

Data File : VV006094.D
Acq On : 27 May 2018 19:09
Operator : SY/MD
Sample : J3090-18 40X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 28 00:49:01 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252844	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95271	50.00	ug/L	0.00

System Monitoring Compounds

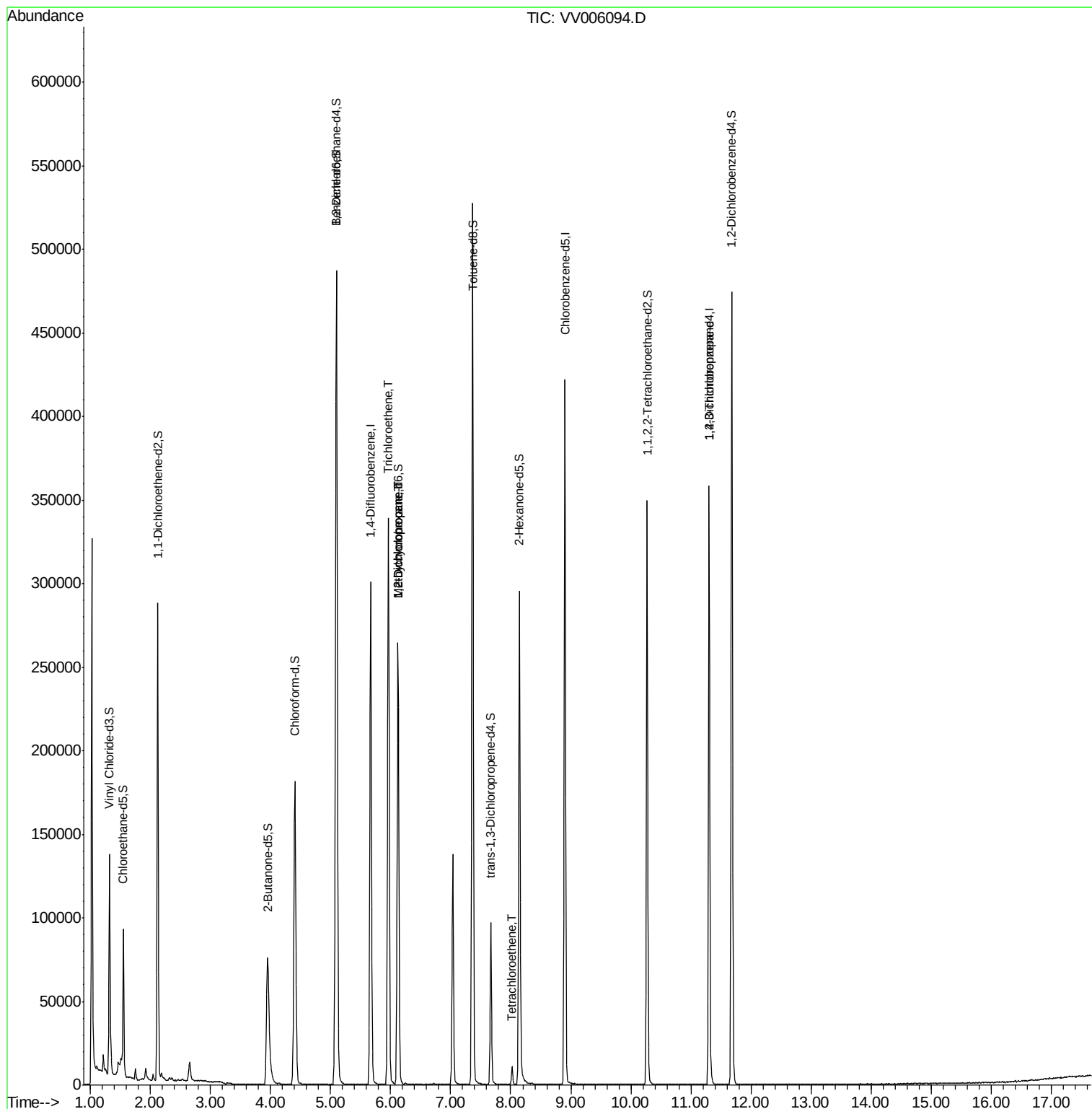
4) Vinyl Chloride-d3	1.32	65	104659	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.02%
7) Chloroethane-d5	1.55	69	40769	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.04%
11) 1,1-Dichloroethene-d2	2.12	63	148074	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.18%
21) 2-Butanone-d5	3.95	46	122493	114.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.70%
24) Chloroform-d	4.41	84	181627	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.09	65	124085	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.10	84	384367	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
36) 1,2-Dichloropropane-d6	6.12	67	127383	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.06%
41) Toluene-d8	7.37	98	341809	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	51759	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.24%
47) 2-Hexanone-d5	8.14	63	99882	104.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	167970	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	129192	54.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.28%

