

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024171.D
 Acq On : 27 May 2018 01:59
 Operator : MD/SY
 Sample : J3092-04 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 28 02:21:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293188	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	94951	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76545	34.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.68%
7) Chloroethane-d5	1.68	69	69553	39.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.27	63	111824	26.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.94%#
21) 2-Butanone-d5	4.18	46	174597	98.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.53%
24) Chloroform-d	4.65	84	170811	42.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.54%
26) 1,2-Dichloroethane-d4	5.31	65	113799	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
32) Benzene-d6	5.35	84	314336	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
36) 1,2-Dichloropropane-d6	6.34	67	118471	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.00%
41) Toluene-d8	7.57	98	270714	38.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.90%#
43) trans-1,3-Dichloropropene-	7.85	79	39903	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
47) 2-Hexanone-d5	8.31	63	118727	95.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172991	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.87	152	102762	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

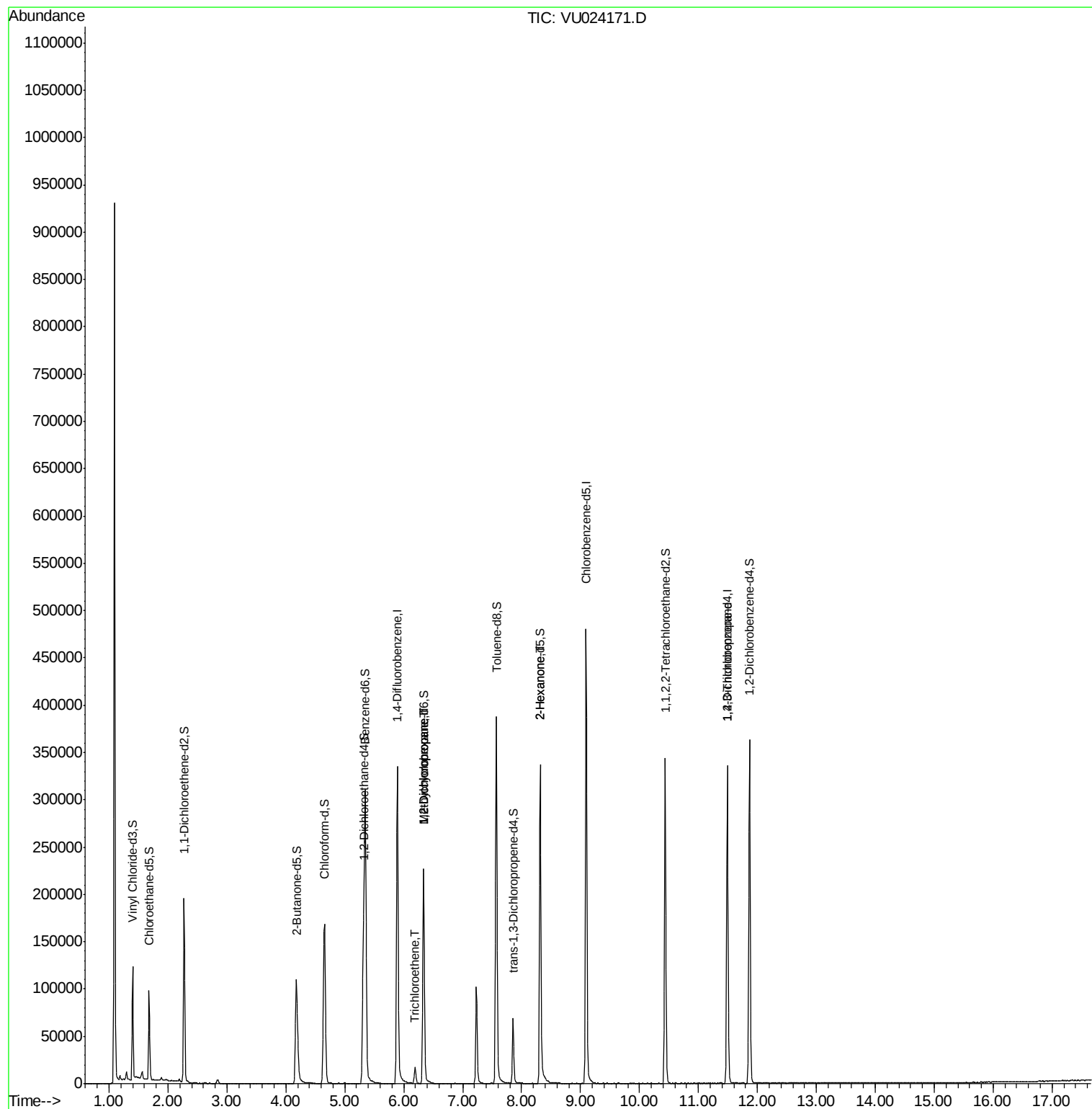
Target Compounds

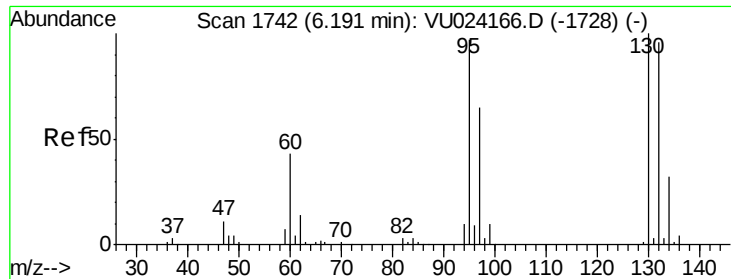
					Qvalue
34) Trichloroethene	6.19	95	6168	2.40 ug/L	91
35) Methylcyclohexane	6.34	83	26205	7.38 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	12322	4.81 ug/L #	89
48) 2-Hexanone	8.31	43	13515	4.93 ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	11087	3.46 ug/L	92

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

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#34

Trichloroethene

Concen: 2.40 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024171.D

Acq: 27 May 2018 01:59

Tgt Ion: 95 Resp: 6168

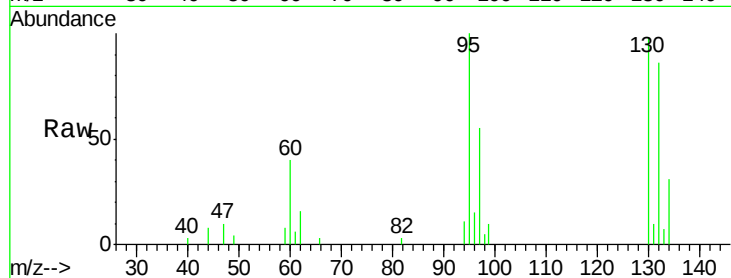
Ion Ratio Lower Upper

95 100

97 54.8 44.5 82.7

132 85.7 69.0 128.2

130 97.6 70.6 131.0

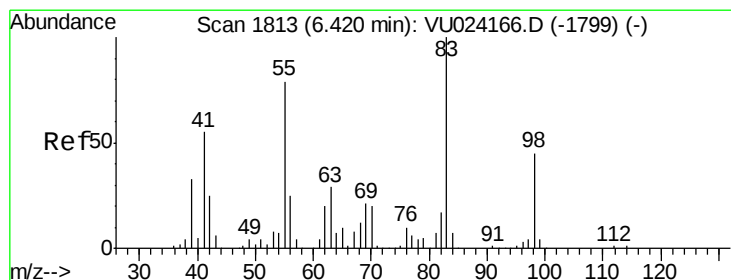
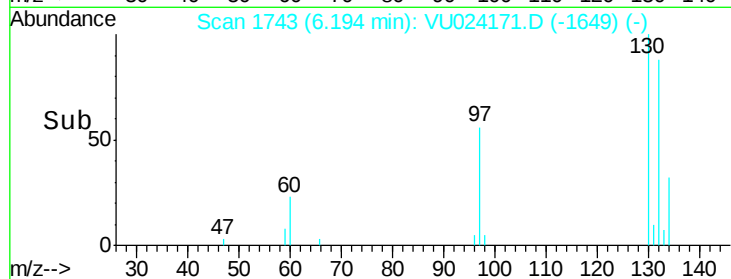
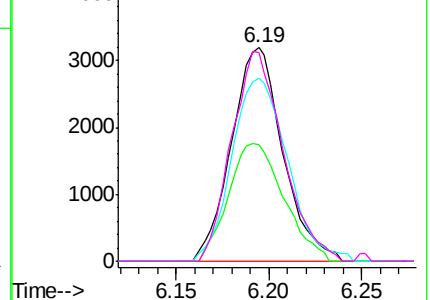


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.38 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU024171.D

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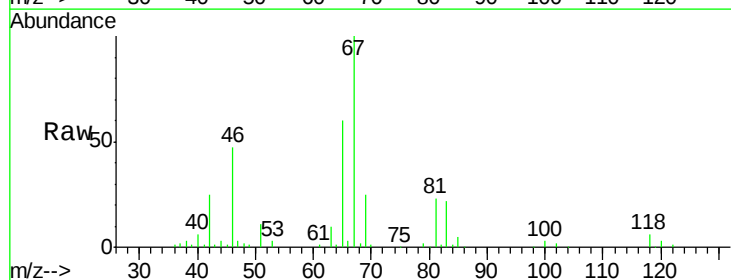
Tgt Ion: 83 Resp: 26205

