

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033281.D
 Acq On : 17 Jul 2019 10:49
 Operator : JC/SP
 Sample : K3772-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52R8

Quant Time: Jul 18 08:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	127029	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	135775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48222	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.67	69	44339	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.26	63	79822	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.17	46	72052	29.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.78%
24) Chloroform-d	4.62	84	72475	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	5.29	65	44370	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.32	84	158908	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.31	67	52351	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.55	98	138395	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.83	79	19998	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.30	63	73364	37.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.08%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	43529	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	53148	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

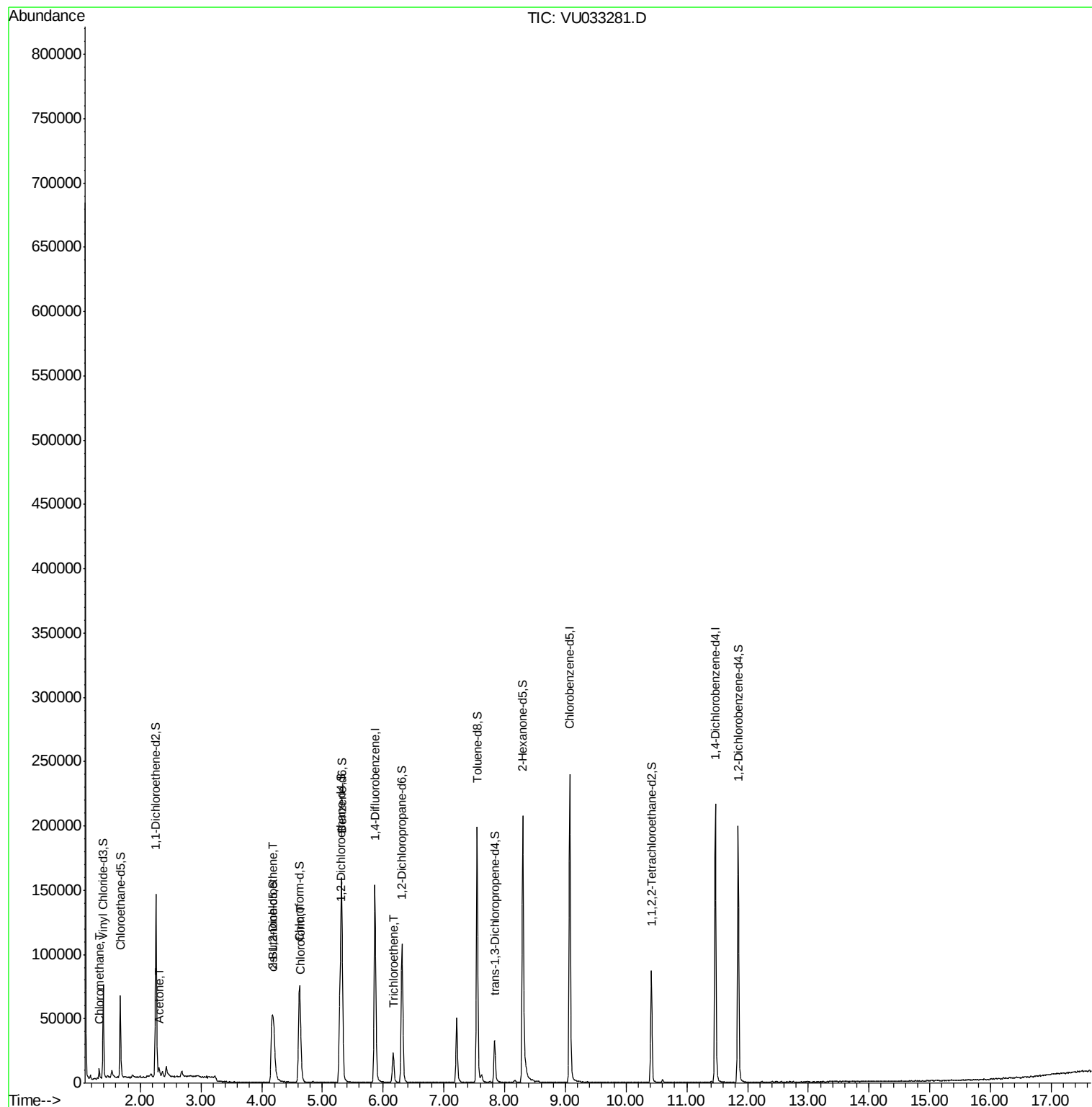
					Ovalue
3) Chloromethane	1.32	50	5223	0.410 ug/L	90
13) Acetone	2.31	43	5552	2.630 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	12765	1.310 ug/L	97
25) Chloroform	4.65	83	10624	0.554 ug/L	95
34) Trichloroethene	6.17	95	8482	0.834 ug/L	97

