

Data File : VU028260.D
Acq On : 19 Nov 2018 17:38
Operator : MD/SY
Sample : J5986-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FG8DL

Quant Time: Nov 26 04:33:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	121984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54811	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41963	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	38072	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.28	63	62535	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.19	46	148108	45.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.65	84	78267	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	44855	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.34	84	157534	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	58825	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.57	98	134759	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	16729	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	103560	42.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41458	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	47115	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

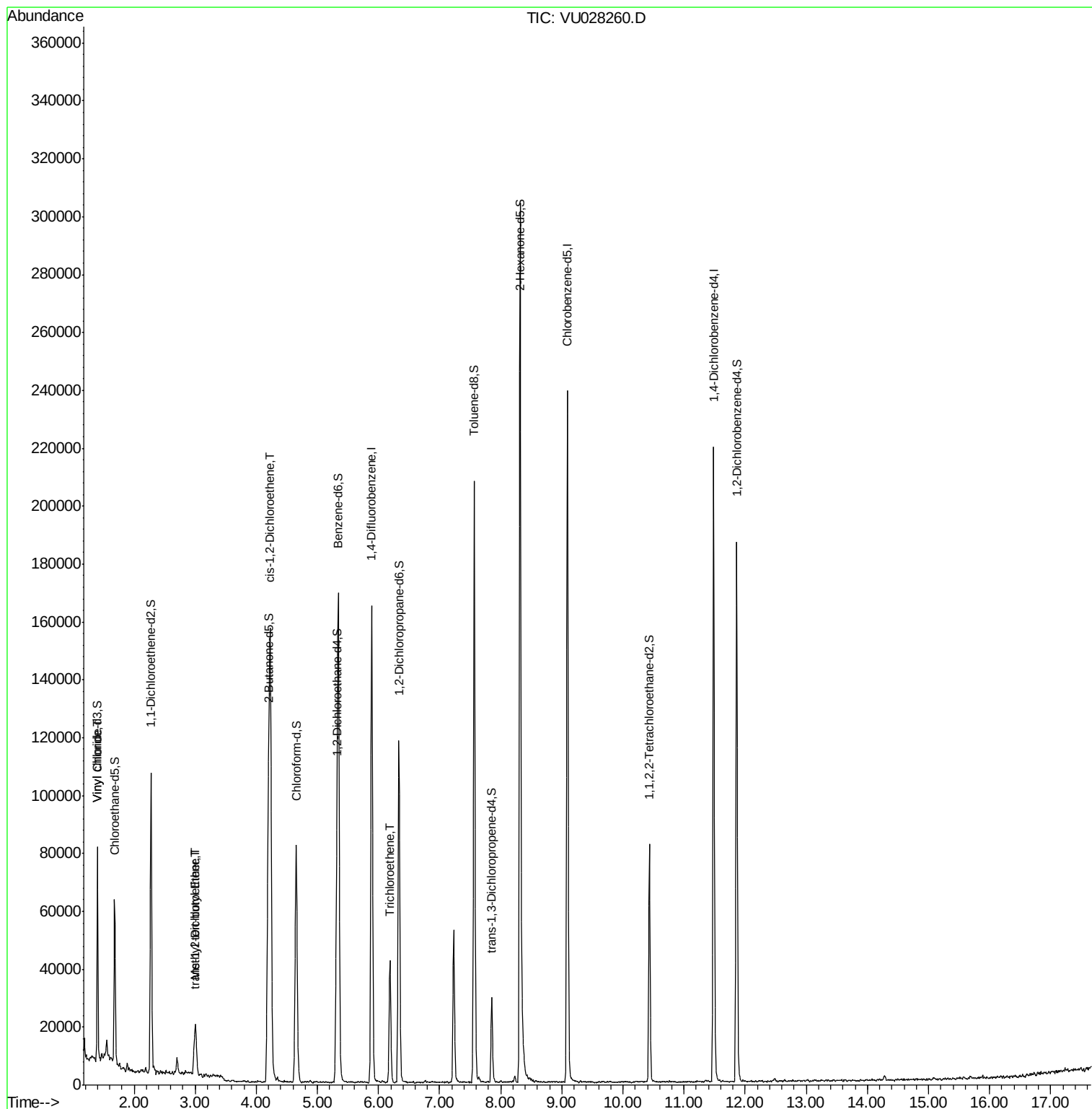
					Qvalue
5) Vinyl chloride	1.40	62	6640	0.504 ug/L #	37
17) Methyl tert-butyl Ether	3.01	73	15927	0.663 ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	2346	0.276 ug/L #	67
22) cis-1,2-Dichloroethene	4.23	96	71820	7.138 ug/L	93
34) Trichloroethene	6.19	95	14486	1.470 ug/L	92

