

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037211.D
 Acq On : 13 Mar 2020 00:13
 Operator : JC/MD
 Sample : L1886-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:30:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	390548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	384946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139235	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.12%
7) Chloroethane-d5	1.93	69	117720	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.62%
11) 1,1-Dichloroethene-d2	2.59	63	205455	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	4.67	46	255678	106.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.89%
24) Chloroform-d	5.11	84	283690	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.74	65	211805	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
32) Benzene-d6	5.76	84	519129	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.72	67	173005	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.92	98	481279	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
43) trans-1,3-Dichloropropene-	8.20	79	87538	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.66	63	179473	99.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.93%
57) 1,1,1,2,2-Tetrachloroethane-	10.77	84	254038	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	179919	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%

Target Compounds

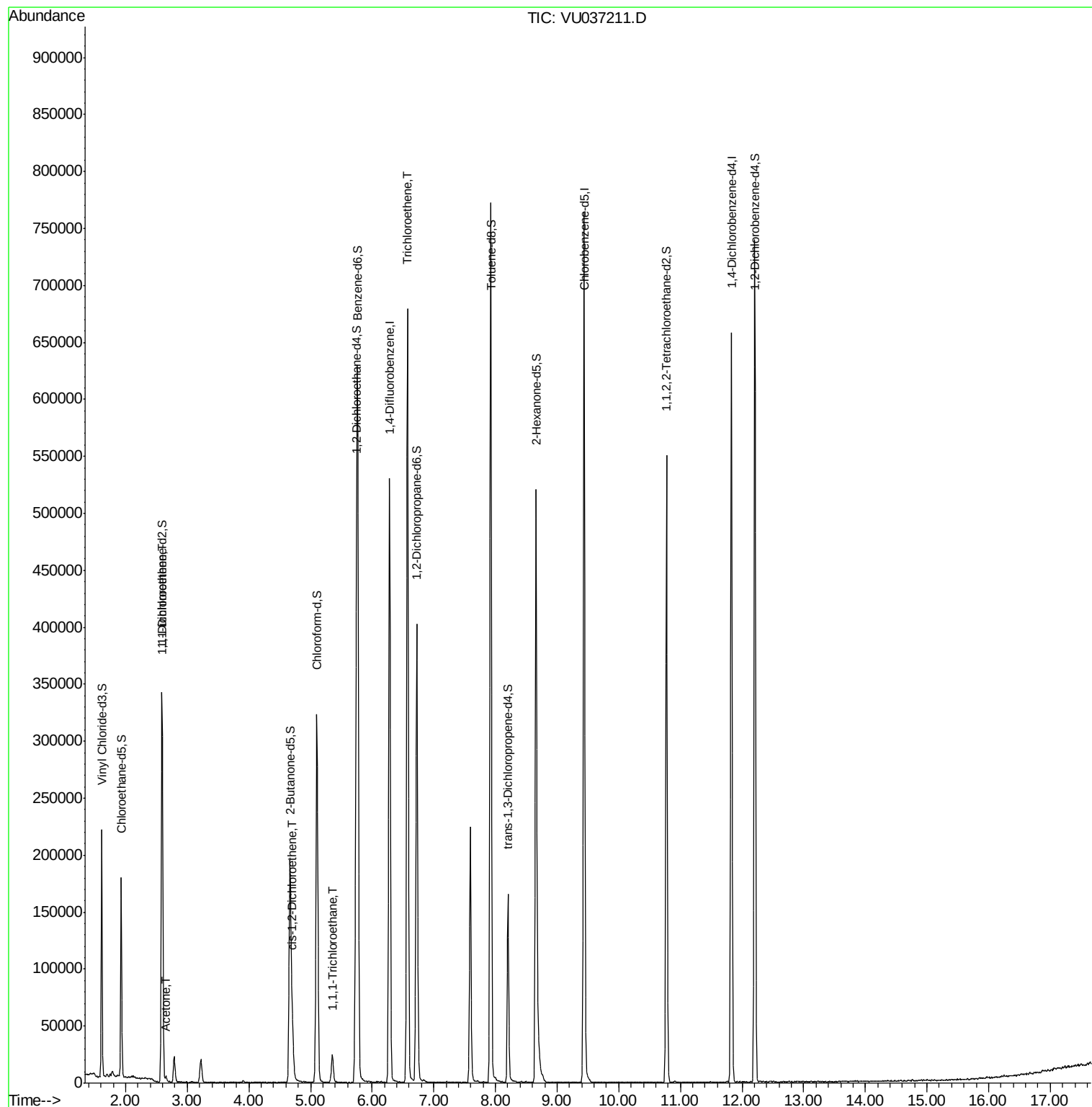
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	12097	5.249	ug/L	# 1
13) Acetone	2.66	43	5246	2.312	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	17440	5.971	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	17958	3.515	ug/L	98
34) Trichloroethene	6.57	95	223049	75.651	ug/L	97

