

Data File : VU034848.D
Acq On : 26 Sep 2019 17:36
Operator : JC/SP
Sample : K5007-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK32

Quant Time: Sep 27 05:13:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	107375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	101283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	49651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35058	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.67	69	29230	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.26	63	53323	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.17	46	94351	44.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.84%
24) Chloroform-d	4.62	84	53544	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.29	65	29692	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.31	84	112444	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.31	67	38734	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.54	98	105689	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.83	79	13734	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.30	63	70173	42.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	28057	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	37013	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

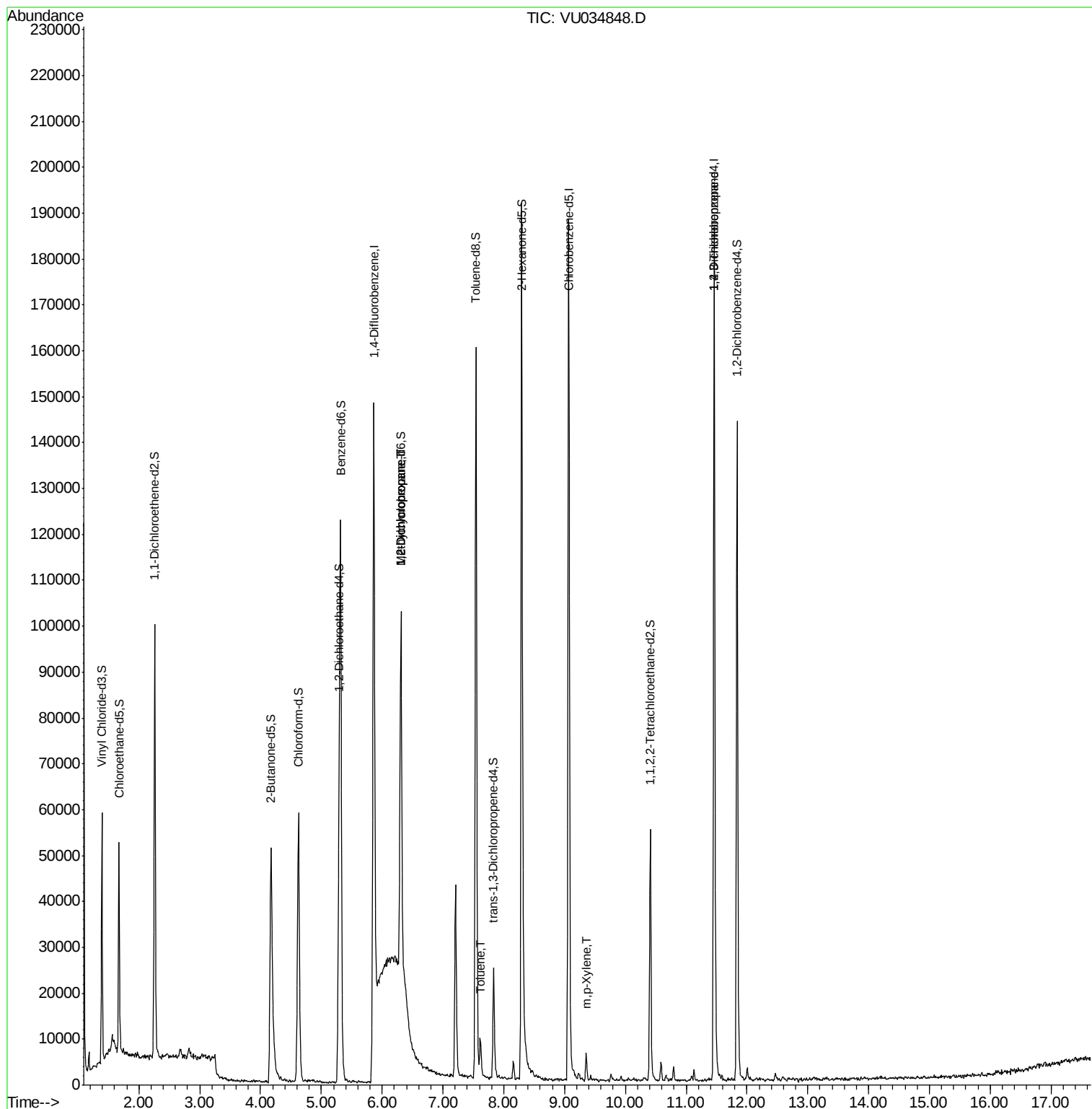
					Qvalue
35) Methylcyclohexane	6.31	83	8144	0.739 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	4157	0.492 ug/L #	92
42) Toluene	7.62	91	6247	0.211 ug/L	94
53) m,p-Xylene	9.35	106	1693	0.140 ug/L	88
59) 1,2,3-Trichloropropane	11.46	75	7127	1.290 ug/L	99

