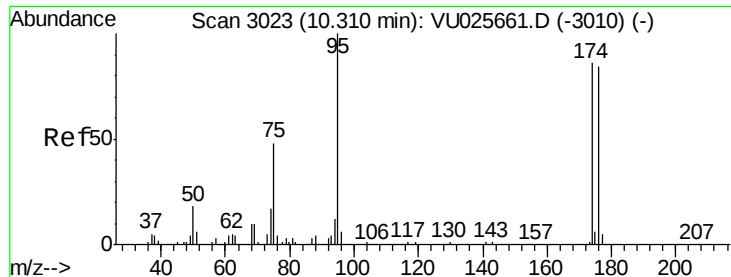
Toluene-d8
 Concen: 48.39 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025724.D
 Acq: 30 Jul 2018 15:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 48.46 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

SITE1-IDW-DRUM1-072518

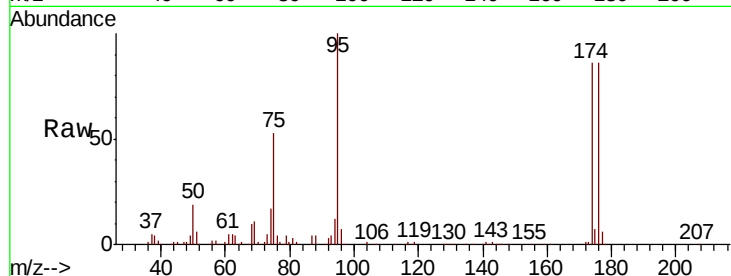
Tot Ion: 95 Resp: 156021

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.2

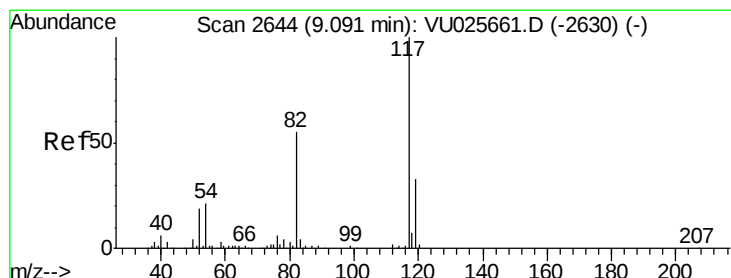
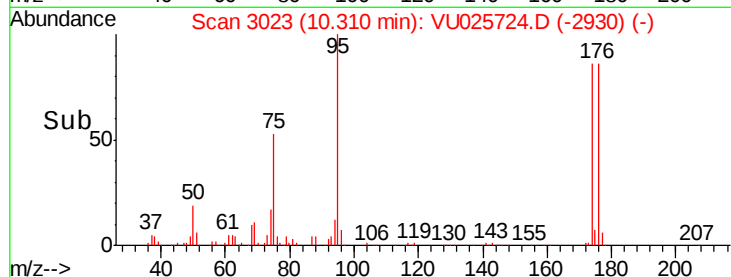
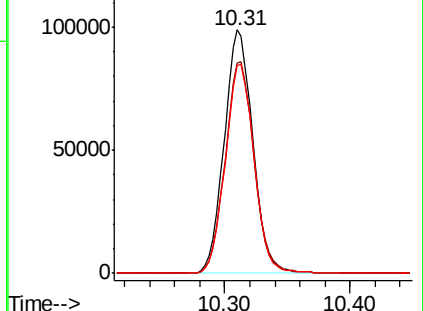
176 86.7 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

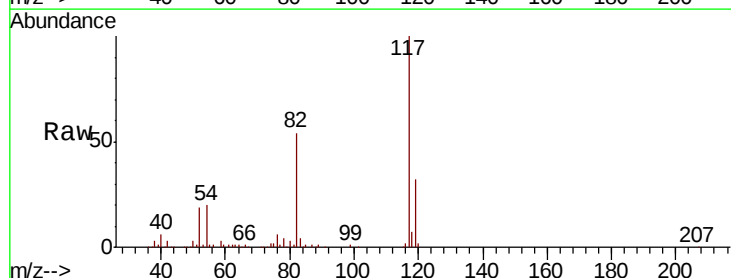
Tgt Ion: 117 Resp: 274489

Ion Ratio Lower Upper

117 100

82 54.3 46.0 69.0

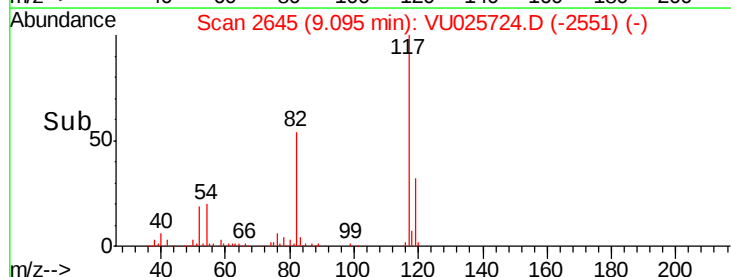
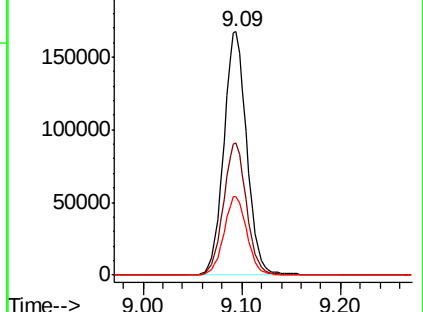
119 32.5 26.0 39.0