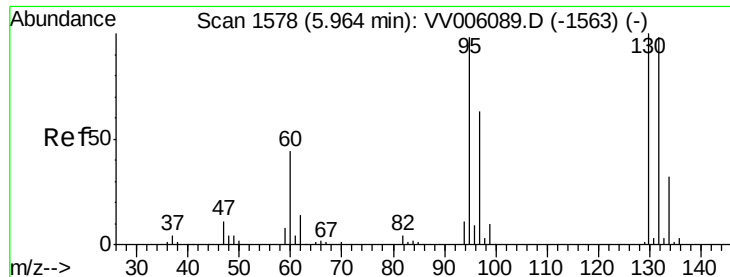
Target Compounds						Qvalue
34) Trichloroethene	5.96	95	116420	64.20	ug/L	99
35) Methylcyclohexane	6.12	83	28779	9.80	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13180	6.69	ug/L #	88
46) Tetrachloroethene	8.02	164	2400	1.59	ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	10509	4.28	ug/L	91

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

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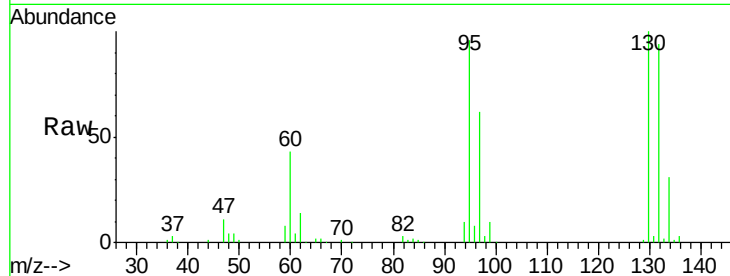
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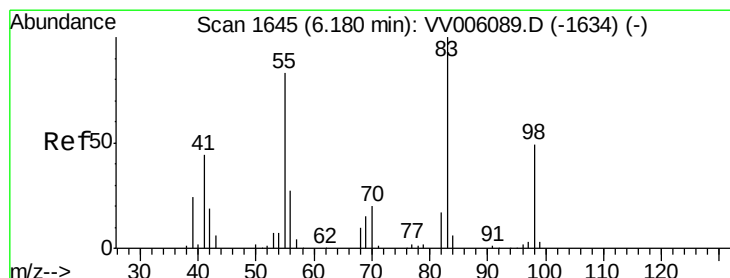
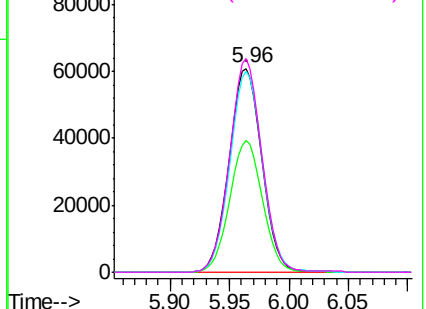
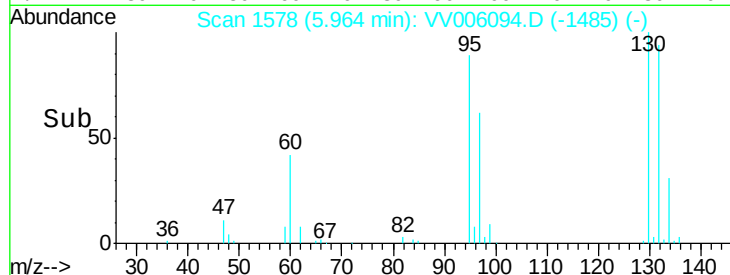


#34
 Trichloroethene
 Concen: 64.20 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
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Tgt Ion: 95 Resp: 116420
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.4 84.4
 132 98.3 69.0 128.2
 130 104.6 71.2 132.2