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

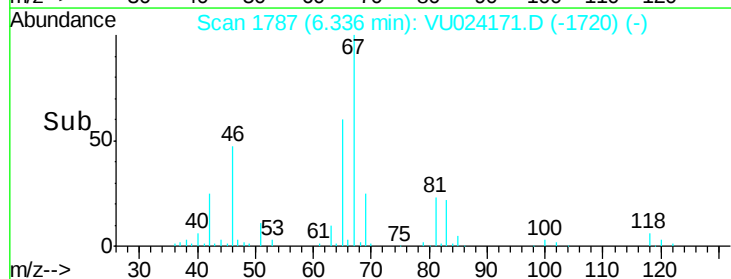
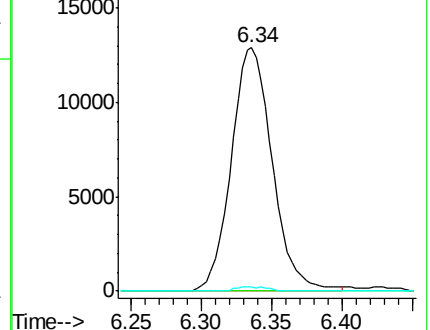
98 0.8 35.8 53.8#

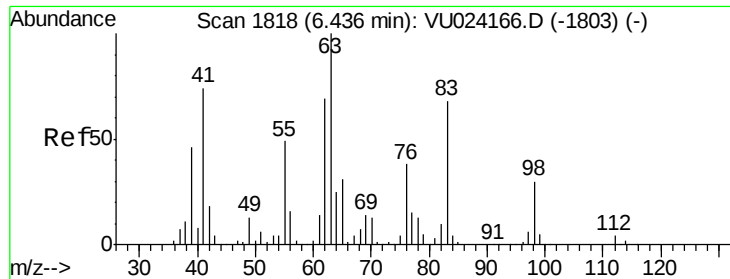


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

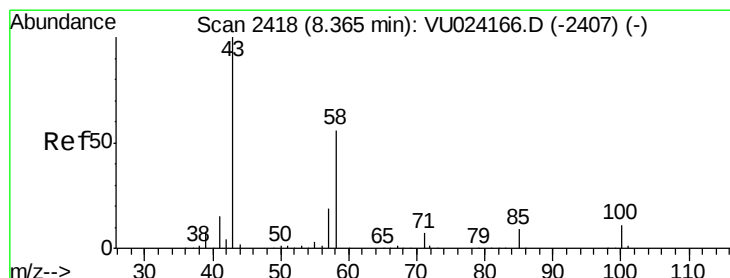
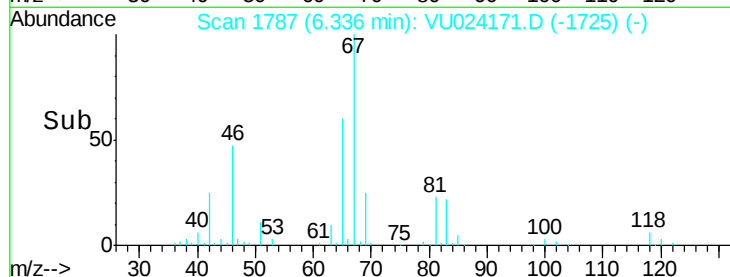
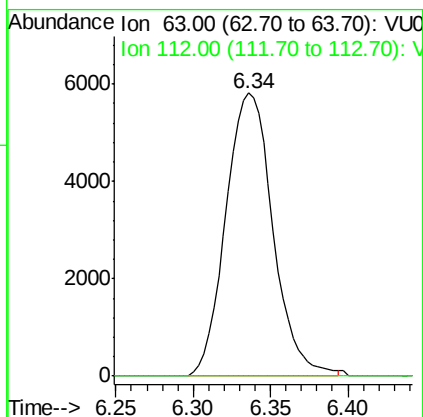
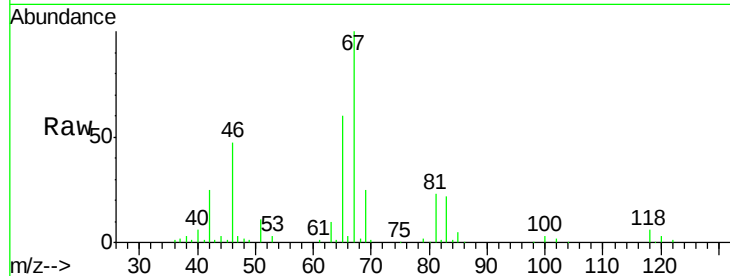
Ion 98.00 (97.70 to 98.70): VU0