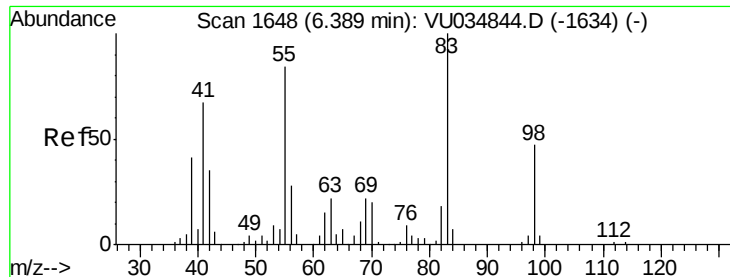
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

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MSVOA_U

ClientSampleId :

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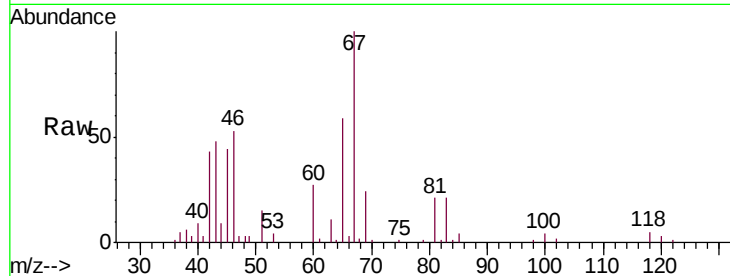
Tgt Ion: 83 Resp: 8144

Ion Ratio Lower Upper

83 100

55 0.5 66.8 100.2#

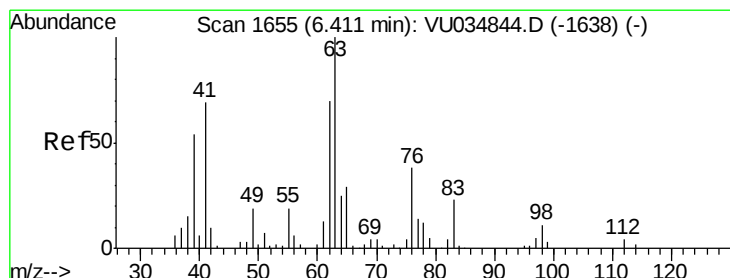
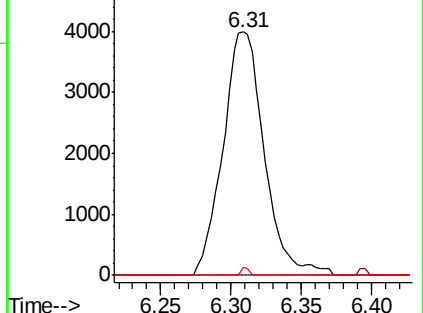
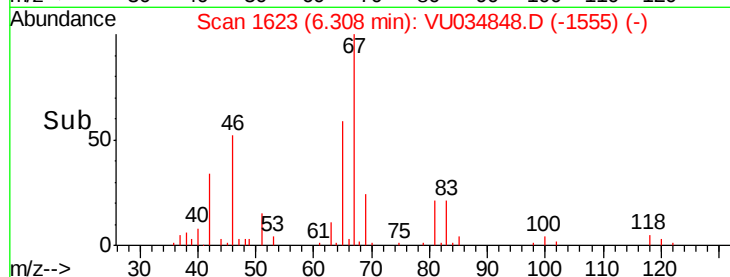
98 0.6 35.4 53.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.11 min

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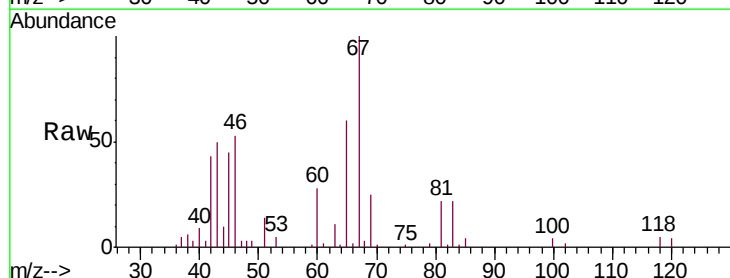
Acq: 26 Sep 2019 17:36

