

Data File : VU039824.D
Acq On : 10 Aug 2020 14:56
Operator : SY/MD
Sample : L3572-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4L14

Quant Time: Aug 11 01:22:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 09:26:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22305	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.92	69	22296	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	33651	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.65	46	70601	37.58	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.16%
24) Chloroform-d	5.08	84	40577	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.72	65	25885	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.74	84	87212	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	26753	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.91	98	70460	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	9598	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.64	63	49916	37.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23243	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29359	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

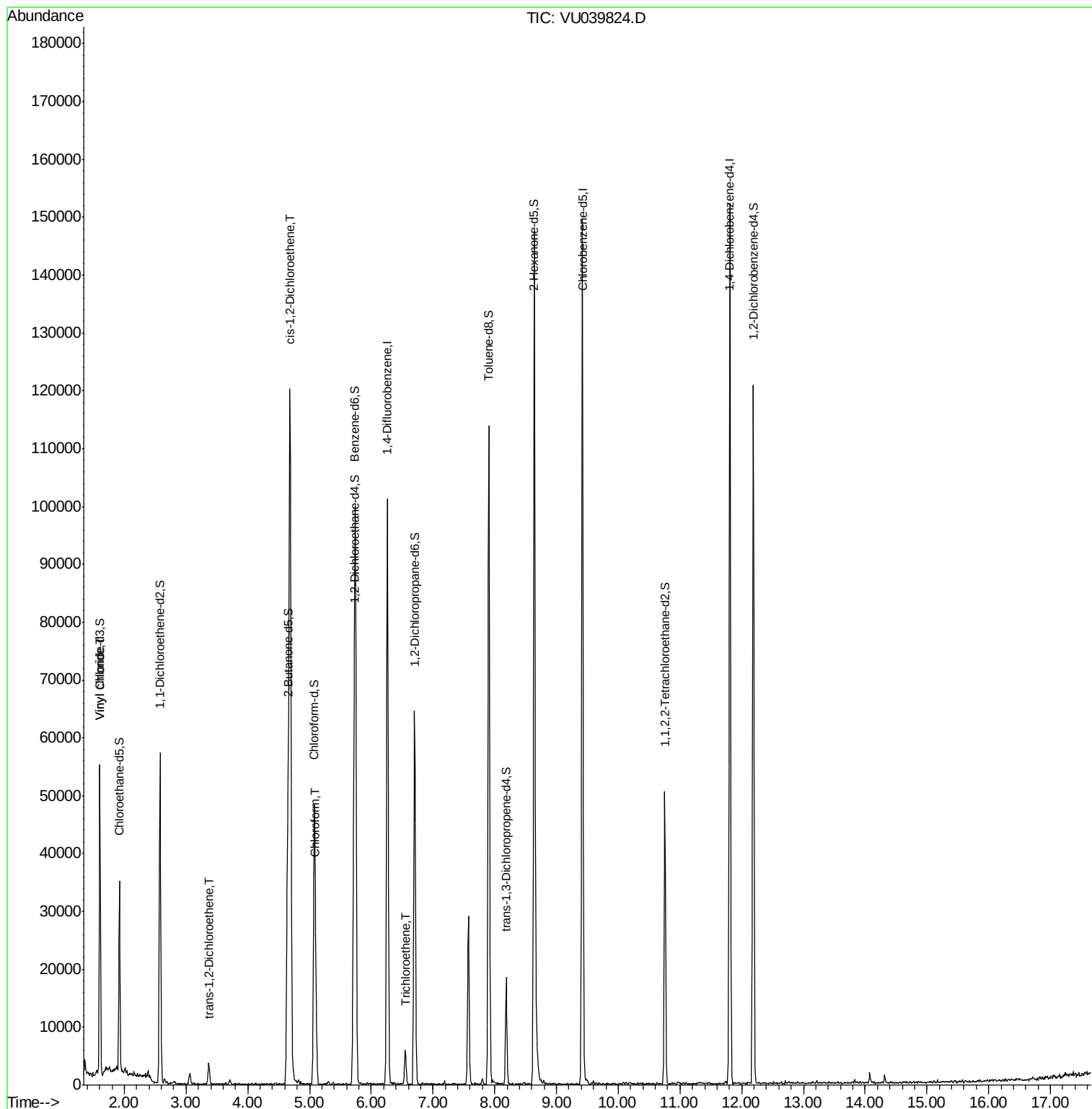
					Qvalue
5) Vinyl chloride	1.61	62	13664	2.124 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	1445	0.275 ug/L #	78
22) cis-1,2-Dichloroethene	4.68	96	56781	9.937 ug/L	98
25) Chloroform	5.11	83	5763	0.553 ug/L	93
34) Trichloroethene	6.56	95	1916	0.347 ug/L	93

