

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021419\
 Data File : VU029478.D
 Acq On : 15 Feb 2019 00:16
 Operator : JC/SP
 Sample : K1438-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD9

Quant Time: Feb 20 05:49:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 01:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187498	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55230	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	49035	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	87366	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.19	46	143171	54.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.32%
24) Chloroform-d	4.65	84	98909	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	50348	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	201795	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	62201	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.56	98	184800	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	23018	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.31	63	140252	54.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54574	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	84025	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

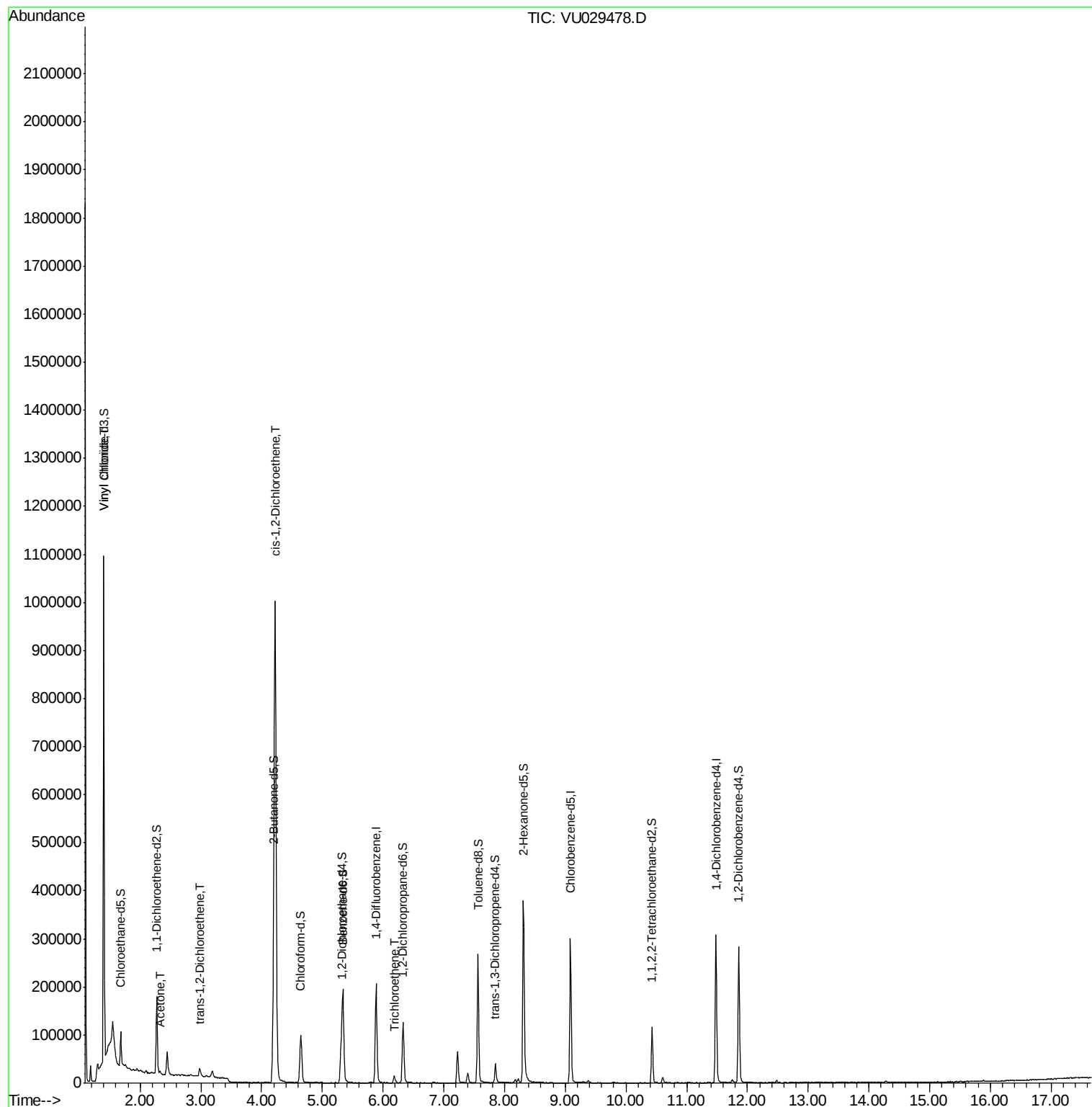
					Ovalue
5) Vinyl chloride	1.40	62	577474	31.980	ug/L 95
13) Acetone	2.32	43	4826	2.028	ug/L 95
18) trans-1,2-Dichloroethene	2.98	96	6118	0.372	ug/L 94
22) cis-1,2-Dichloroethene	4.22	96	590396	39.008	ug/L 100
34) Trichloroethene	6.19	95	4991	0.341	ug/L 96