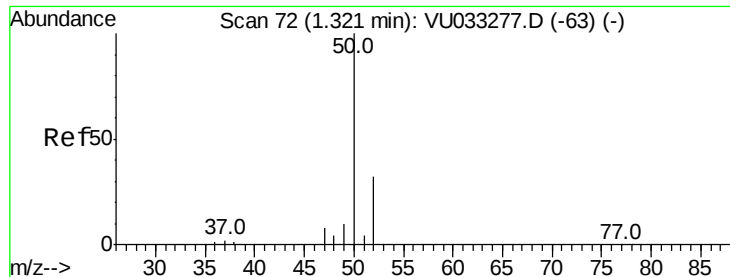
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.410 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033281.D

Acq: 17 Jul 2019 10:49

Instrument :

MSVOA_U

ClientSampleId :

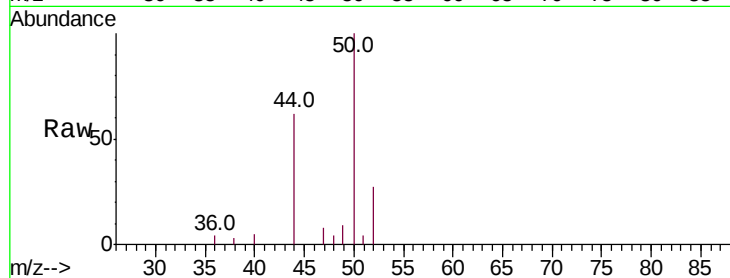
A52R8

Tot Ion: 50 Resp: 5223

Ion Ratio Lower Upper

50 100

52 27.5 23.3 43.3

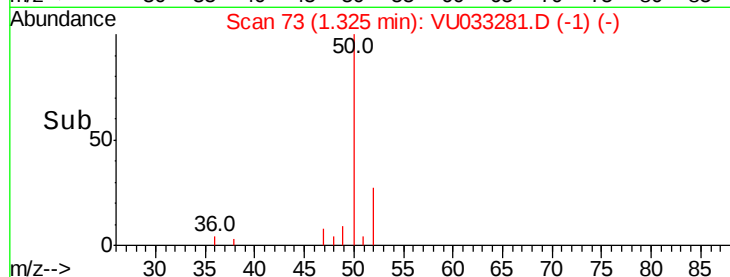


Abundance Ion 50.05 (49.75 to 50.75): VU033277.D (-63) (-)

Ion 52.05 (51.75 to 52.75): VU033281.D (-1) (-)

1.32

Time-->



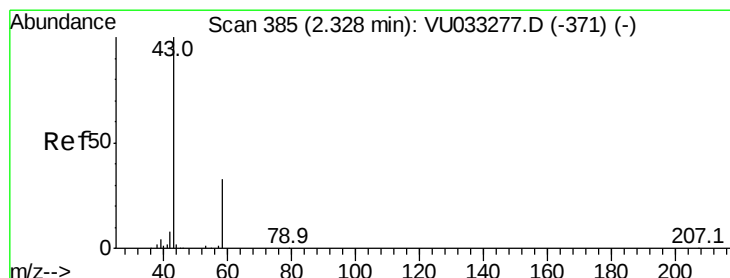
Abundance

Ion 50.05 (49.75 to 50.75): VU033277.D (-63) (-)

Ion 52.05 (51.75 to 52.75): VU033281.D (-1) (-)