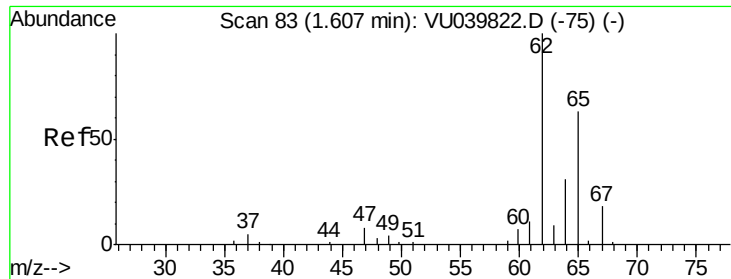
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.124 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

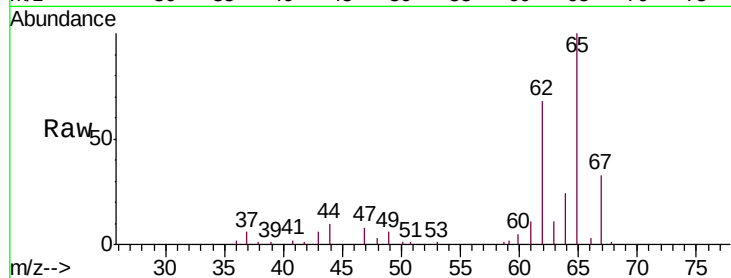
F4L14

Tgt Ion: 62 Resp: 13664

Ion Ratio Lower Upper

62 100

64 34.8 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039822.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039822.D (-75) (-)

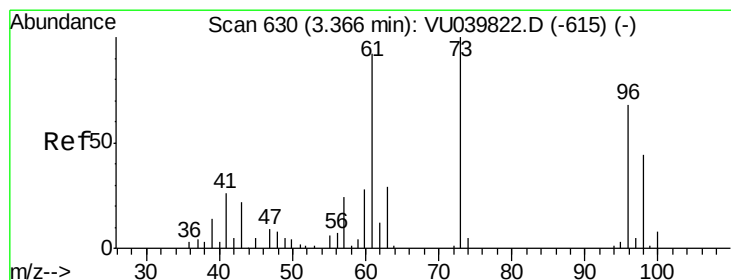
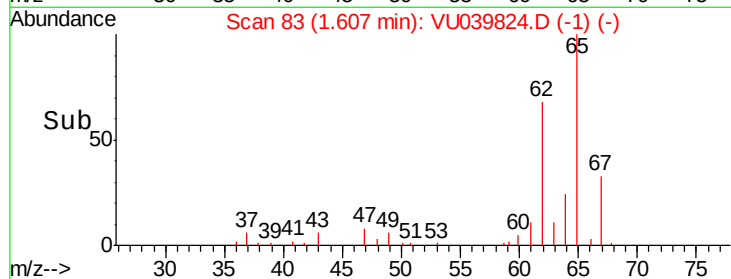
1.61

10000

5000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.275 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

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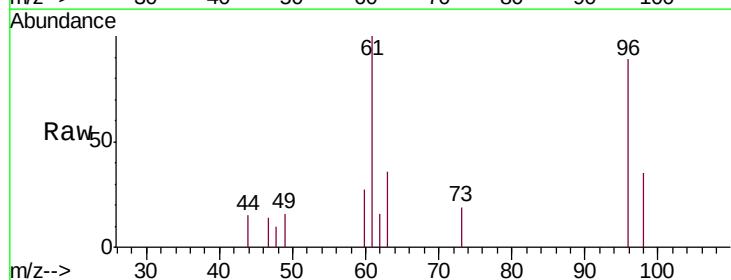
Tgt Ion: 96 Resp: 1445

Ion Ratio Lower Upper

96 100

61 113.0 96.5 179.1

98 39.2 40.9 76.0#



Abundance Ion 96.00 (95.70 to 96.70): VU039822.D (-615) (-)

Ion 61.05 (60.75 to 61.75): VU039822.D (-615) (-)