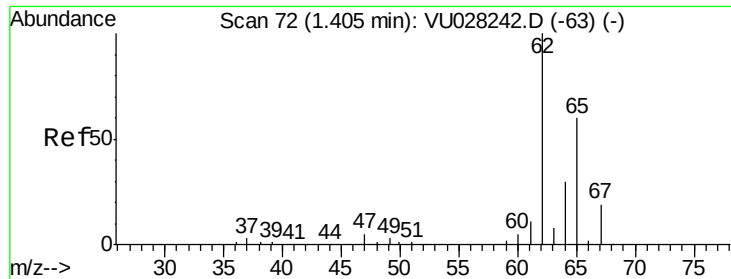
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.504 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

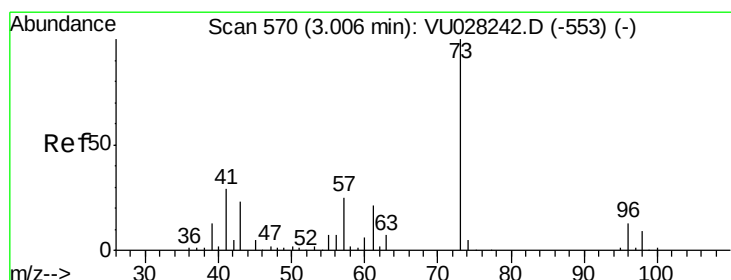
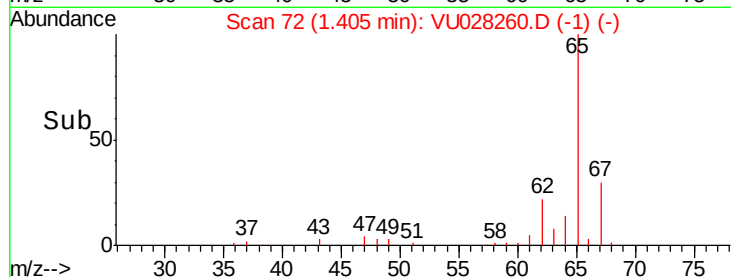
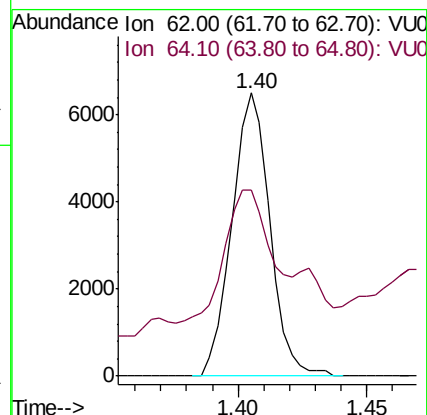
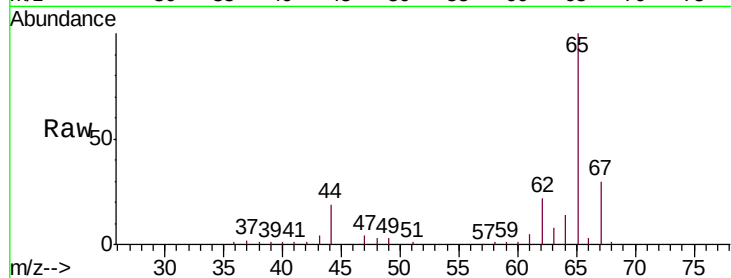
H0FG8DL

Tgt Ion: 62 Resp: 6640

Ion Ratio Lower Upper

62 100

64 65.5 21.7 40.3#



#17

Methyl tert-butyl Ether

Concen: 0.663 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU028260.D

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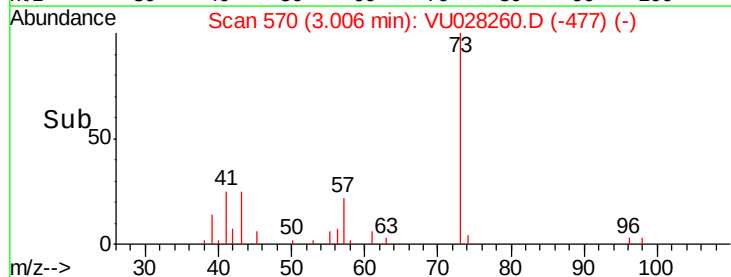
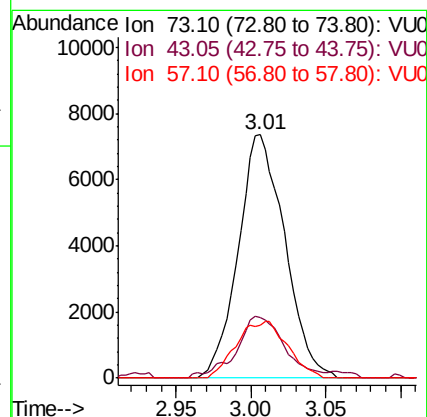
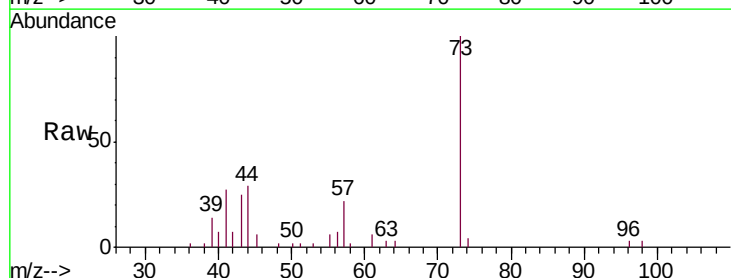
Tgt Ion: 73 Resp: 15927

