

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035280.D
 Acq On : 18 Oct 2019 20:44
 Operator : JC/SP
 Sample : K5419-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ6

Quant Time: Oct 19 05:43:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 03:38:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	326513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	318936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	117431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	92352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.94	69	87934	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.60	63	129415	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.71	46	288934	50.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.00%
24) Chloroform-d	5.12	84	176452	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	102225	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	364055	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.74	67	119342	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.93	98	334813	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.22	79	50830	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.69	63	234512	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100039	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	105177	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

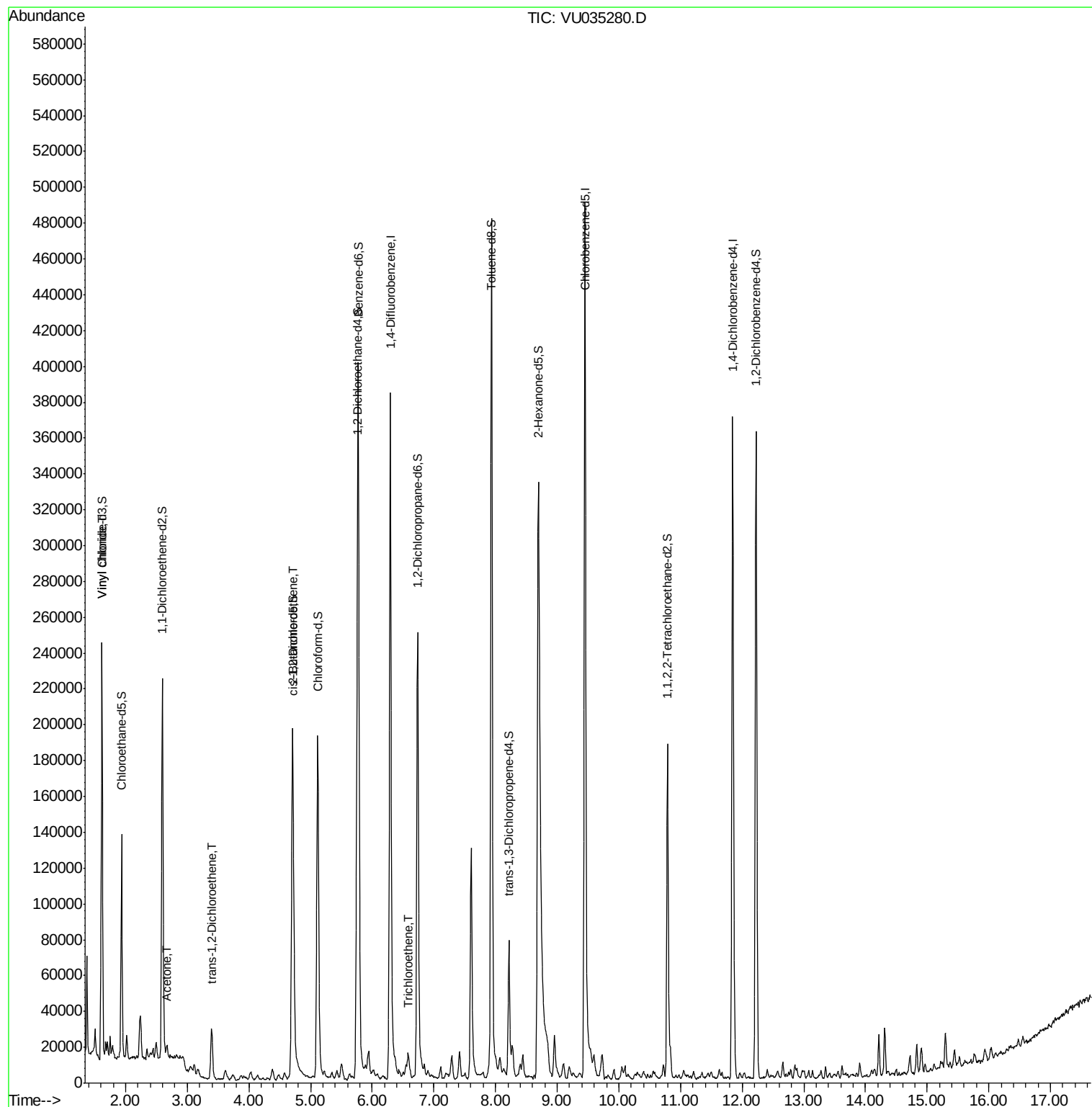
					Ovalue
5) Vinyl chloride	1.62	62	46191	1.632 ug/L	94
13) Acetone	2.68	43	5488	1.379 ug/L	88
18) trans-1,2-Dichloroethene	3.40	96	8949	0.395 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	18981	0.759 ug/L	94
34) Trichloroethene	6.59	95	3319	0.132 ug/L	92