Ion 97.95 (97.65 to 98.65): VU039822.D (-615) (-)

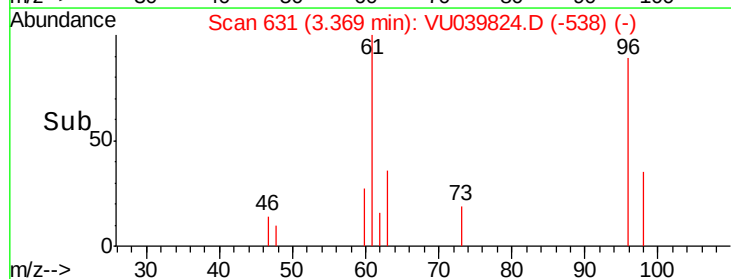
3.37

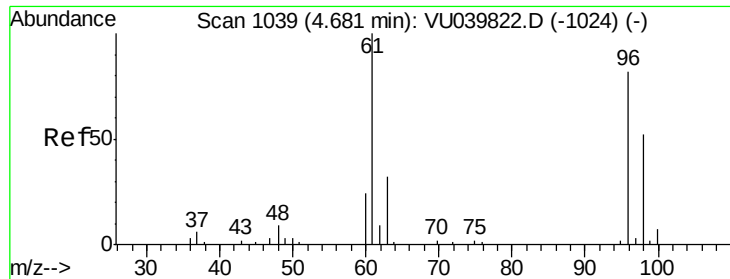
1000

500

0

Time-->

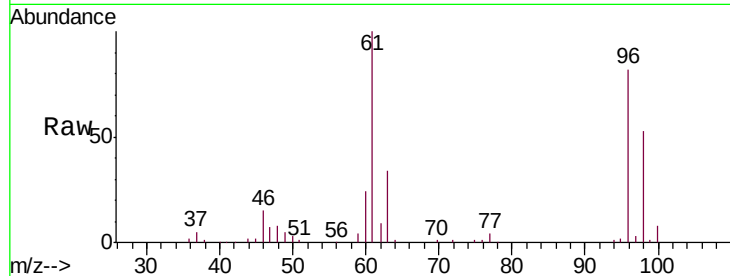




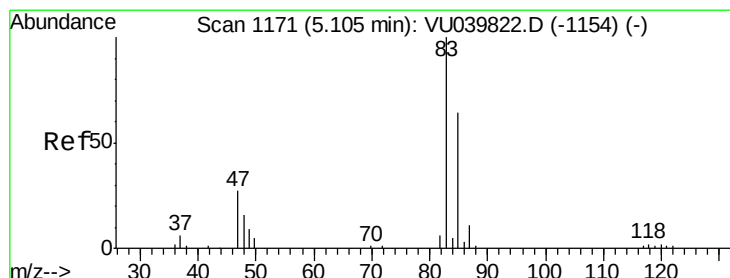
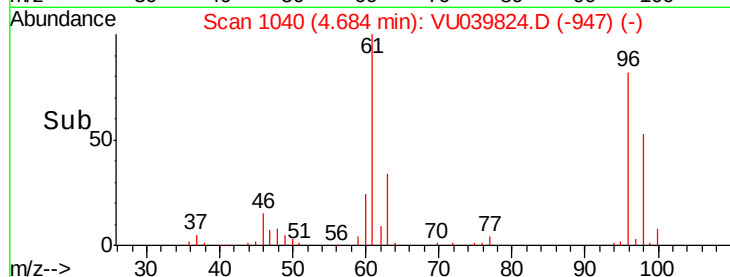
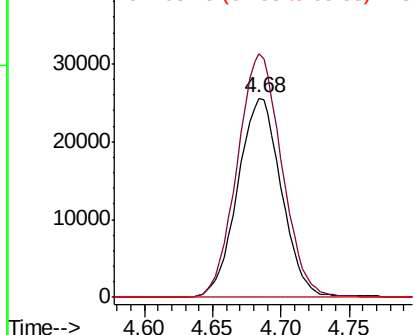
#22
 cis-1,2-Dichloroethene
 Concen: 9.937 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039824.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 F4L14

Tgt Ion: 96 Resp: 56781
 Ion Ratio Lower Upper
 96 100
 61 122.1 87.4 162.2
 68 0.0 0.0 0.0