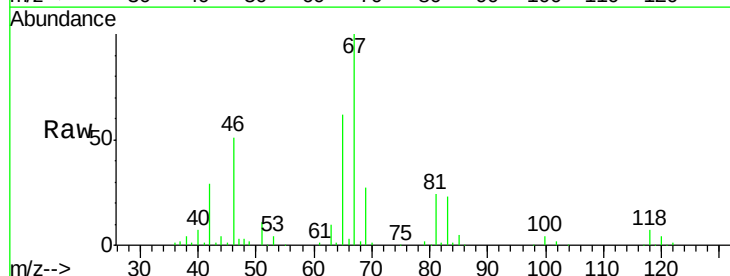


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

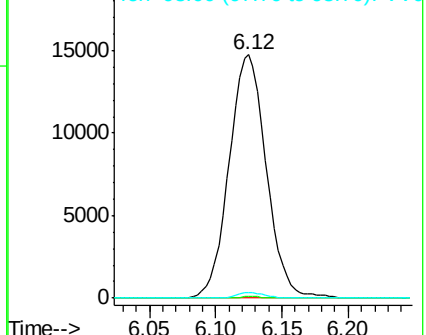
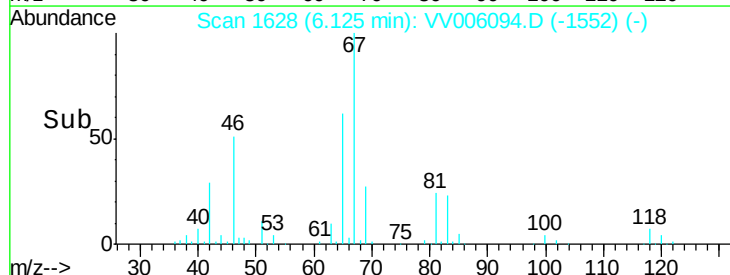


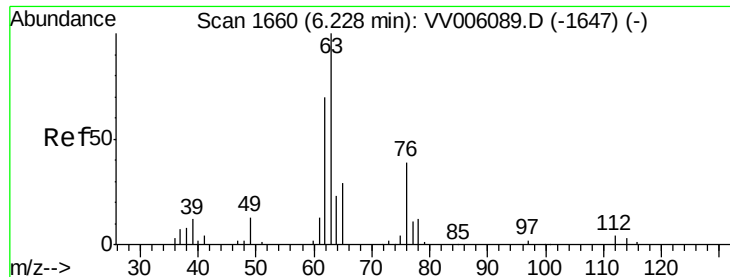
#35
 Methylcyclohexane
 Concen: 9.80 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006094.D
 Acq: 27 May 2018 19:09

Tgt Ion: 83 Resp: 28779
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.8 94.2#
 98 0.0 37.5 56.3#



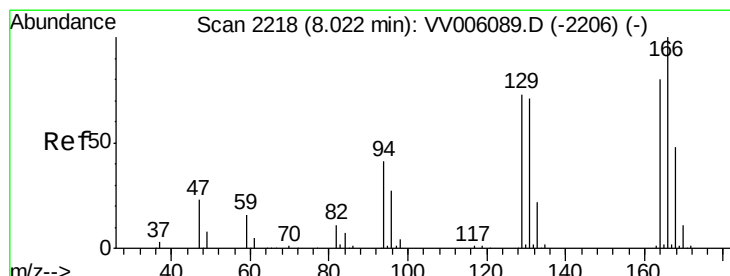
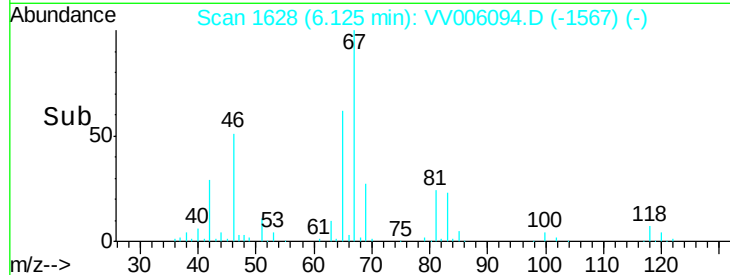
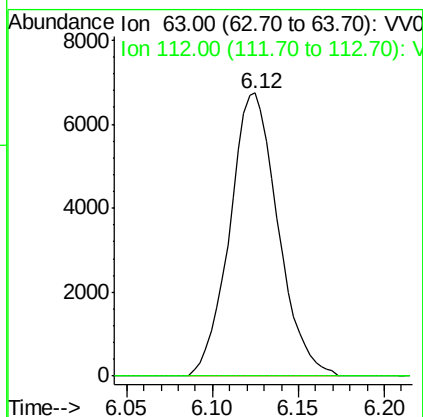
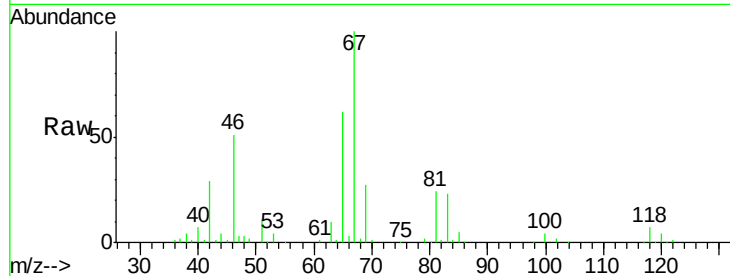
Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