1.32

Time-->



#13

Acetone

Concen: 2.630 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033281.D

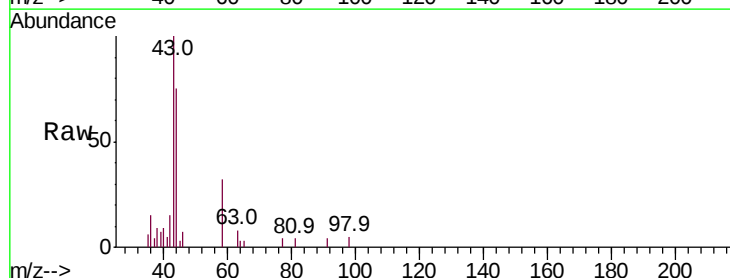
Acq: 17 Jul 2019 10:49

Tgt Ion: 43 Resp: 5552

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.6

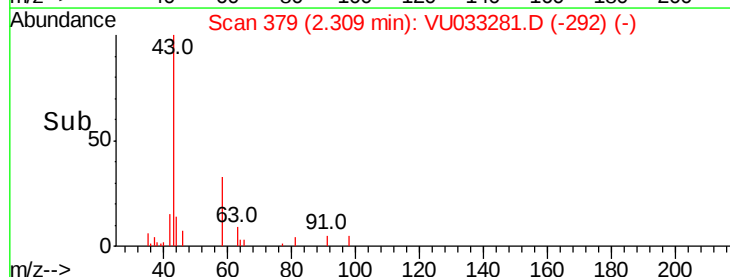


Abundance Ion 43.05 (42.75 to 43.75): VU033277.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU033281.D (-292) (-)

2.31

Time-->



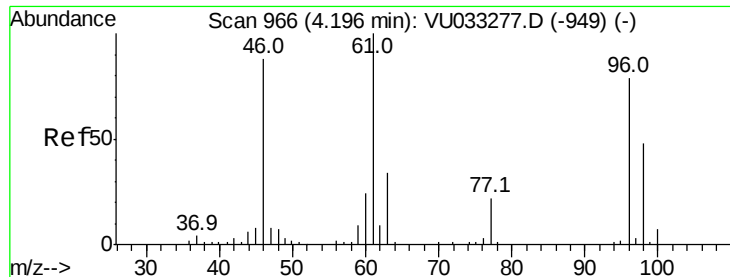
Abundance

Ion 43.05 (42.75 to 43.75): VU033277.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU033281.D (-292) (-)

2.31

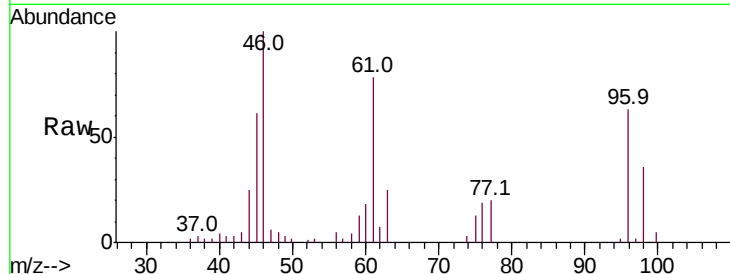
Time-->



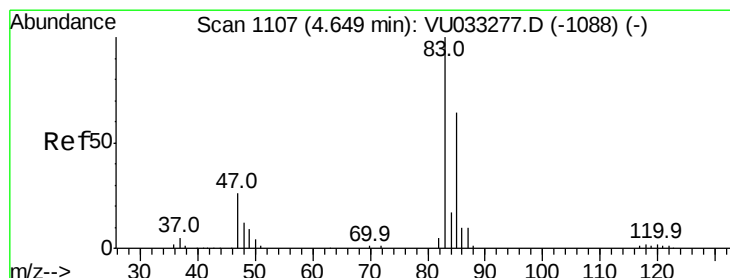
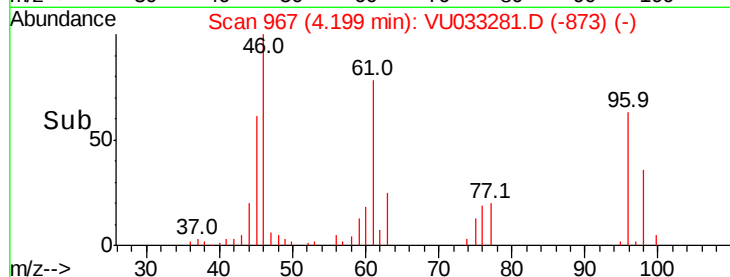
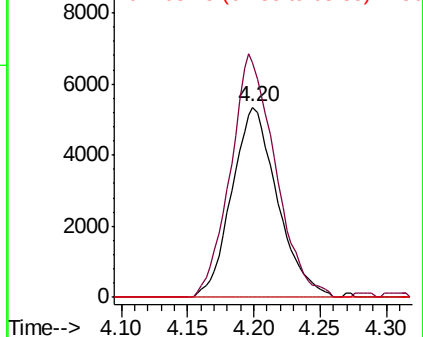
#22
 cis-1,2-Dichloroethene
 Concen: 1.310 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033281.D
 Acq: 17 Jul 2019 10:49

Instrument :
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Tot Ion: 96 Resp: 12765
 Ion Ratio Lower Upper
 96 100
 61 123.4 89.2 165.6
 68 0.0 0.0 0.0