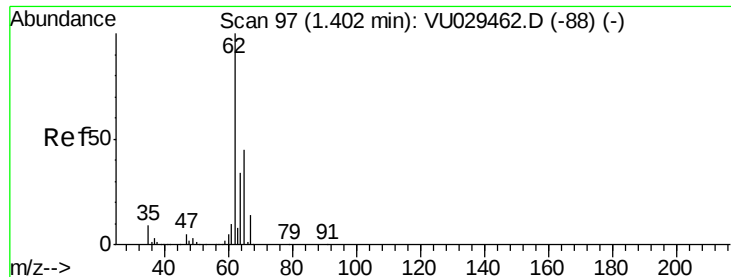
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 31.980 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029478.D

Acq: 15 Feb 2019 00:16

Instrument :

MSVOA_U

ClientSampled :

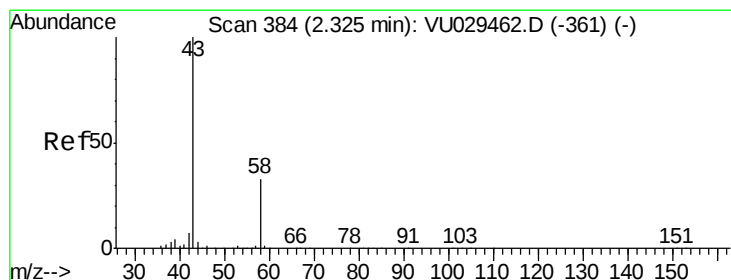
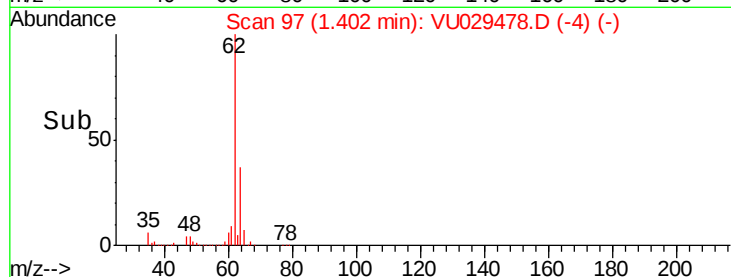
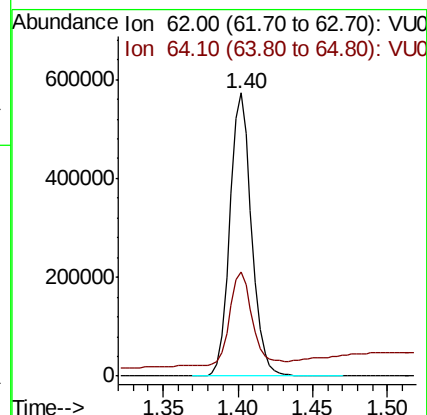
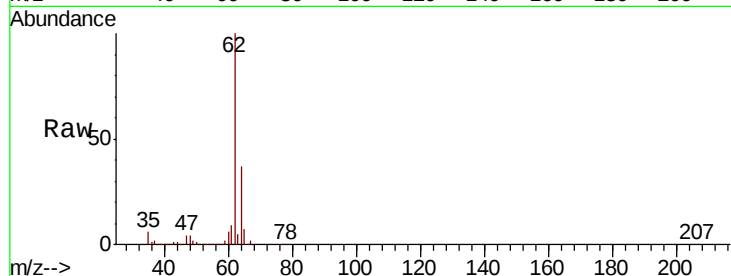
ESXD9