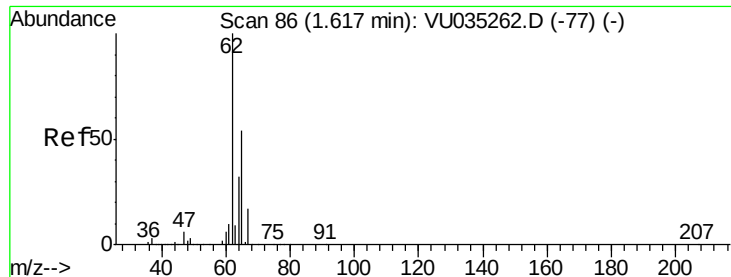
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.632 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035280.D

Acq: 18 Oct 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

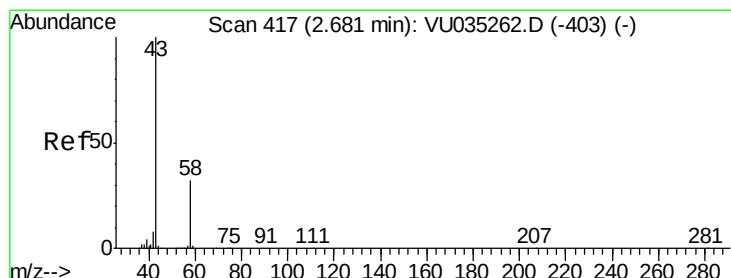
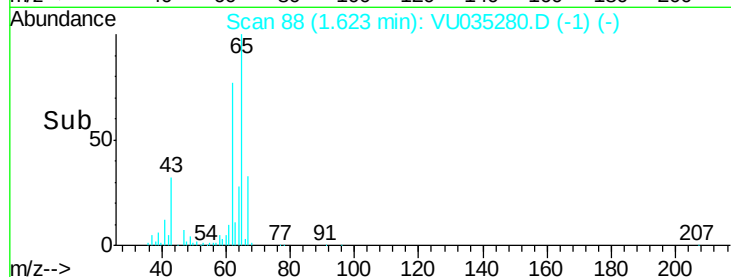
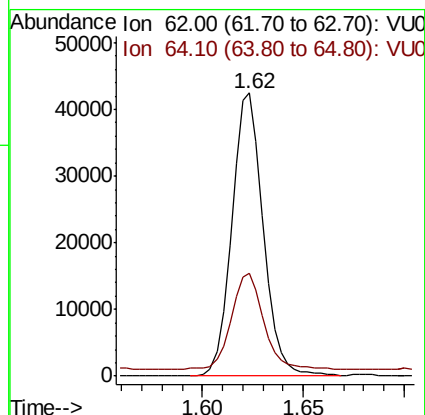
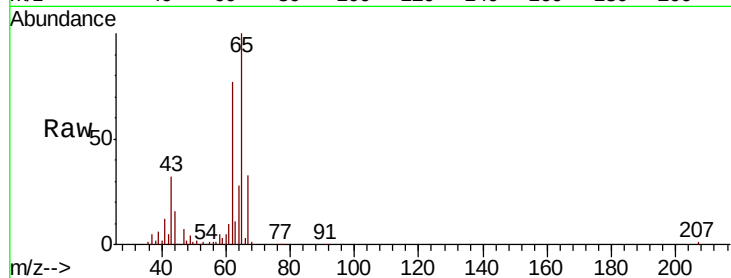
H0FZ6

