

Data File : VU037315.D
Acq On : 17 Mar 2020 14:35
Operator : JC/MD
Sample : L1901-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONF3

Quant Time: Mar 18 02:39:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	413644	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	398686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124476	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.76%
7) Chloroethane-d5	1.93	69	114774	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.94%
11) 1,1-Dichloroethene-d2	2.59	63	185010	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.67	46	256801	101.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	5.10	84	289471	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.74	65	208001	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.76	84	522445	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	172348	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.93	98	484442	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	8.20	79	90244	46.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.30%
47) 2-Hexanone-d5	8.66	63	184624	99.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	261087	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	178578	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%

Target Compounds

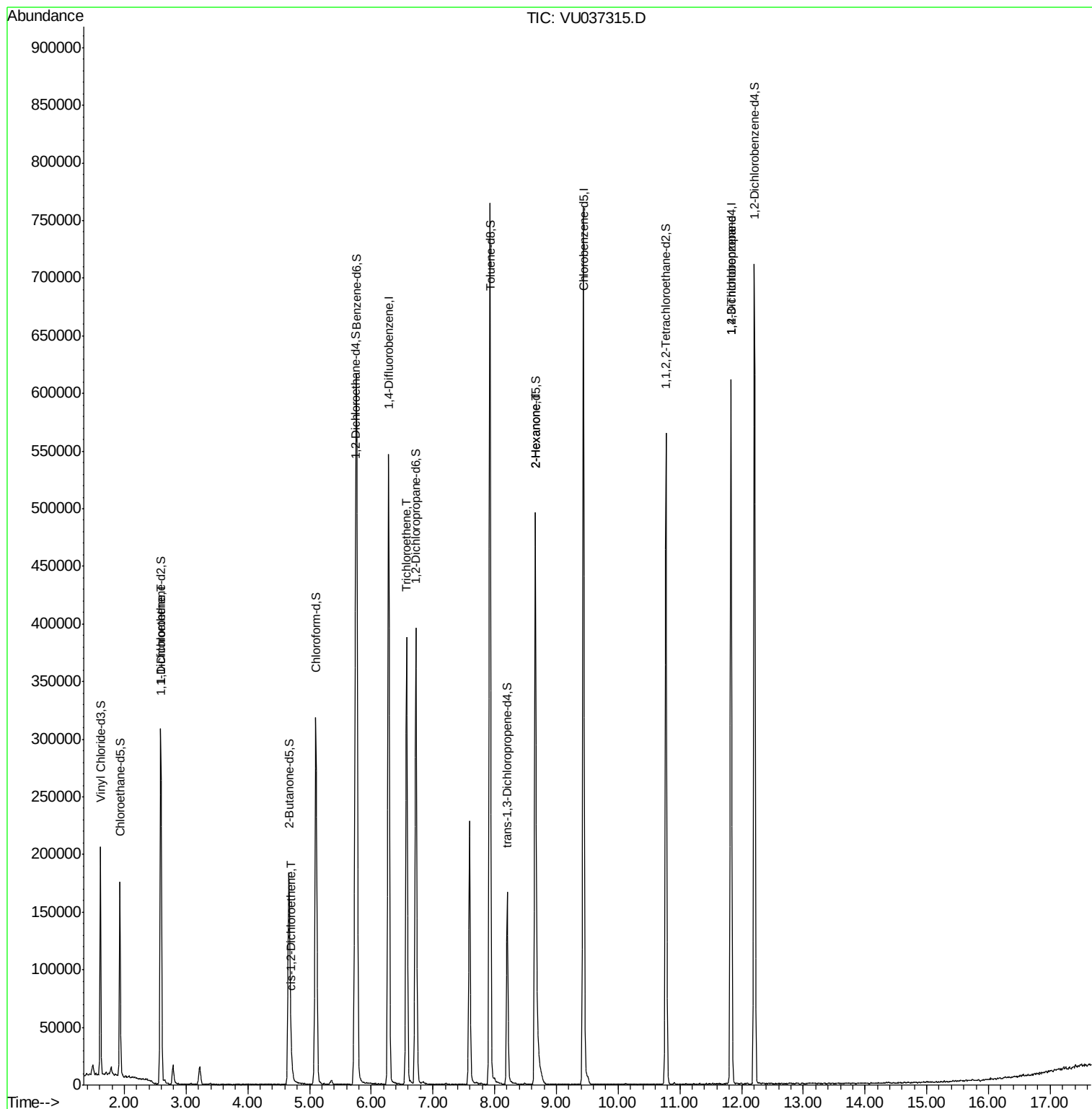
					Qvalue
12) 1,1-Dichloroethene	2.60	96	4677	1.916 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	5757	1.861 ug/L	91
34) Trichloroethene	6.57	95	124271	40.696 ug/L	95
48) 2-Hexanone	8.66	43	23351	5.449 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	21612	4.654 ug/L #	87