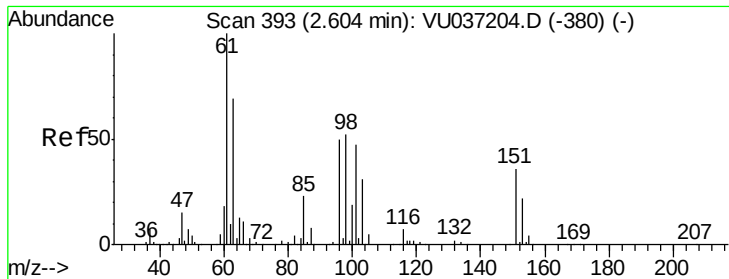
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.249 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037211.D

Acq: 13 Mar 2020 00:13

Instrument :

MSVOA_U

ClientSampled :

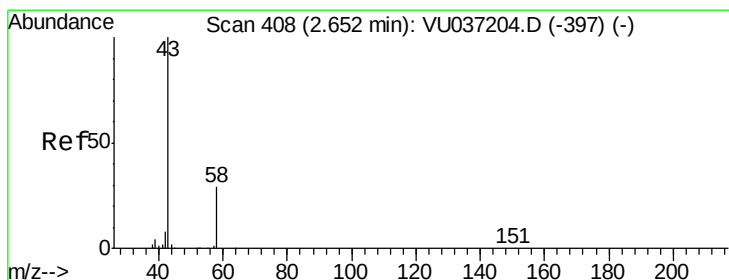
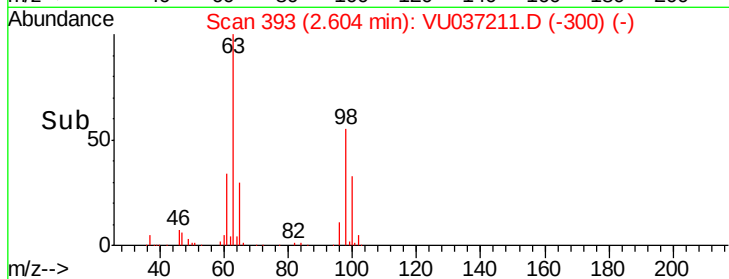
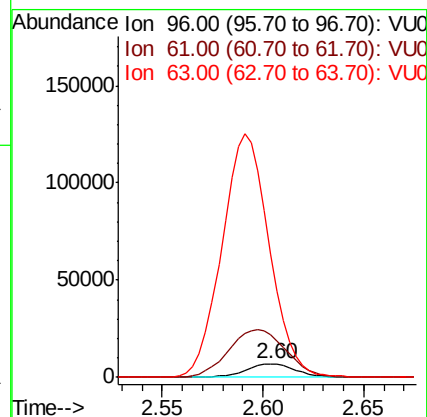
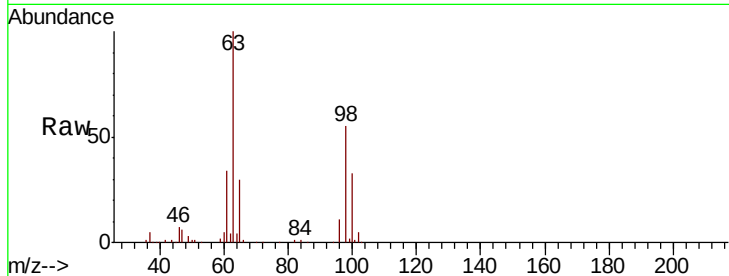
Tot Ion: 96 Resp: 12097