Tot Ion: 62 Resp: 46191

Ion Ratio Lower Upper

62 100

64 36.3 22.9 42.5



#13

Acetone

Concen: 1.379 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU035280.D

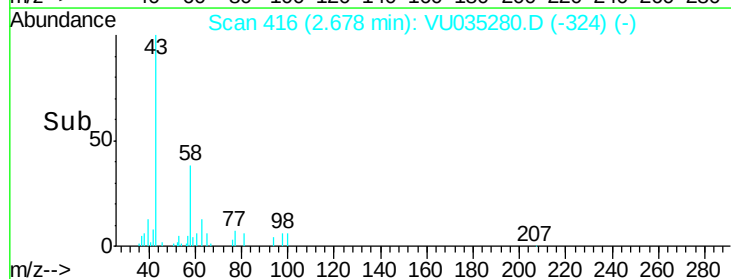
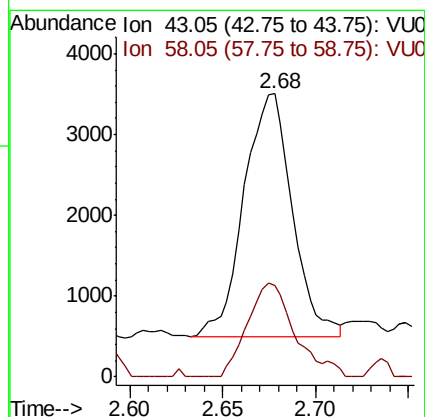
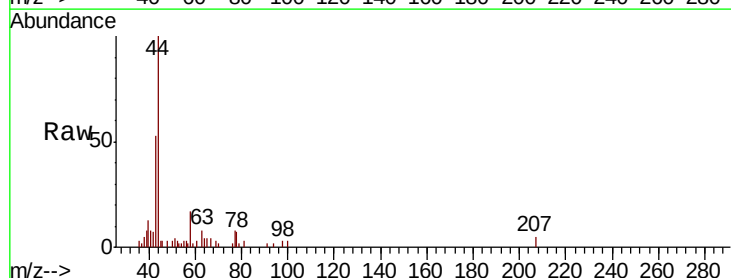
Acq: 18 Oct 2019 20:44

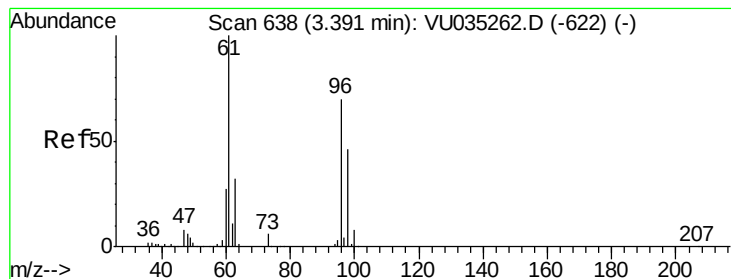
Tgt Ion: 43 Resp: 5488

Ion Ratio Lower Upper

43 100

58 37.6 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.395 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: VU035280.D

Acq: 18 Oct 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

H0FZ6

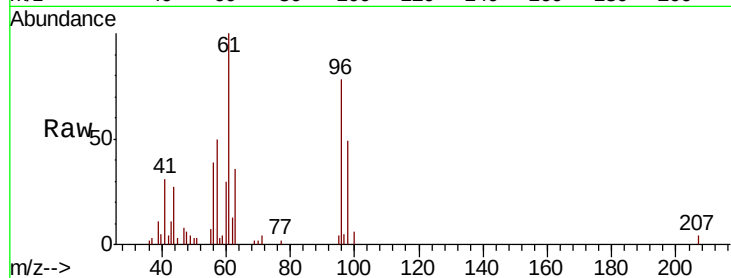
Tot Ion: 96 Resp: 8949

Ion Ratio Lower Upper

96 100

61 128.6 93.0 172.6

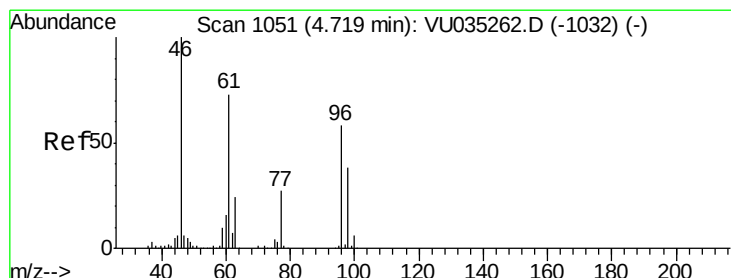
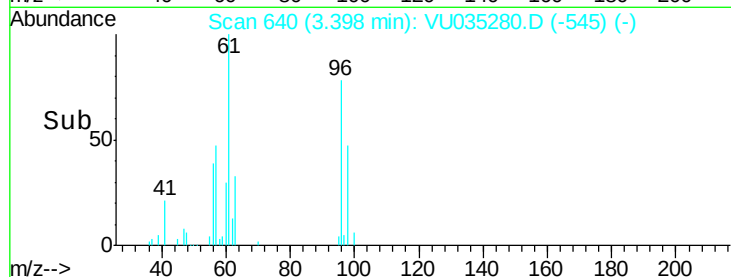
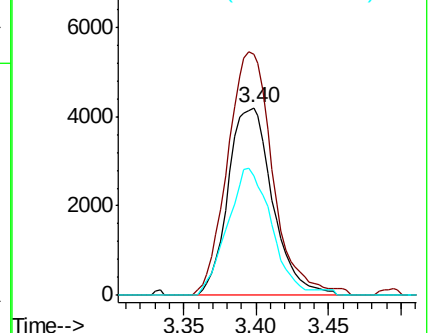
98 63.4 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU035280.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035280.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035280.D (-545) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.759 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035280.D