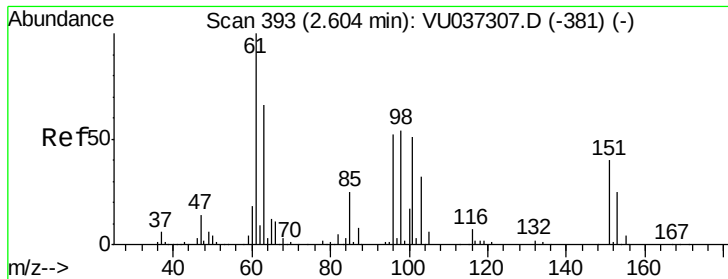
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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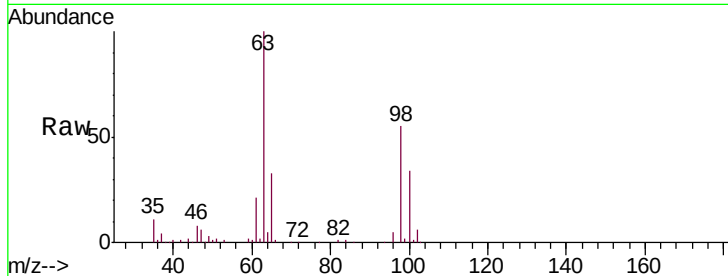




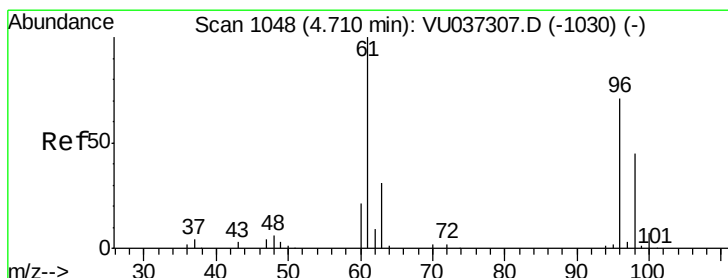
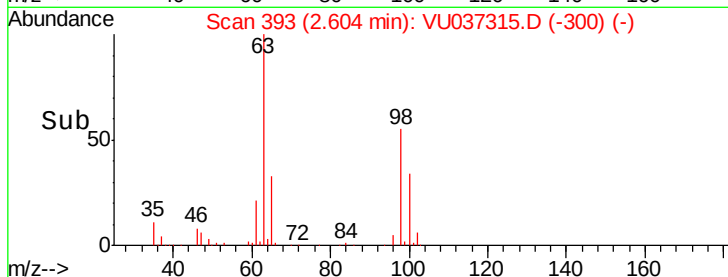
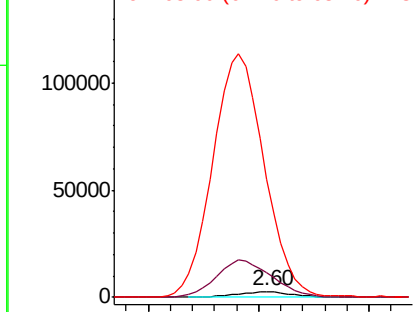
#12
 1,1-Dichloroethene
 Concen: 1.916 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037315.D
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Instrument :
 MSVOA_U
 ClientSampled :
 CONF3

Tgt Ion: 96 Resp: 4677
 Ion Ratio Lower Upper
 96 100
 61 441.3 138.8 257.8#
 63 2118.1 106.4 197.6#