Tot Ion: 62 Resp: 577474

Ion Ratio Lower Upper

62 100

64 36.7 23.5 43.7



#13

Acetone

Concen: 2.028 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029478.D

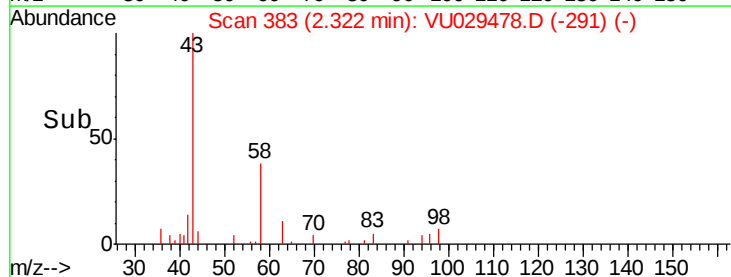
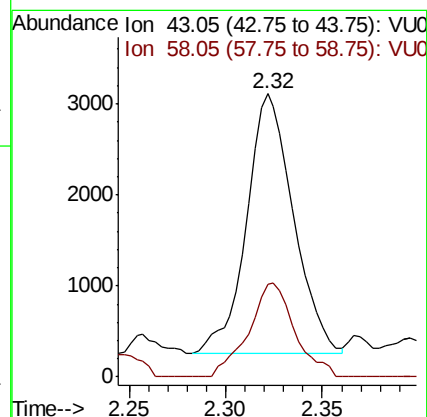
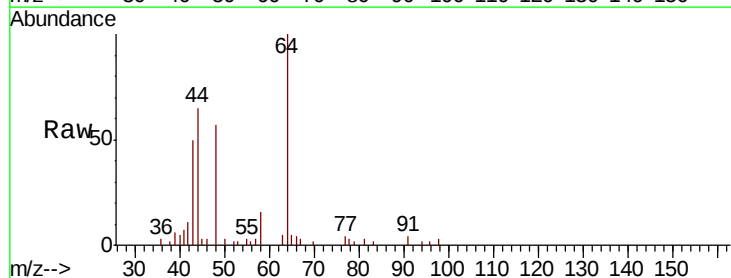
Acq: 15 Feb 2019 00:16

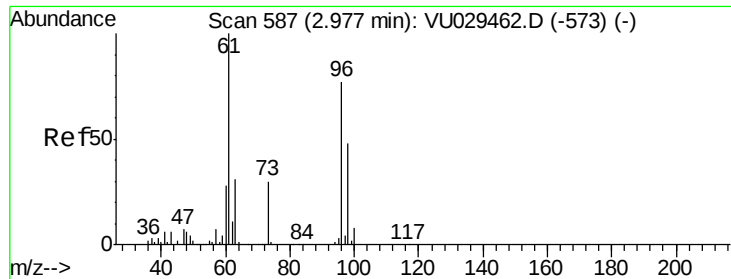
Tgt Ion: 43 Resp: 4826

Ion Ratio Lower Upper

43 100

58 35.3 0.0 65.0





#18

trans-1,2-Dichloroethene

Concen: 0.372 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029478.D

Acq: 15 Feb 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

ESXD9

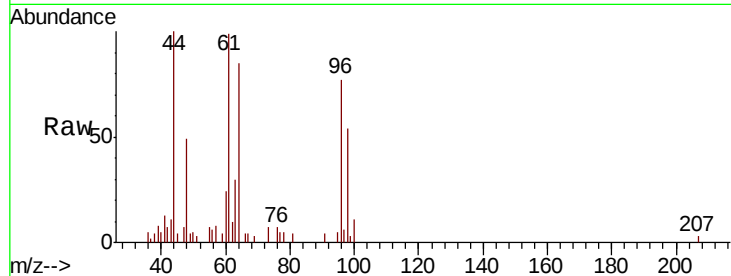
Tot Ion: 96 Resp: 6118

Ion Ratio Lower Upper

96 100

61 128.4 95.4 177.2

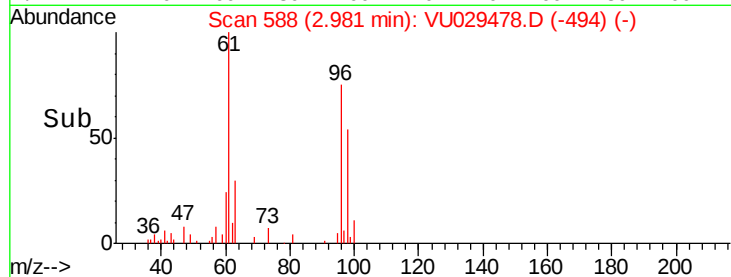
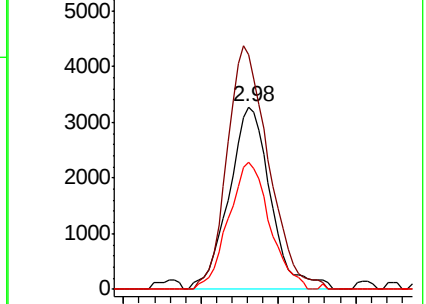
98 69.5 45.8 85.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 39.008 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029478.D

