

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021419\
 Data File : VU029461.D
 Acq On : 14 Feb 2019 16:29
 Operator : JC/SP
 Sample : K1436-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA5

Quant Time: Feb 20 01:15:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 00:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48831	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.68	69	46046	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.27	63	86161	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.20	46	129003	43.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.34%
24) Chloroform-d	4.65	84	91363	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.31	65	49169	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.34	84	190751	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.33	67	58203	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.56	98	178904	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.85	79	23447	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.31	63	125947	42.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49139	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	81497	3.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.40%#

Target Compounds

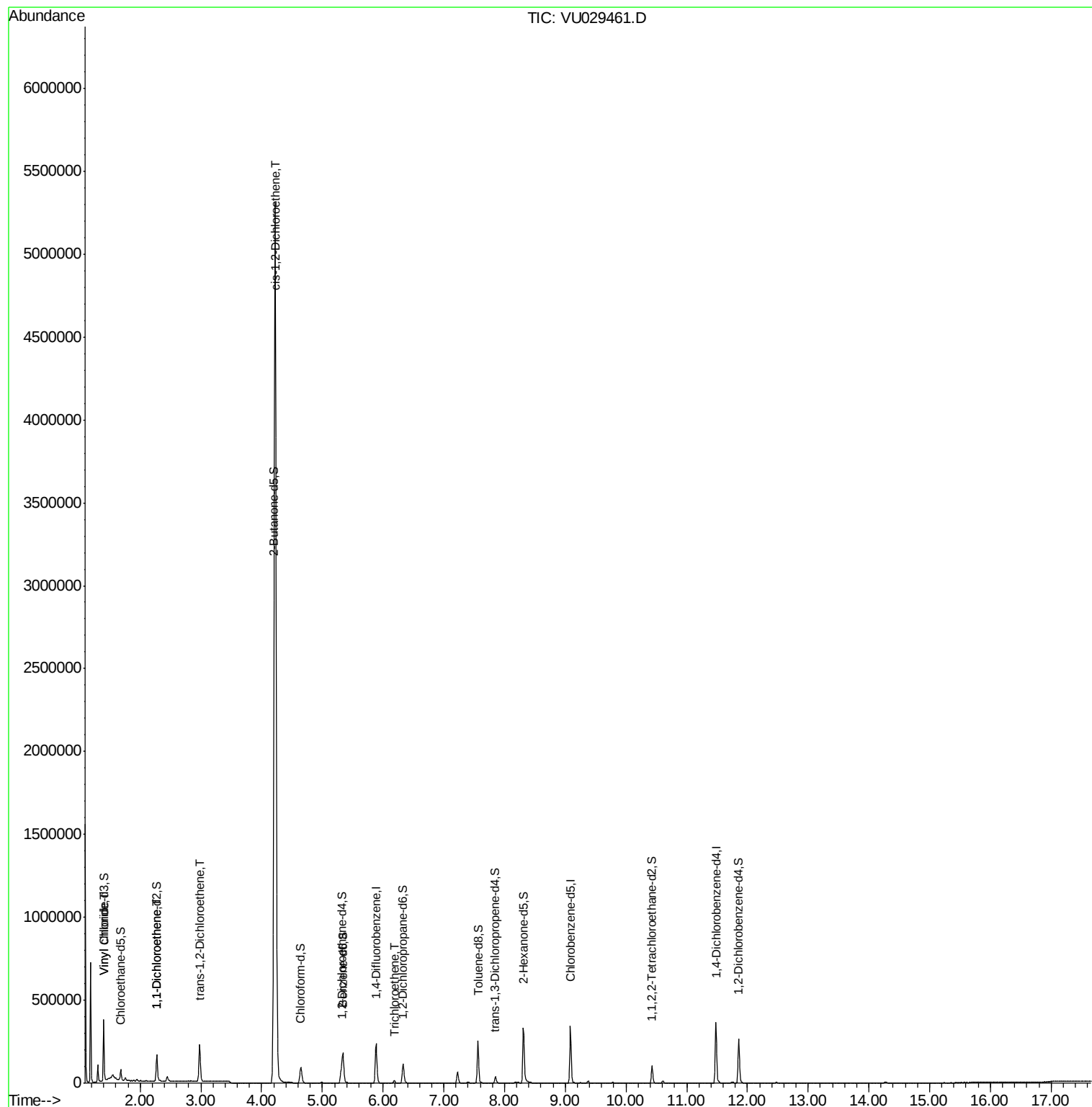
					Ovalue
5) Vinyl chloride	1.40	62	121029	5.874 ug/L	93
12) 1,1-Dichloroethene	2.28	96	9747	0.554 ug/L #	1
18) trans-1,2-Dichloroethene	2.98	96	89380	4.761 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	3081995	178.470 ug/L	98
34) Trichloroethene	6.19	95	4569	0.269 ug/L	92