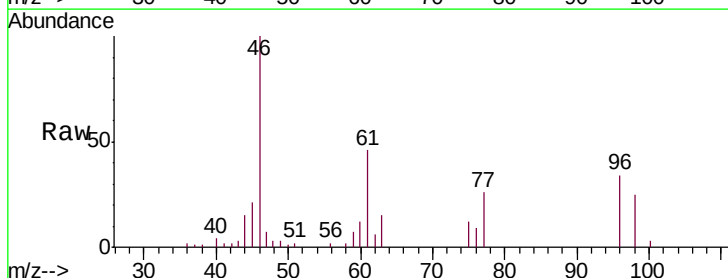


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

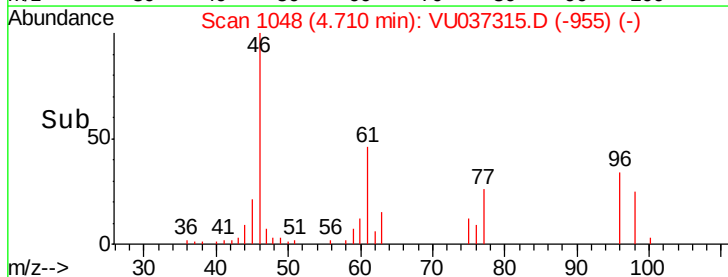
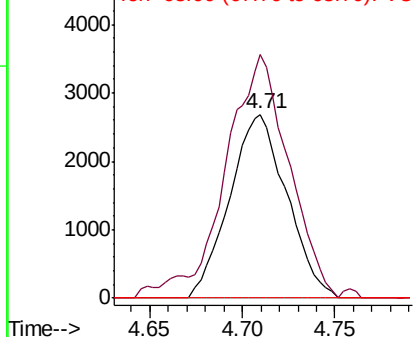


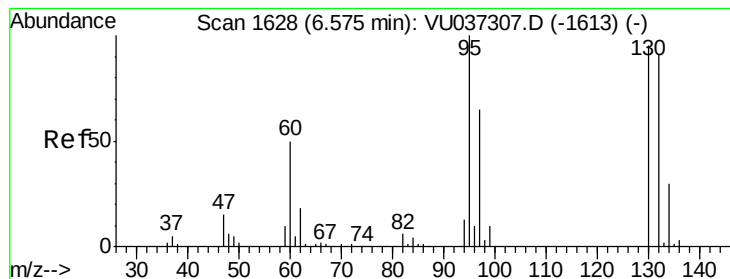
#20
 cis-1,2-Dichloroethene
 Concen: 1.861 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU037315.D
 Acq: 17 Mar 2020 14:35

Tgt Ion: 96 Resp: 5757
 Ion Ratio Lower Upper
 96 100
 61 132.7 101.2 187.8
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 40.696 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037315.D

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Instrument :

MSVOA_U

ClientSampleId :

CONF3

Tgt Ion: 95 Resp: 124271

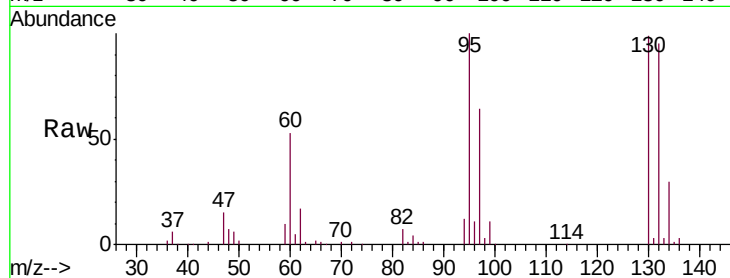
Ion Ratio Lower Upper

95 100

97 64.2 43.8 81.4

132 95.1 62.6 116.3

130 98.7 64.8 120.4

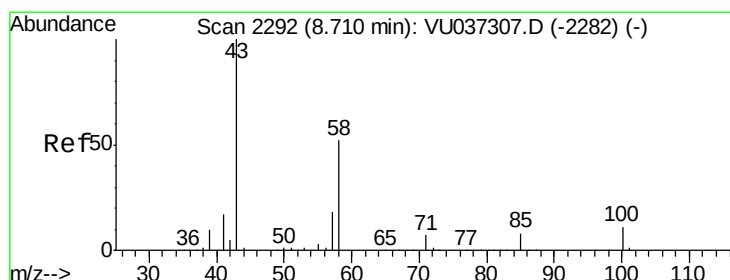
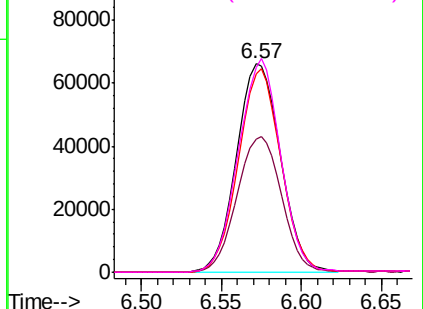
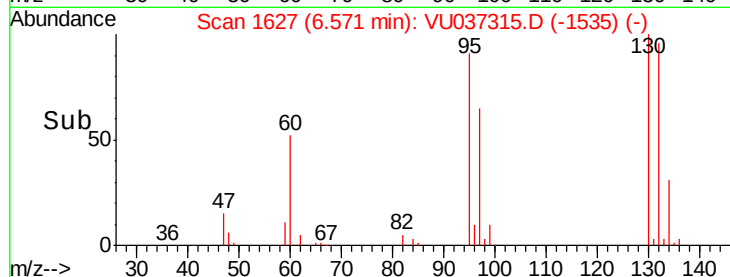