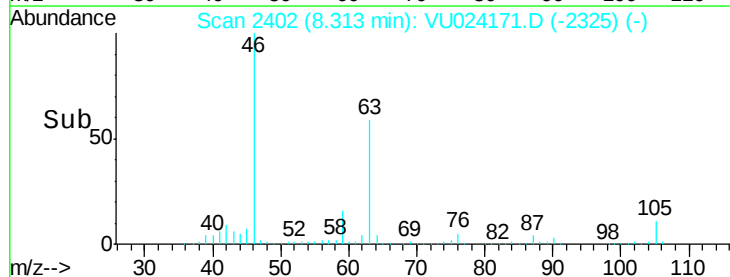
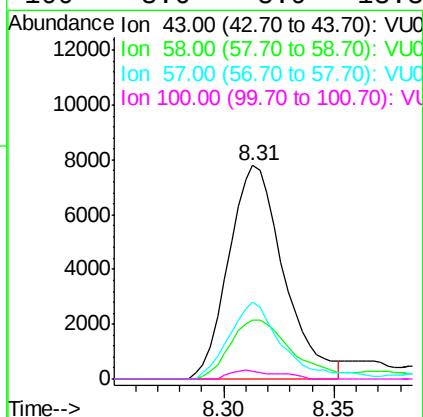
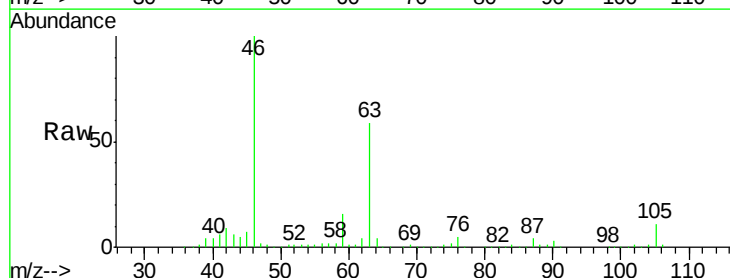
#37
 1,2-Dichloropropane
 Concen: 4.81 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024171.D
 Acq: 27 May 2018 01:59

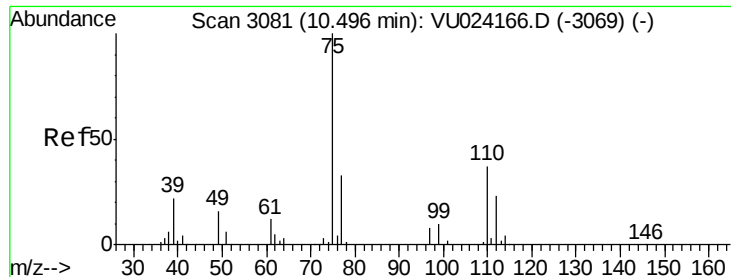
Tgt Ion: 63 Resp: 12322
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 4.93 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU024171.D
 Acq: 27 May 2018 01:59

Tgt Ion: 43 Resp: 13515
 Ion Ratio Lower Upper
 43 100
 58 30.8 44.6 67.0#
 57 33.7 15.3 22.9#
 100 3.6 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 3.46 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024171.D

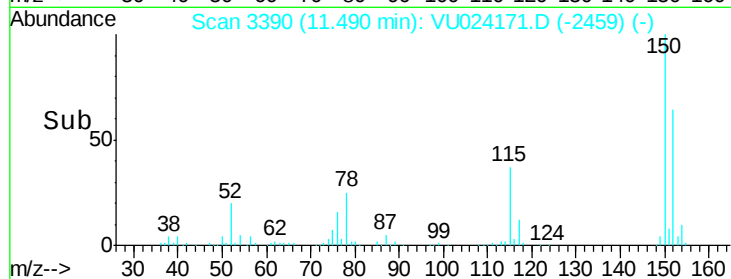
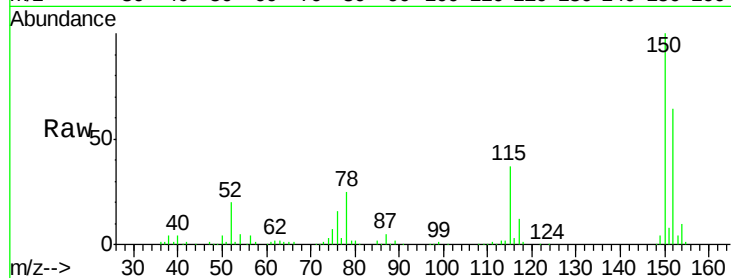
Acq: 27 May 2018 01:59

Tgt Ion: 75 Resp: 11087

Ion Ratio Lower Upper

75 100

77 36.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