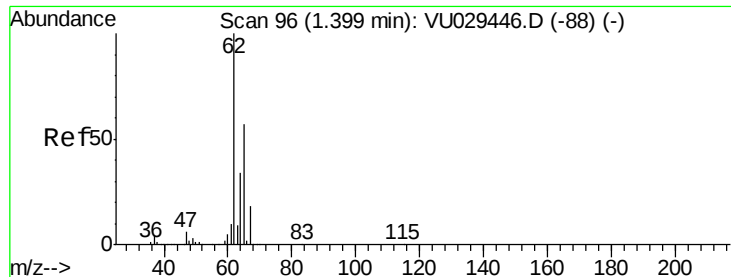
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021419\
Data File : VU029461.D
Acq On : 14 Feb 2019 16:29
Operator : JC/SP
Sample : K1436-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXA5

Quant Time: Feb 20 01:15:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.874 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029461.D

Acq: 14 Feb 2019 16:29

Instrument :

MSVOA_U

ClientSampled :

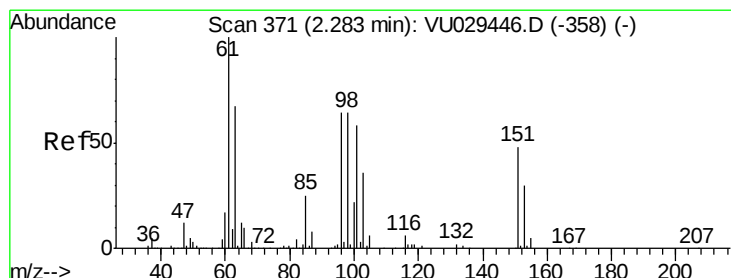
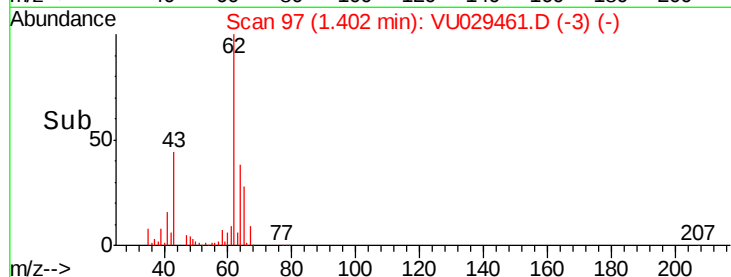
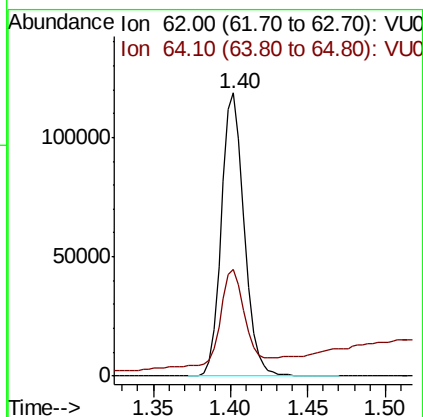
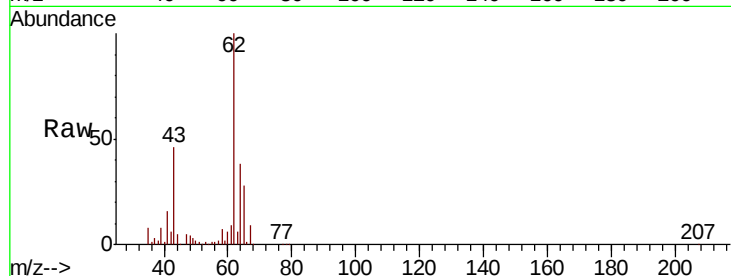
ESXA5