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#48

2-Hexanone

Concen: 5.449 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 23351

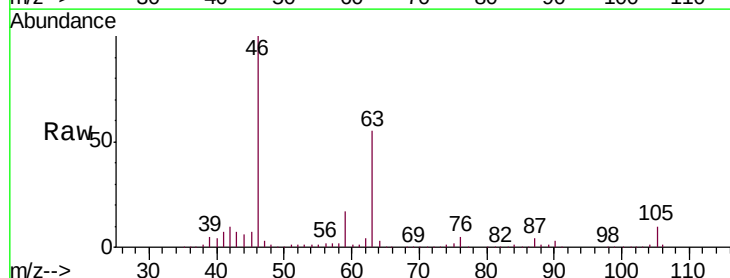
Ion Ratio Lower Upper

43 100

58 22.3 39.8 59.6#

57 24.9 14.5 21.7#

100 0.2 7.9 11.9#

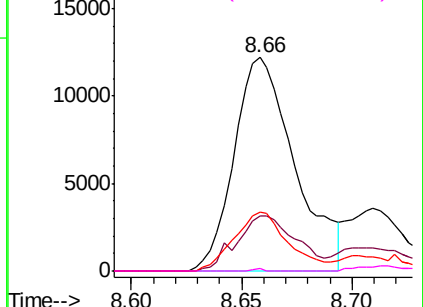
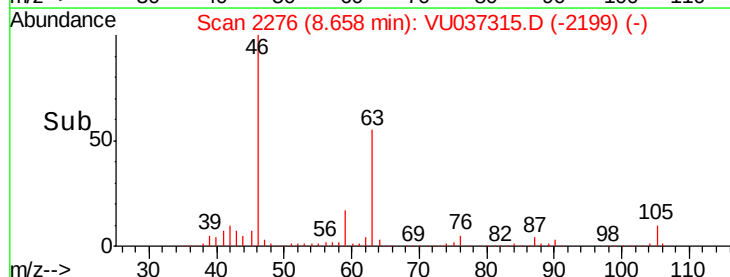


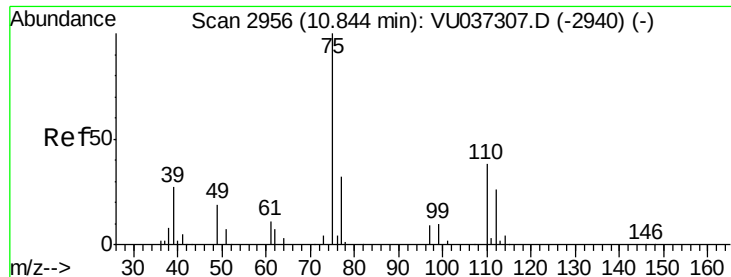
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.654 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

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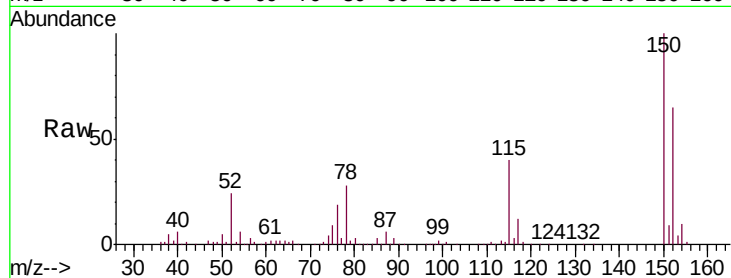
CONF3

Tgt Ion: 75 Resp: 21612

Ion Ratio Lower Upper

75 100

77 38.7 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