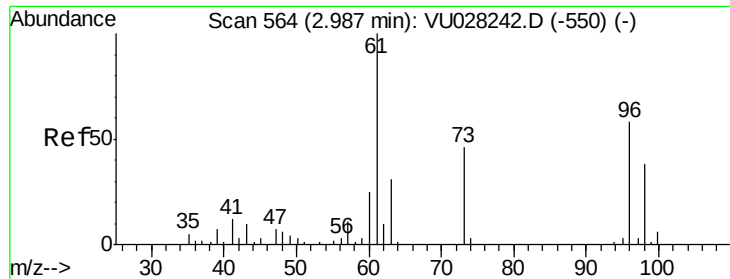
Ion Ratio Lower Upper

73 100

43 26.4 18.8 28.2

57 25.6 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.276 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.01 min

Lab File: VU028260.D

Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

H0FG8DL

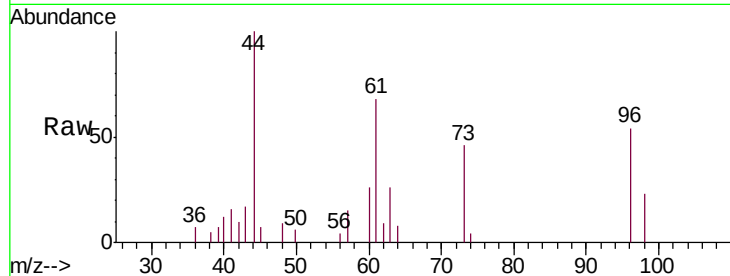
Tgt Ion: 96 Resp: 2346

Ion Ratio Lower Upper

96 100

61 125.7 122.2 227.0

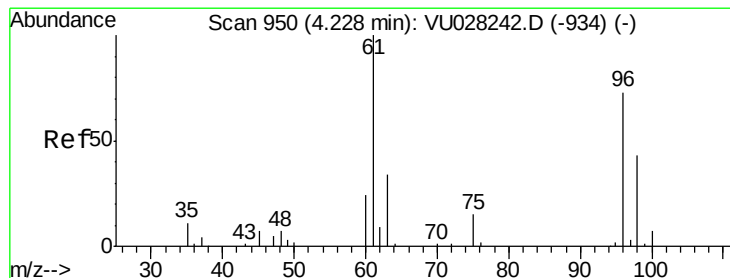
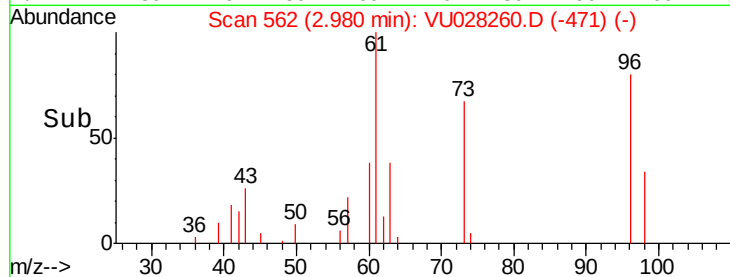
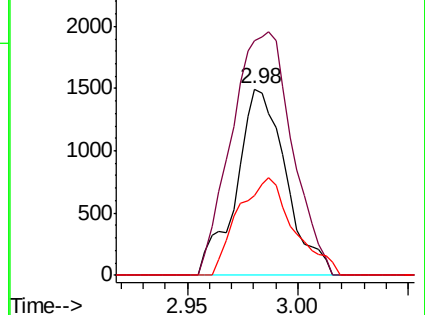
98 43.0 44.9 83.5#



Abundance Ion 96.00 (95.70 to 96.70): VU028260.D (-471) (-)

Ion 61.05 (60.75 to 61.75): VU028260.D (-471) (-)

Ion 97.95 (97.65 to 98.65): VU028260.D (-471) (-)



