

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026798.D
 Acq On : 16 Sep 2018 00:04
 Operator : MD/SY
 Sample : J4918-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX5

Quant Time: Sep 17 08:11:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	120968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	35925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44306	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	37158	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.28	63	68581	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.21	46	99997	49.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	4.65	84	73755	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	39488	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	153753	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.33	67	49157	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.57	98	114292	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	13851	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.32	63	57800	45.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34631	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	39283	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

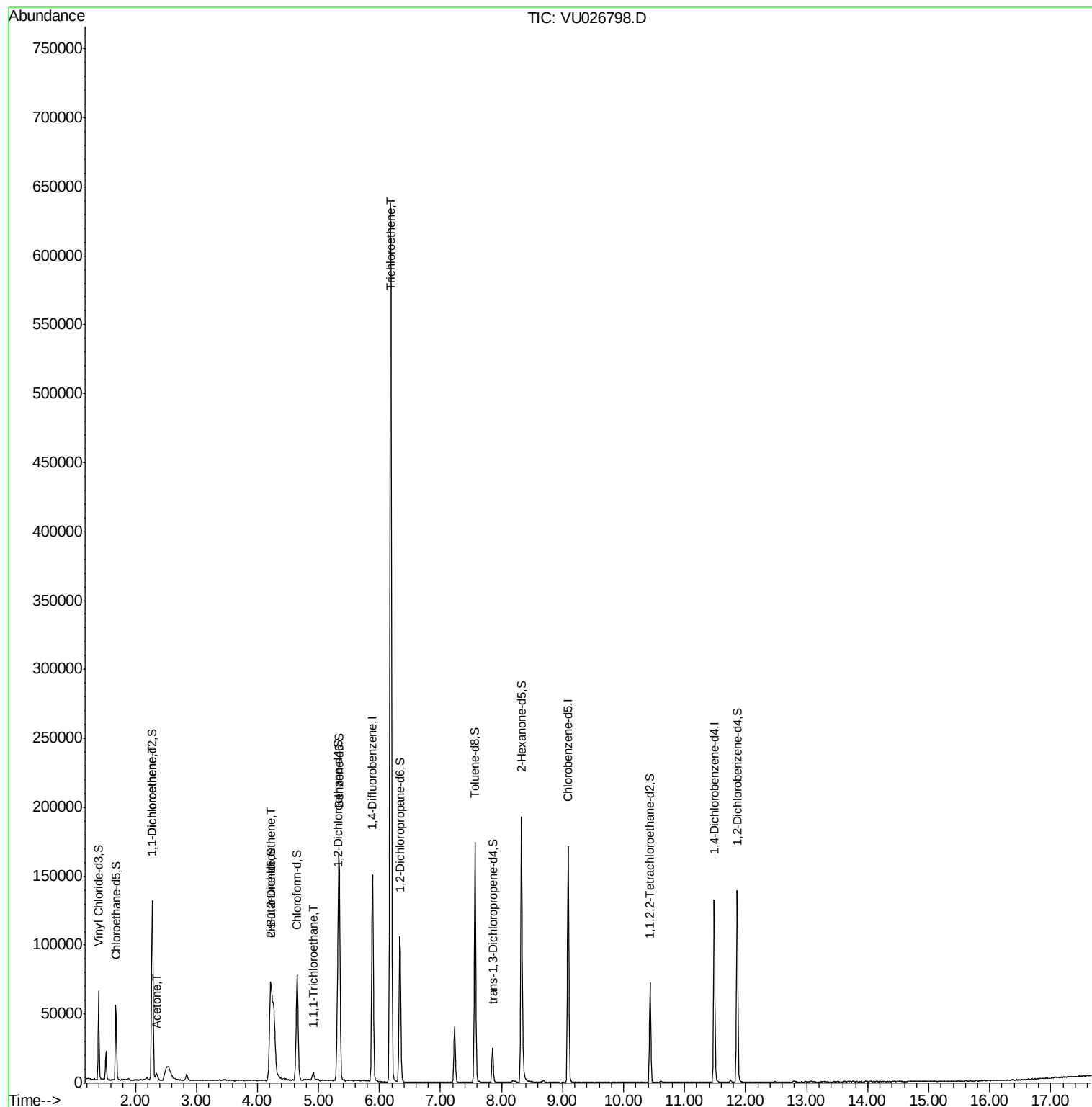
					Ovalue
12) 1,1-Dichloroethene	2.29	96	13791	1.53 ug/L	# 40
13) Acetone	2.35	43	6793	3.77 ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	10384	0.97 ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	4370	0.32 ug/L	96
34) Trichloroethene	6.18	95	211173	23.00 ug/L	99