Tgt Ion: 63 Resp: 4157

Ion Ratio Lower Upper

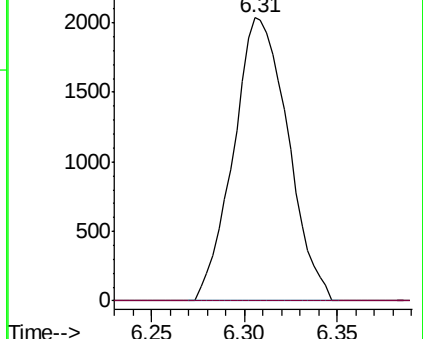
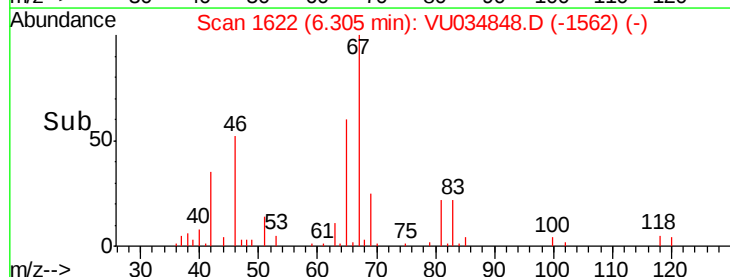
63 100

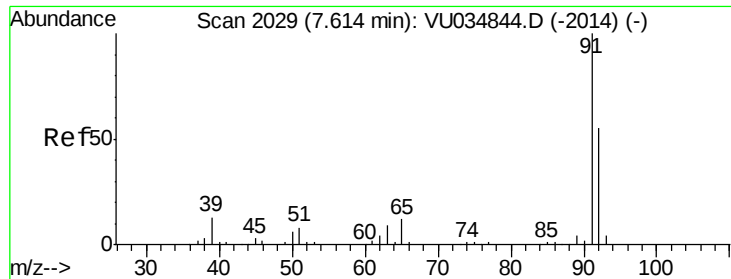
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.211 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

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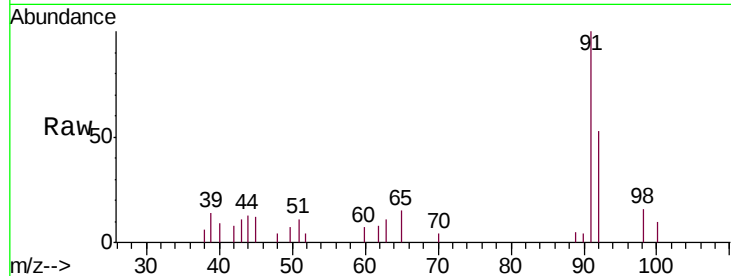
CWK32

Tgt Ion: 91 Resp: 6247

Ion Ratio Lower Upper

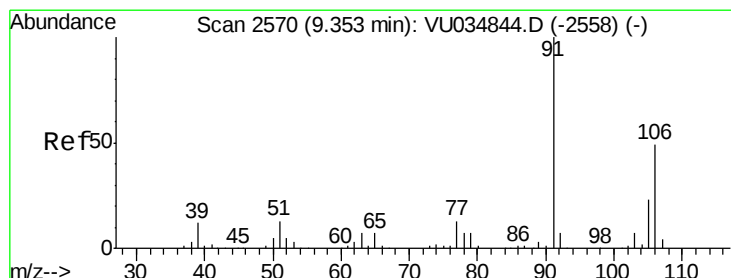
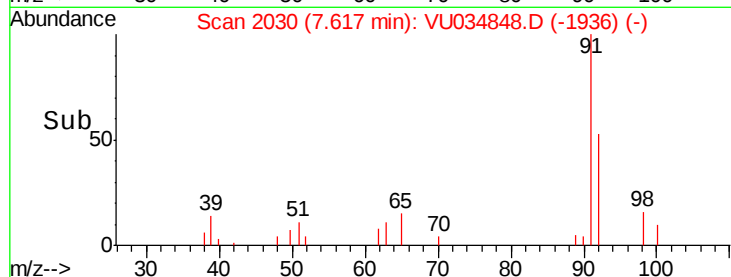
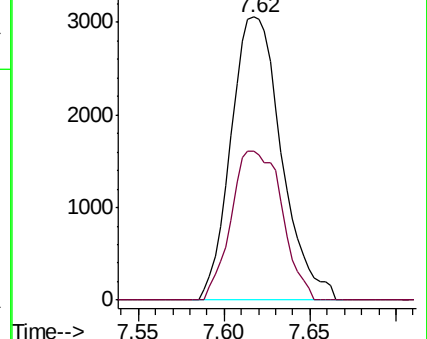
91 100