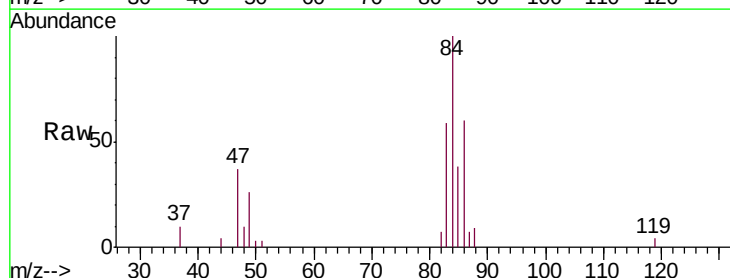


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

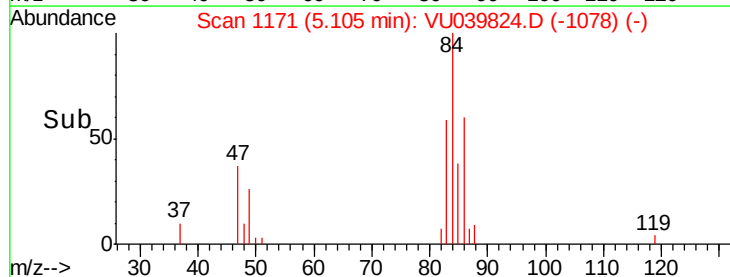
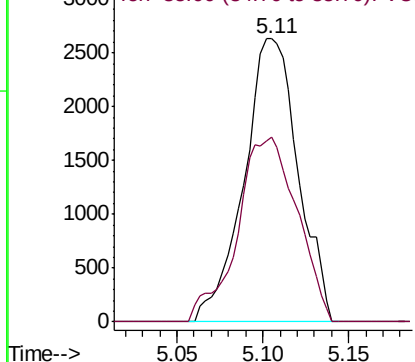


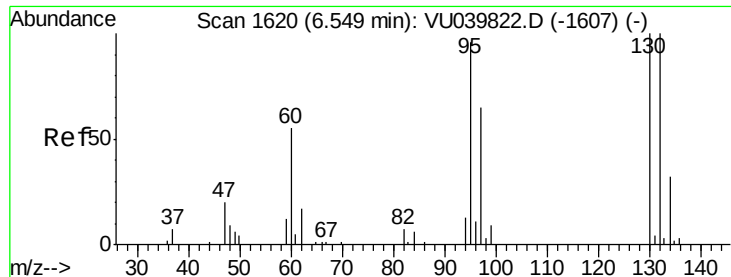
#25
 Chloroform
 Concen: 0.553 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: VU039824.D
 Acq: 10 Aug 2020 14:56

Tgt Ion: 83 Resp: 5763
 Ion Ratio Lower Upper
 83 100
 85 65.2 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.347 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039824.D

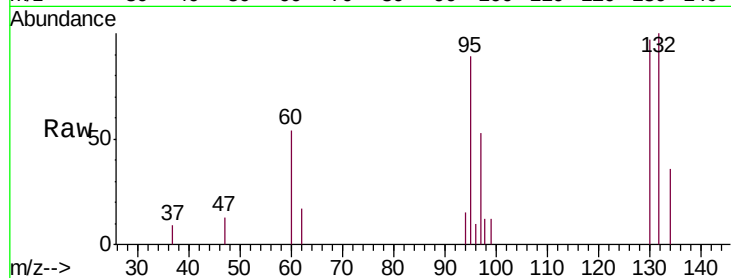
Acq: 10 Aug 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

F4L14



Tgt Ion: 95 Resp: 1916

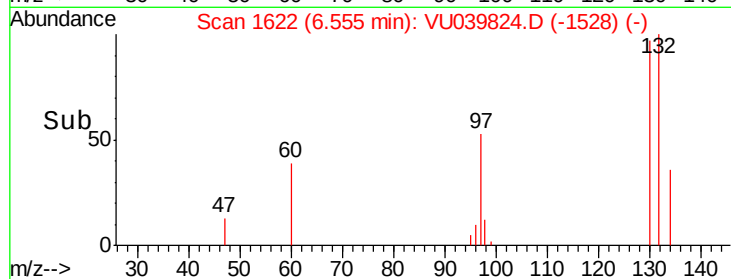
Ion Ratio Lower Upper

95 100

97 59.8 44.0 81.8

132 112.0 71.7 133.3

130 108.9 71.1 132.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