#22

cis-1,2-Dichloroethene

Concen: 7.138 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028260.D

Acq: 19 Nov 2018 17:38

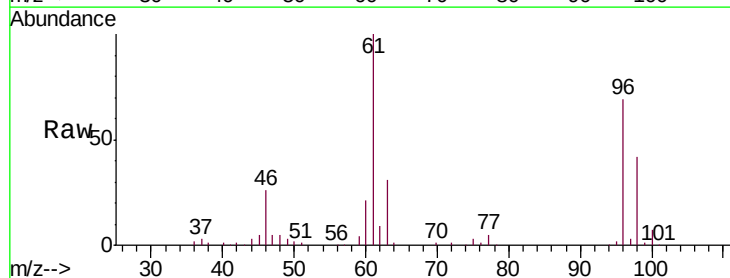
Tgt Ion: 96 Resp: 71820

Ion Ratio Lower Upper

96 100

61 145.9 108.0 200.6

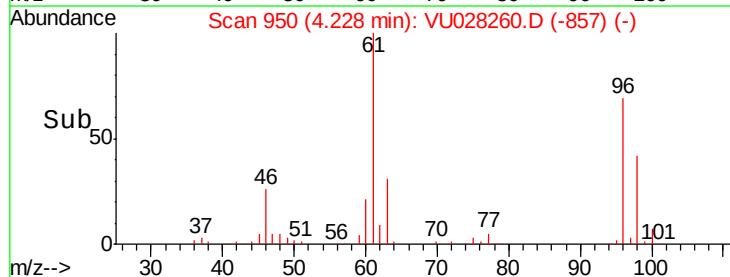
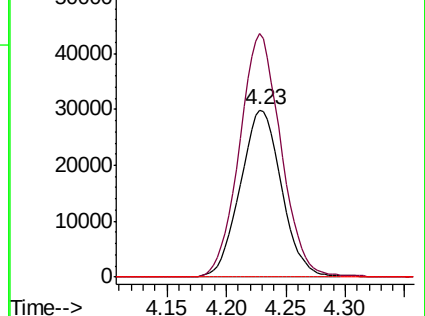
68 0.0 0.0 0.0

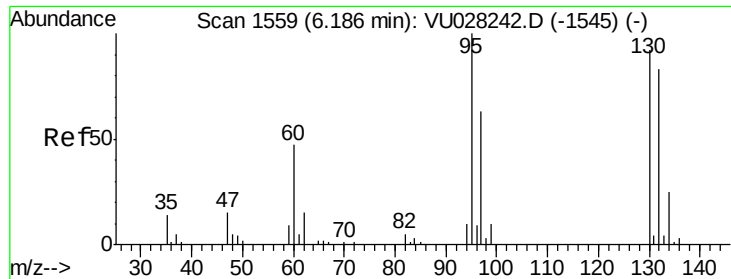


Abundance Ion 96.00 (95.70 to 96.70): VU028260.D (-857) (-)

Ion 61.05 (60.75 to 61.75): VU028260.D (-857) (-)

Ion 68.15 (67.85 to 68.85): VU028260.D (-857) (-)





#34

Trichloroethene

Concen: 1.470 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028260.D

Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

H0FG8DL

Tgt Ion: 95 Resp: 14486

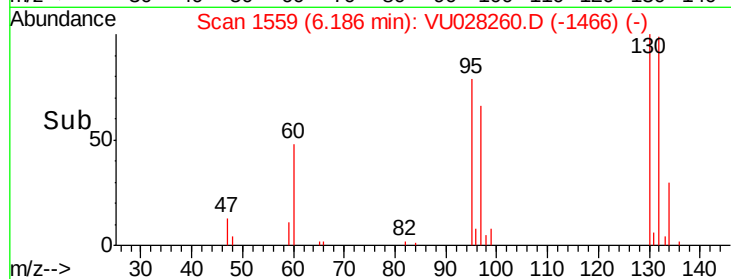
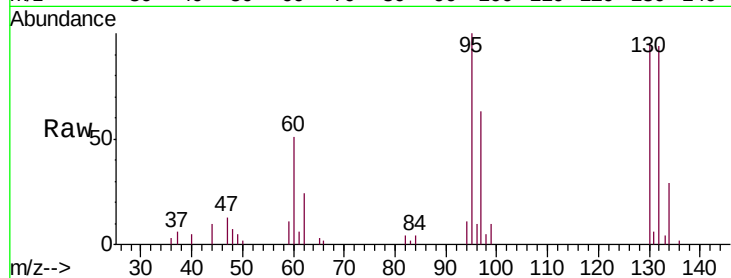
Ion Ratio Lower Upper

95 100

97 62.7 46.5 86.3

132 93.9 58.9 109.3

130 95.1 61.3 113.9



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