Ion Ratio Lower Upper

96 100

61 311.0 138.8 257.8#

63 915.1 106.4 197.6#



#13

Acetone

Concen: 2.312 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037211.D

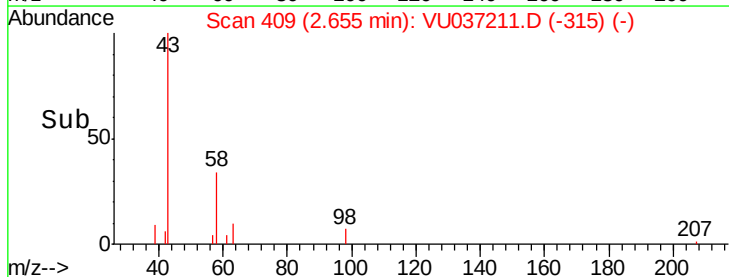
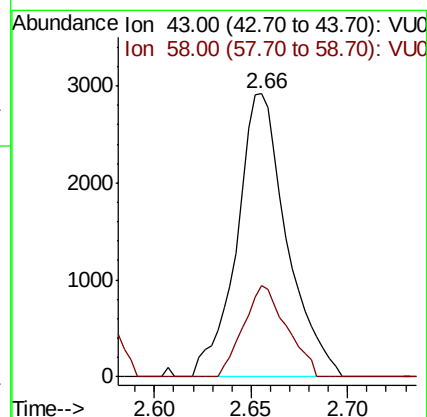
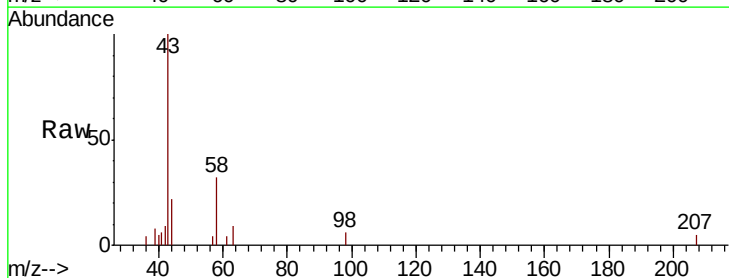
Acq: 13 Mar 2020 00:13

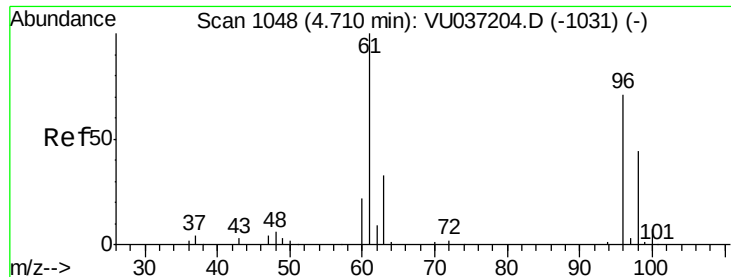
Tgt Ion: 43 Resp: 5246

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.2

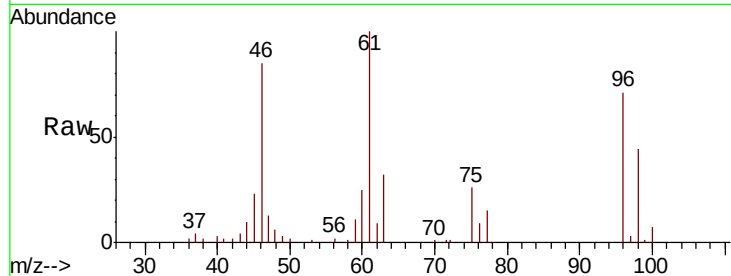




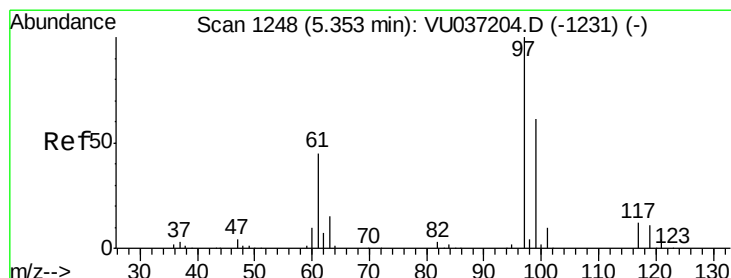
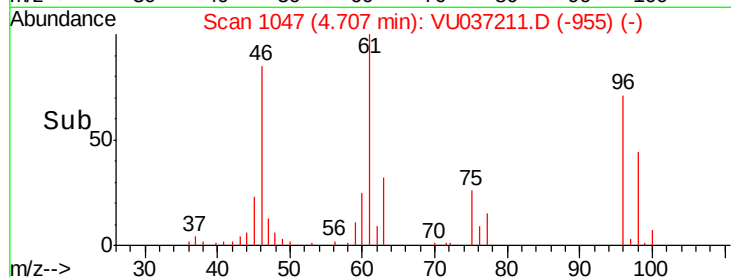
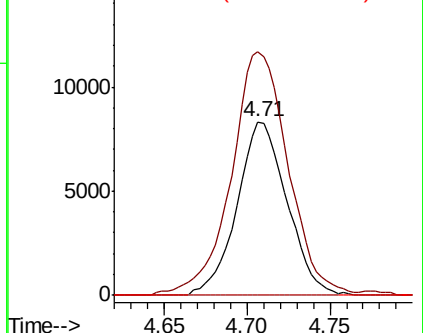
#20
 cis-1,2-Dichloroethene
 Concen: 5.971 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037211.D
 Acq: 13 Mar 2020 00:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 17440
 Ion Ratio Lower Upper
 96 100
 61 140.4 101.2 187.8
 68 0.0 0.0 0.0