Acq: 18 Oct 2019 20:44

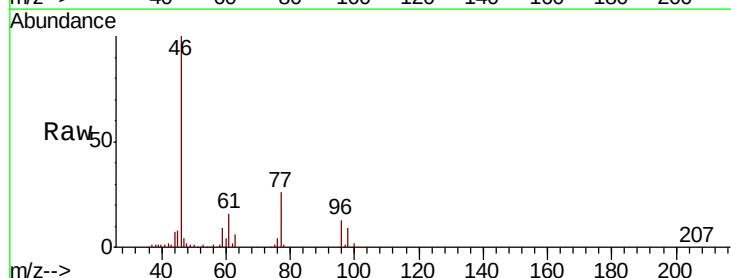
Tgt Ion: 96 Resp: 18981

Ion Ratio Lower Upper

96 100

61 121.2 89.7 166.5

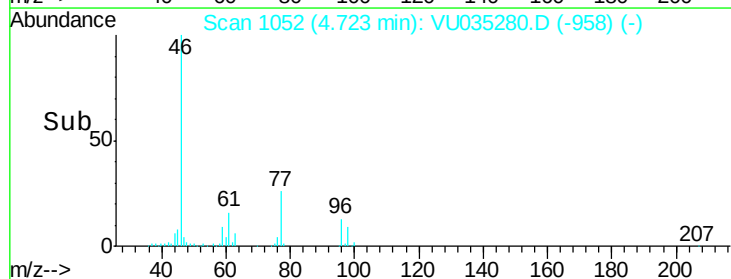
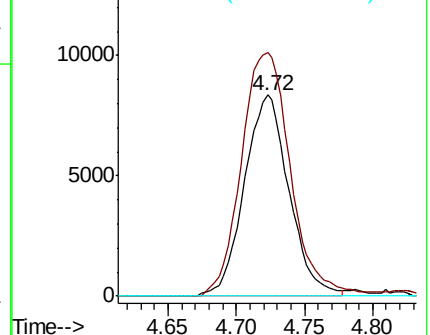
68 0.0 0.0 0.0

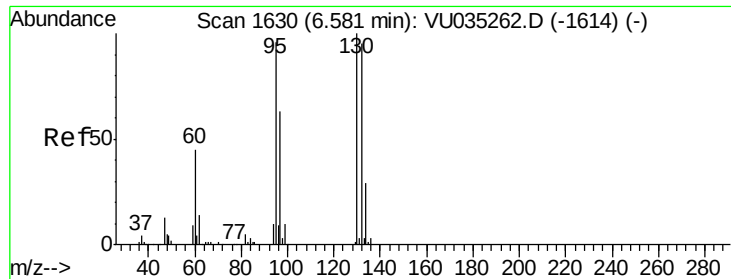


Abundance Ion 96.00 (95.70 to 96.70): VU035280.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035280.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035280.D (-958) (-)





#34

Trichloroethene

Concen: 0.132 ug/L

RT: 6.59 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VU035280.D

Acq: 18 Oct 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

H0FZ6

Tot Ion: 95 Resp: 3319

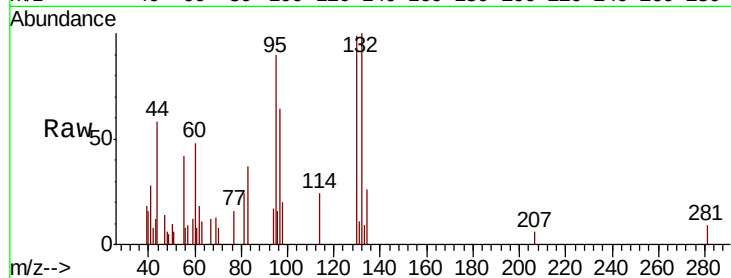
Ion Ratio Lower Upper

95 100

97 71.4 46.6 86.6

132 111.6 68.7 127.7

130 110.3 73.9 137.3



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