Tot Ion: 62 Resp: 121029

Ion Ratio Lower Upper

62 100

64 37.7 23.5 43.7



#12

1,1-Dichloroethene

Concen: 0.554 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029461.D

Acq: 14 Feb 2019 16:29

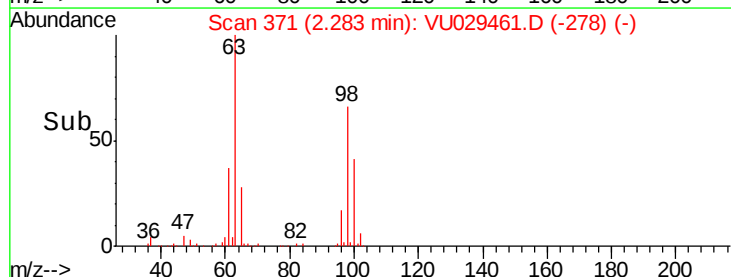
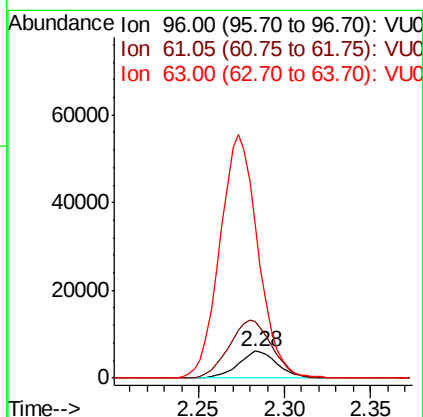
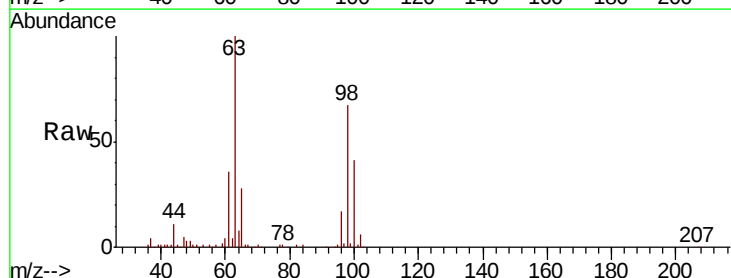
Tgt Ion: 96 Resp: 9747

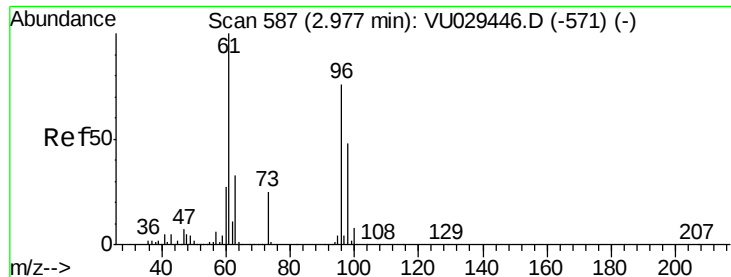
Ion Ratio Lower Upper

96 100

61 210.9 115.1 213.7

63 578.5 83.5 155.1#





#18

trans-1,2-Dichloroethene

Concen: 4.761 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029461.D

Acq: 14 Feb 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

ESXA5

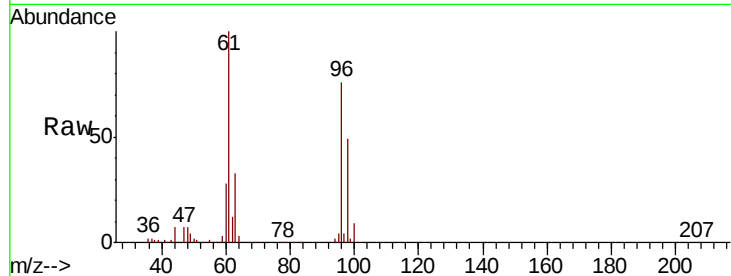
Tot Ion: 96 Resp: 89380

Ion Ratio Lower Upper

96 100

61 130.9 95.4 177.2

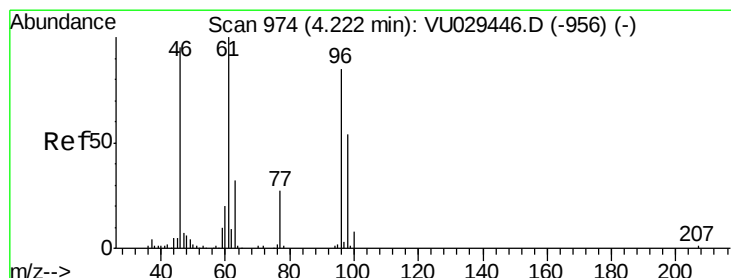
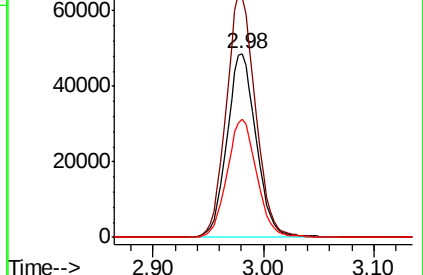
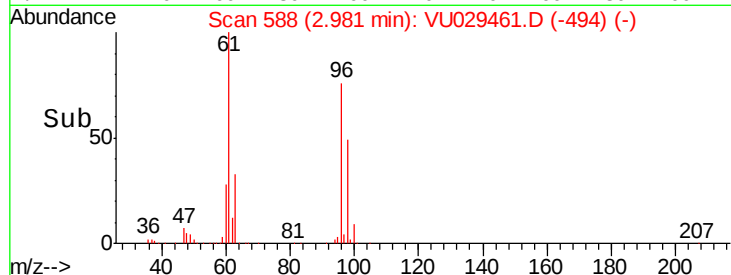
98 64.1 45.8 85.2