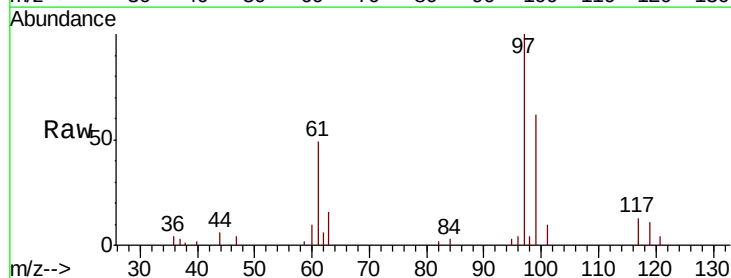


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

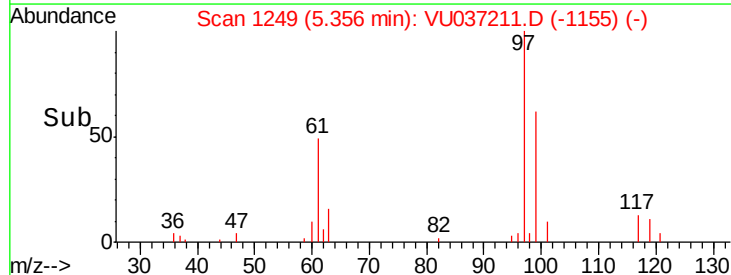
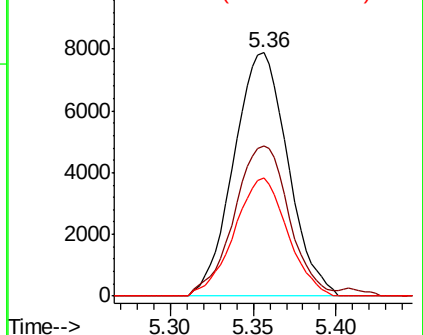


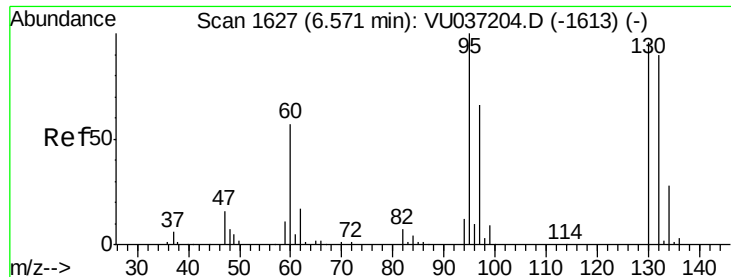
#30
 1,1,1-Trichloroethane
 Concen: 3.515 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037211.D
 Acq: 13 Mar 2020 00:13

Tgt Ion: 97 Resp: 17958
 Ion Ratio Lower Upper
 97 100
 99 62.5 51.4 77.0
 61 47.8 39.0 58.4



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 75.651 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037211.D

Acq: 13 Mar 2020 00:13

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 223049

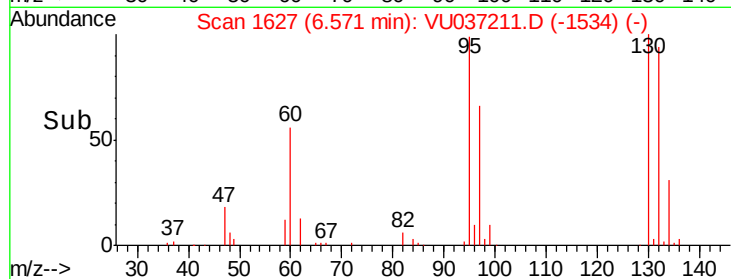
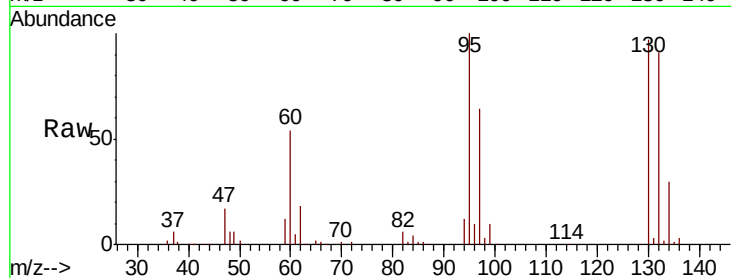
Ion Ratio Lower Upper

95 100

97 63.5 43.8 81.4

132 91.2 62.6 116.3

130 96.7 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