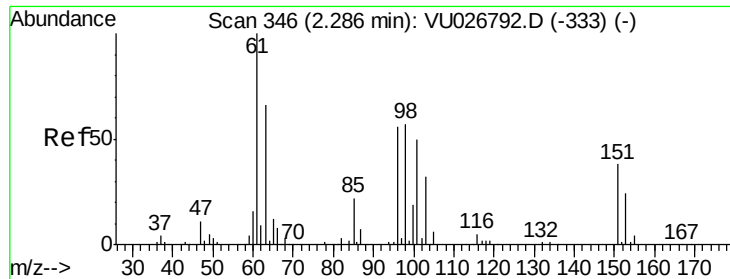
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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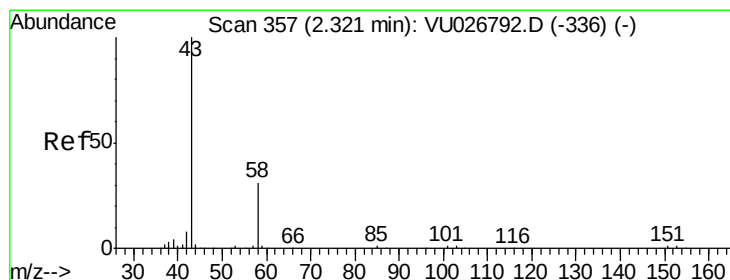
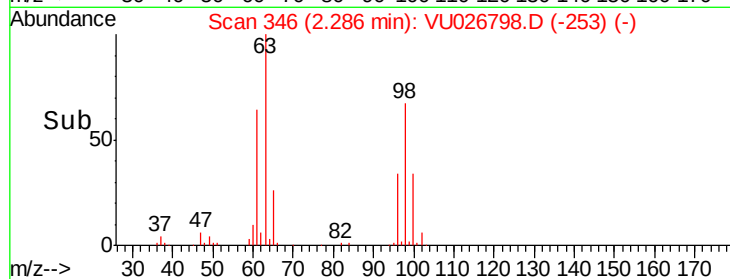
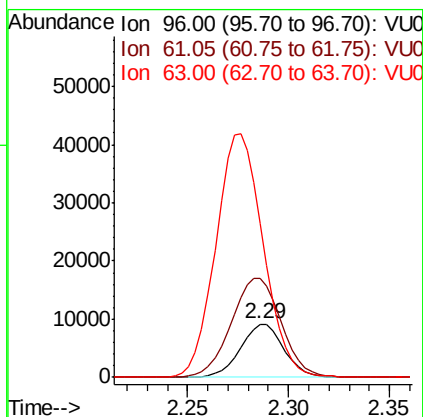
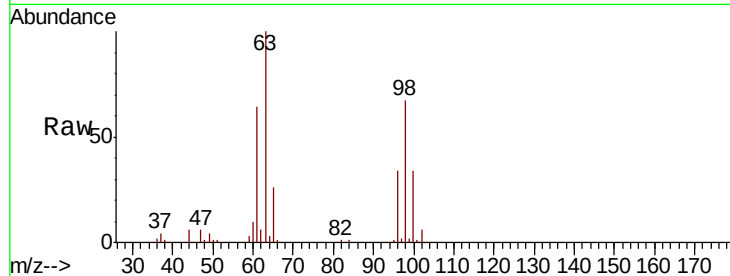




#12
 1,1-Dichloroethene
 Concen: 1.53 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU026798.D
 Acq: 16 Sep 2018 00:04

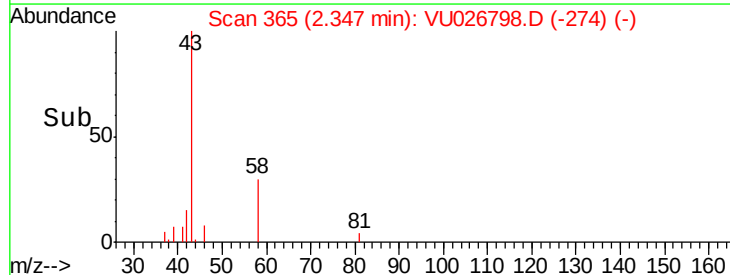
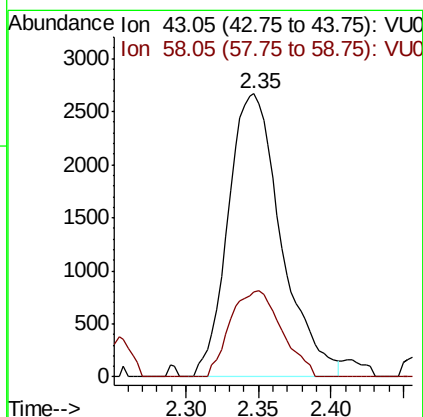
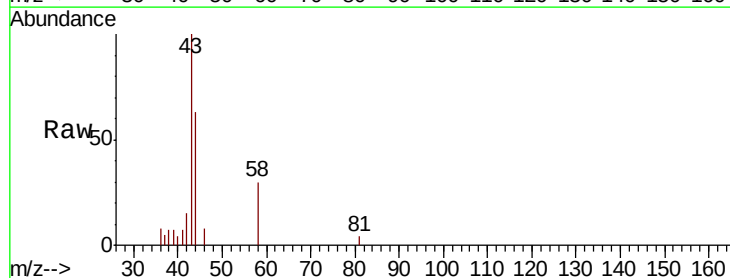
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX5