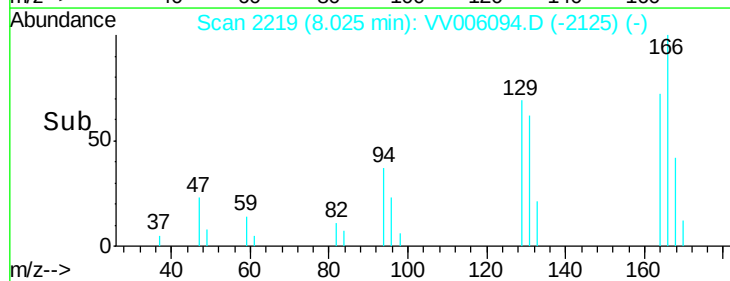
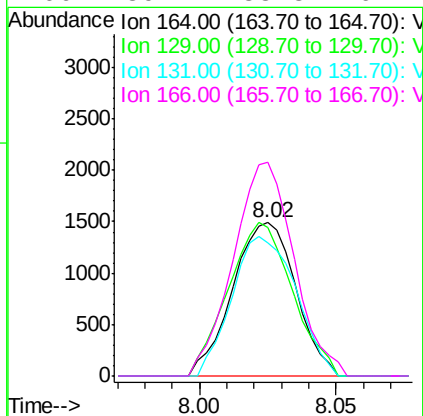
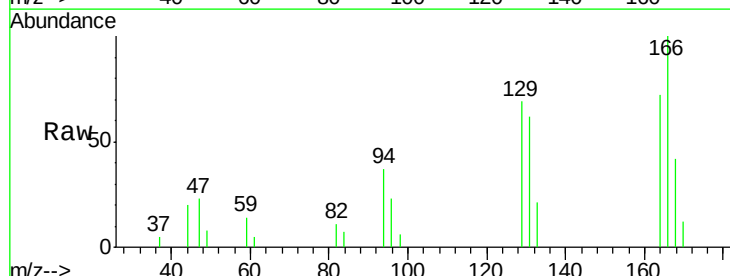
#37
 1,2-Dichloropropane
 Concen: 6.69 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006094.D
 Acq: 27 May 2018 19:09

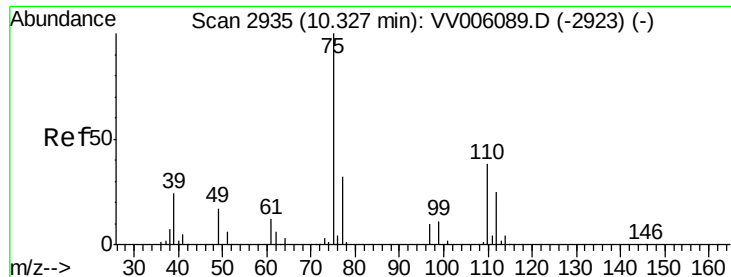
Tgt Ion: 63 Resp: 13180
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 1.59 ug/L
 RT: 8.02 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV006094.D
 Acq: 27 May 2018 19:09

Tgt Ion: 164 Resp: 2400
 Ion Ratio Lower Upper
 164 100
 129 96.5 63.9 118.7
 131 86.5 61.6 114.4
 166 139.2 88.3 164.1





#59

1,2,3-Trichloropropane

Concen: 4.28 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006094.D

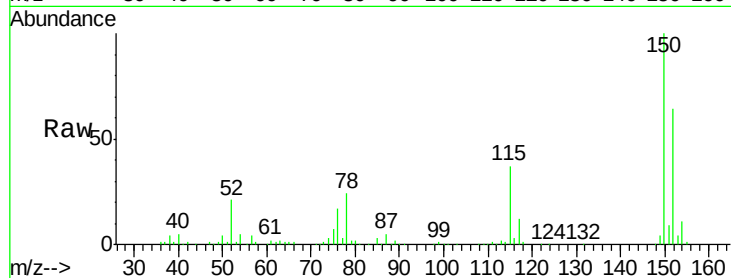
Acq: 27 May 2018 19:09

Tgt Ion: 75 Resp: 10509

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