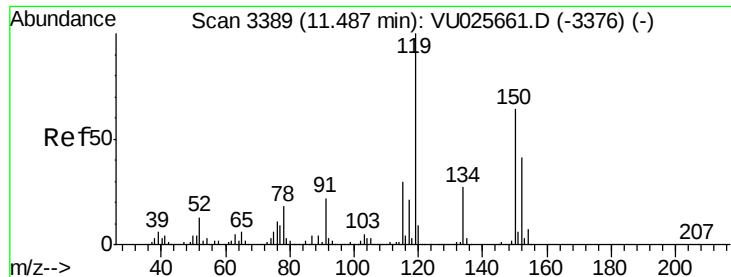


Abundance Ion 116.90 (116.60 to 117.60): VU025661.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU025661.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU025661.D (-2630) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

SITE1-IDW-DRUM1-072518

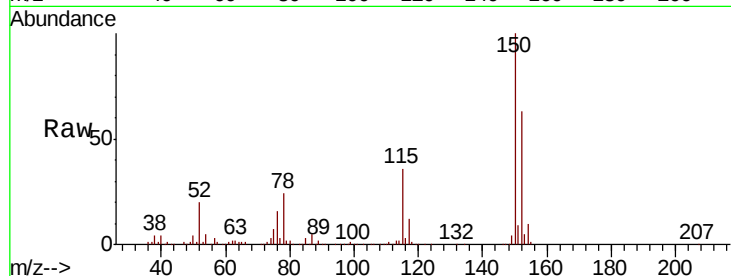
Tot Ion:152 Resp: 166065

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

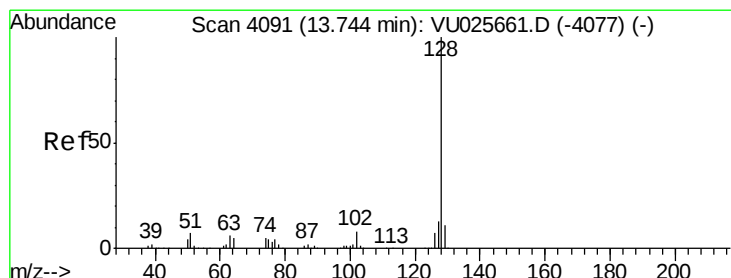
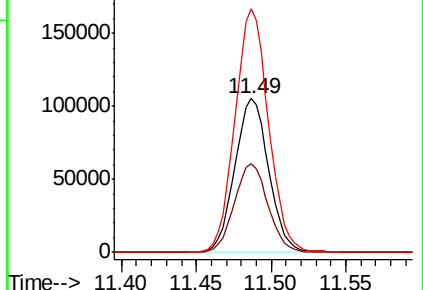
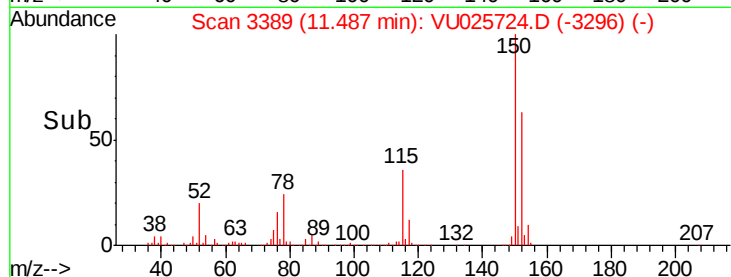
150 156.6 0.0 351.4



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: 1.42 ug/l

RT: 13.76 min Scan# 4095

Delta R.T. 0.01 min

Lab File: VU025724.D

Acq: 30 Jul 2018 15:51

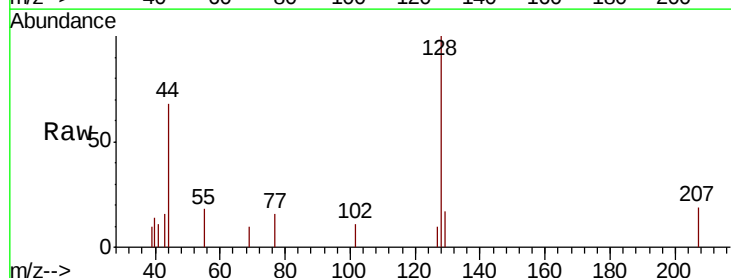
Tgt Ion:128 Resp: 2150

Ion Ratio Lower Upper

128 100

127 7.7 10.5 15.7#

129 9.4 8.3 12.5



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