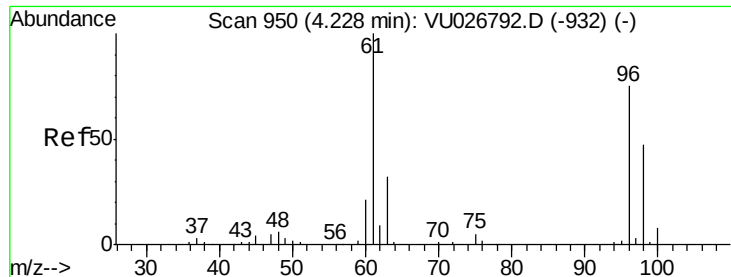
Tot Ion: 96 Resp: 13791
 Ion Ratio Lower Upper
 96 100
 61 187.1 126.6 235.2
 63 290.8 91.3 169.5#



#13
 Acetone
 Concen: 3.77 ug/L
 RT: 2.35 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU026798.D
 Acq: 16 Sep 2018 00:04

Tgt Ion: 43 Resp: 6793
 Ion Ratio Lower Upper
 43 100
 58 29.5 0.0 63.0





#22

cis-1,2-Dichloroethene

Concen: 0.97 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

Instrument :

MSVOA_U

ClientSampled :

C0KX5

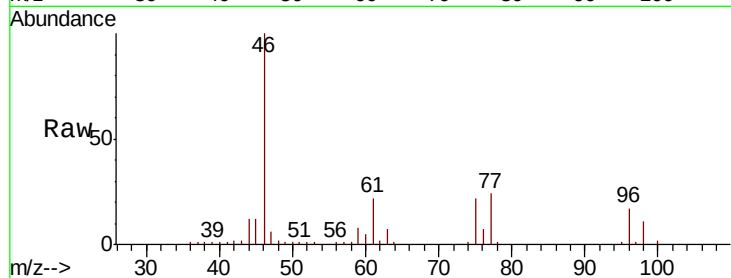
Tot Ion: 96 Resp: 10384

Ion Ratio Lower Upper

96 100

61 131.7 94.4 175.2

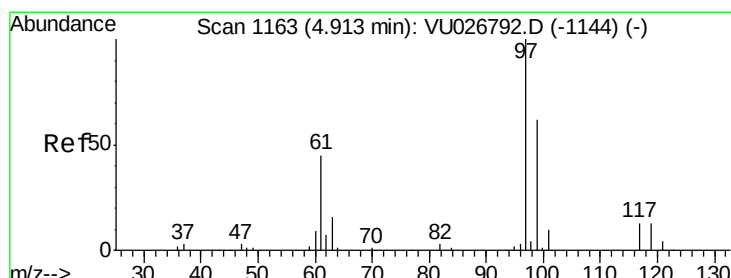
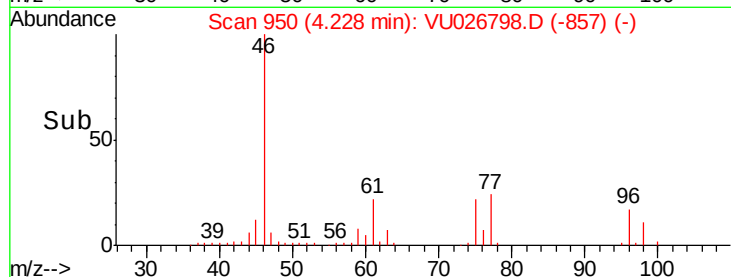
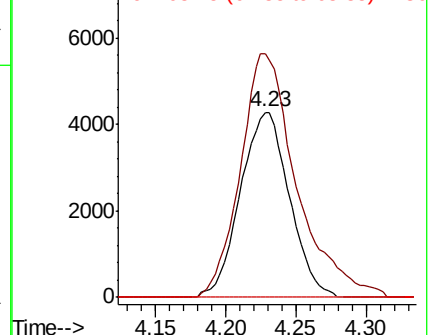
68 0.0 0.0 0.0