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: 178.470 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029461.D

Acq: 14 Feb 2019 16:29

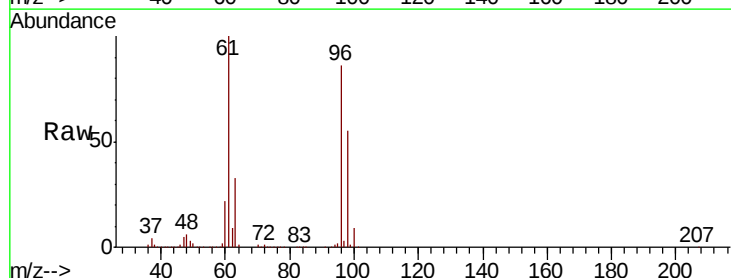
Tgt Ion: 96 Resp: 3081995

Ion Ratio Lower Upper

96 100

61 116.8 79.9 148.5

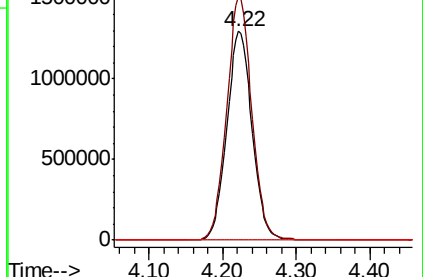
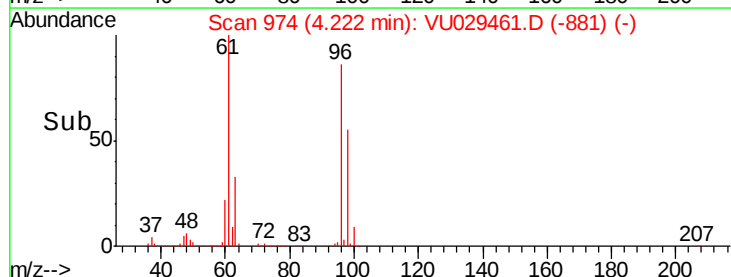
68 0.0 0.0 0.0

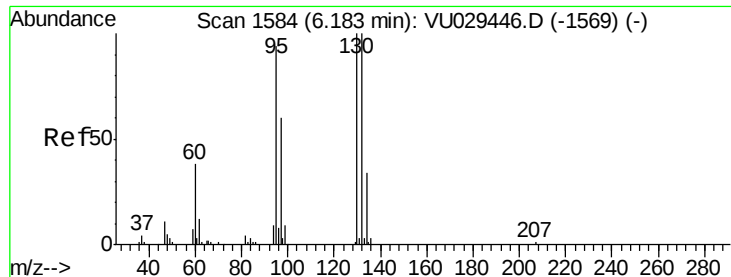


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.269 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU029461.D

Acq: 14 Feb 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

ESXA5

Tot Ion: 95 Resp: 4569

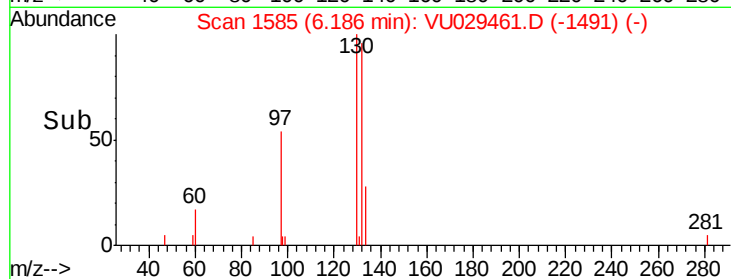
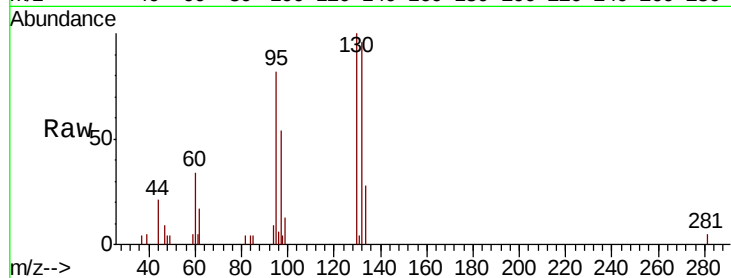
Ion Ratio Lower Upper

95 100

97 65.6 46.3 86.1

132 117.6 72.9 135.3

130 122.4 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