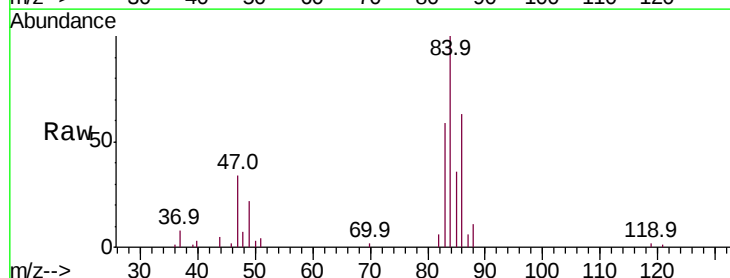


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

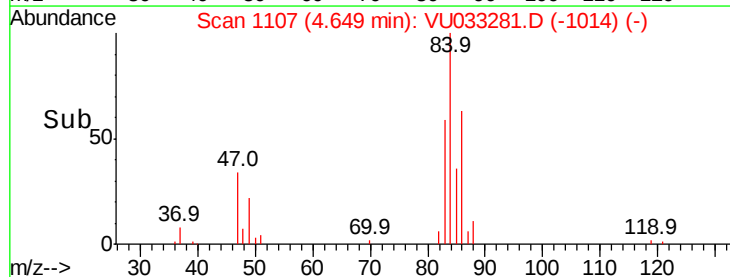
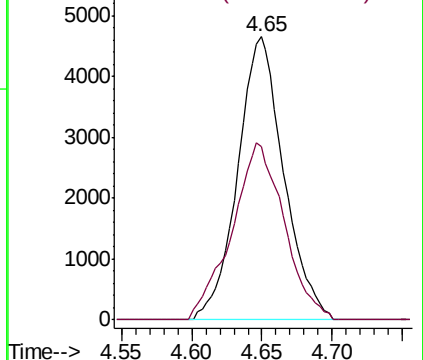


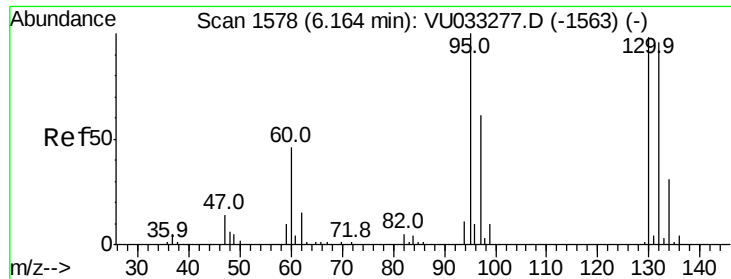
#25
 Chloroform
 Concen: 0.554 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU033281.D
 Acq: 17 Jul 2019 10:49

Tgt Ion: 83 Resp: 10624
 Ion Ratio Lower Upper
 83 100
 85 61.0 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.834 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033281.D

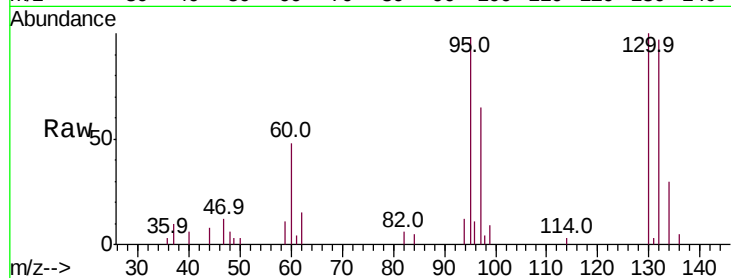
Acq: 17 Jul 2019 10:49

Instrument :

MSVOA_U

ClientSampleId :

A52R8



Tot Ion: 95 Resp: 8482

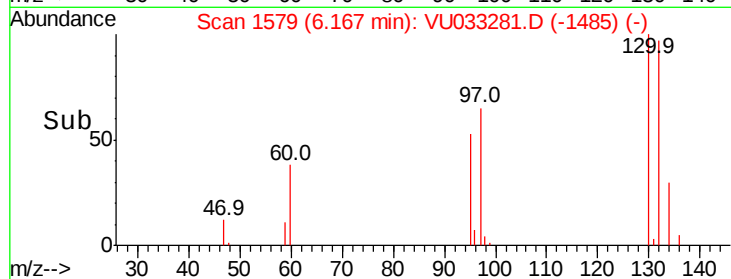
Ion Ratio Lower Upper

95 100

97 66.2 44.5 82.7

132 98.4 66.6 123.8

130 101.7 68.9 127.9



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