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



#29

1,1,1-Trichloroethane

Concen: 0.32 ug/L

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

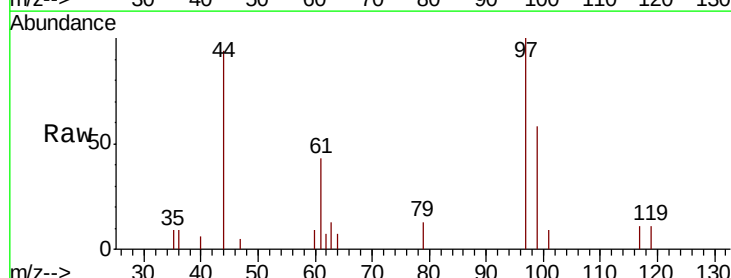
Tgt Ion: 97 Resp: 4370

Ion Ratio Lower Upper

97 100

99 60.7 51.5 77.3

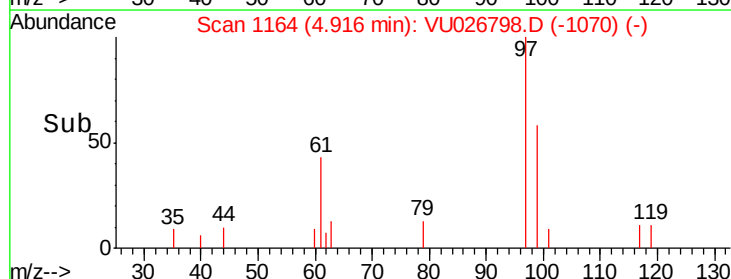
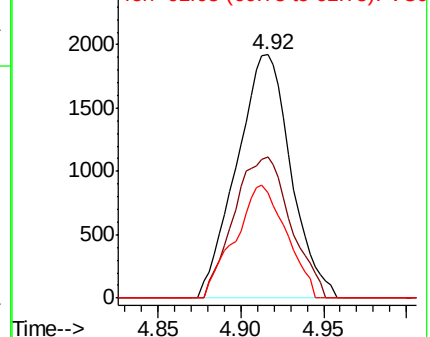
61 43.7 36.6 54.8

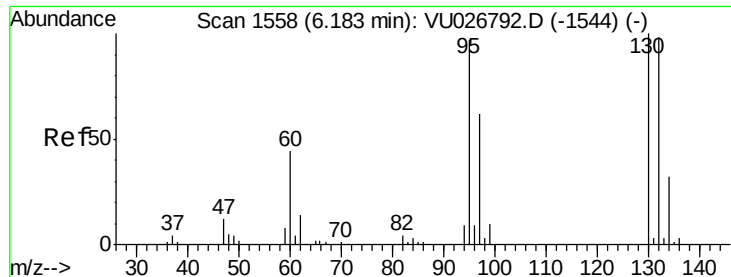


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 23.00 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

C0KX5

Tot Ion: 95 Resp: 211173

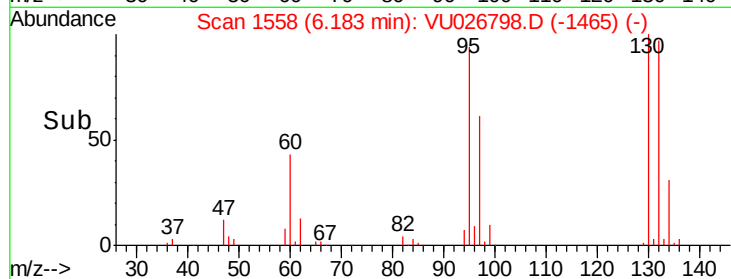
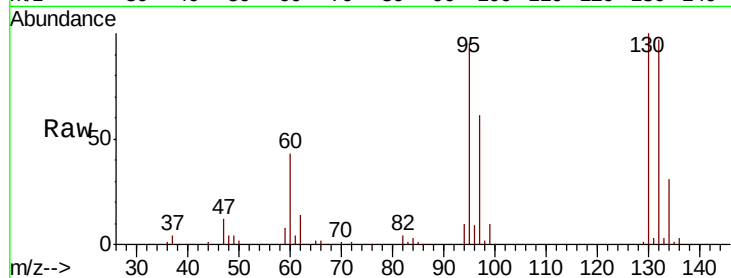
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 101.7 72.0 133.8

130 105.1 73.1 135.7



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