Acq: 15 Feb 2019 00:16

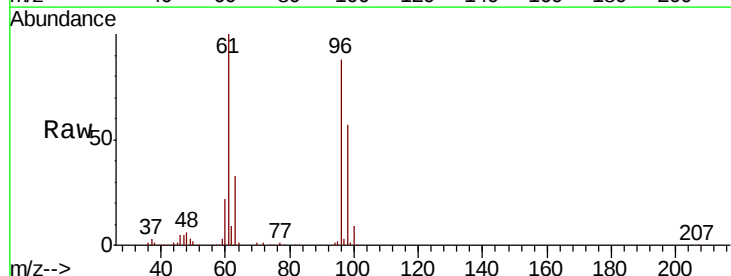
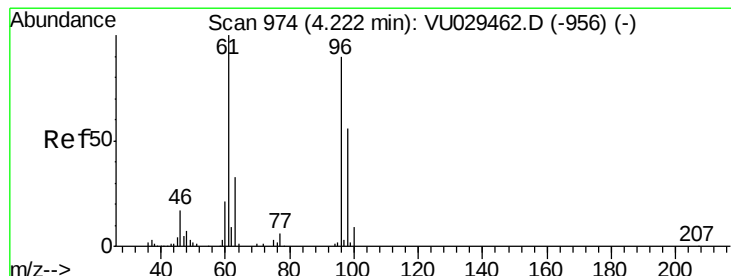
Tgt Ion: 96 Resp: 590396

Ion Ratio Lower Upper

96 100

61 114.0 79.9 148.5

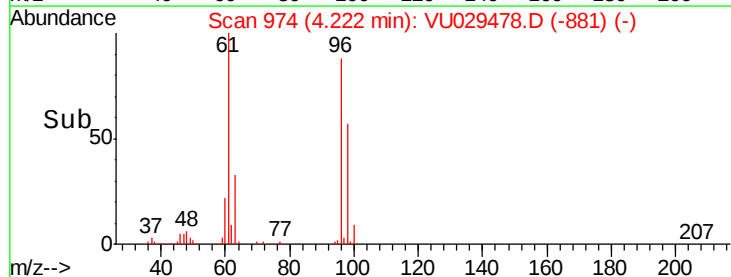
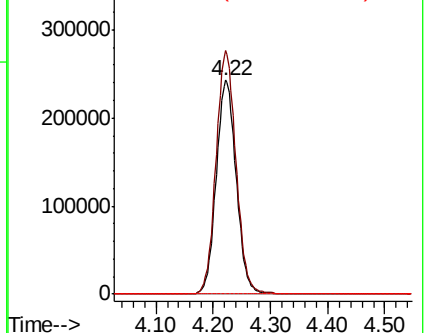
68 0.0 0.0 0.0

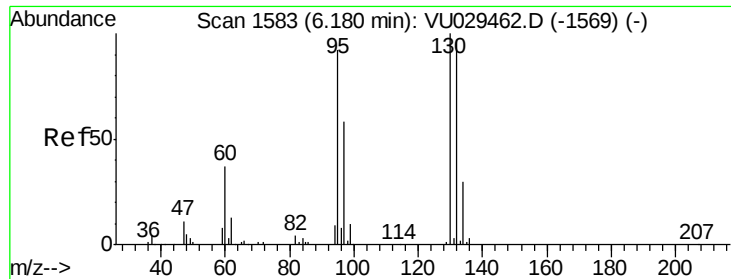


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.341 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU029478.D

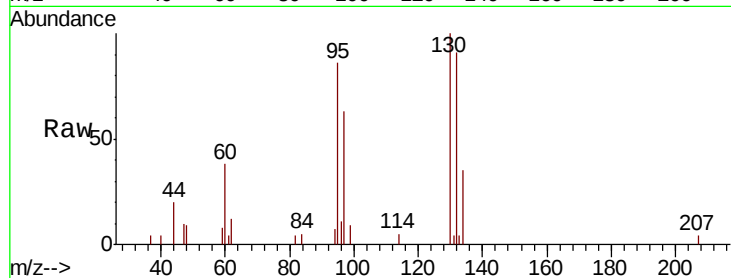
Acq: 15 Feb 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

ESXD9



Tot Ion: 95 Resp: 4991

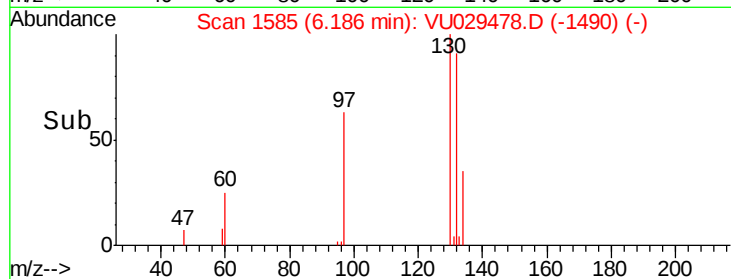
Ion Ratio Lower Upper

95 100

97 73.9 46.3 86.1

132 105.7 72.9 135.3

130 116.5 79.2 147.0



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