92 52.5 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#53

m,p-Xylene

Concen: 0.140 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

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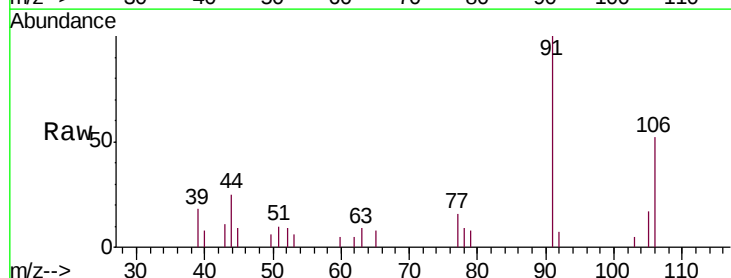
Acq: 26 Sep 2019 17:36

Tgt Ion:106 Resp: 1693

Ion Ratio Lower Upper

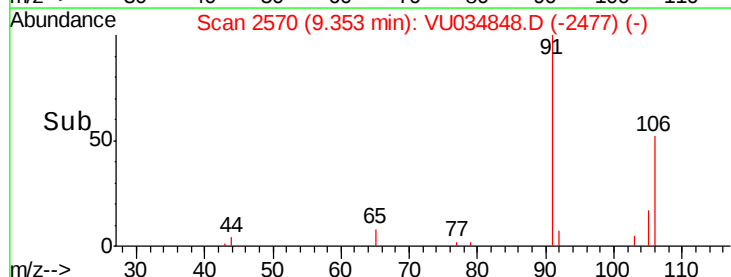
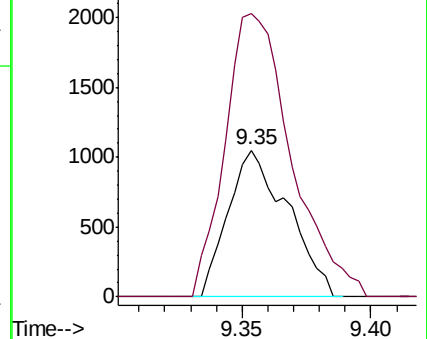
106 100

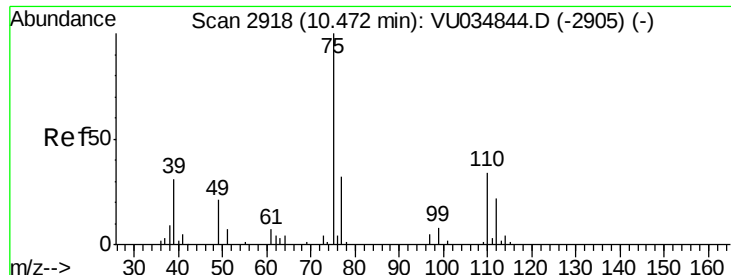
91 192.9 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.290 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

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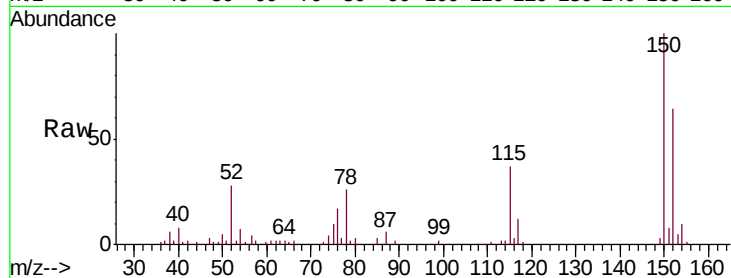
CWK32

Tgt Ion: 75 Resp: 7127

Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

