

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015285.D
 Acq On : 30 Mar 2020 20:31
 Operator : SY/MD
 Sample : L1975-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	588101	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	562888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	247243	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120124	28.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.02%#
7) Chloroethane-d5	1.58	69	121339	30.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.82%#
11) 1,1-Dichloroethene-d2	2.12	63	180445	19.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.02%#
21) 2-Butanone-d5	3.93	46	241459	86.10	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	4.38	84	264104	34.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.52%#
26) 1,2-Dichloroethane-d4	5.06	65	176743	35.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.16%
32) Benzene-d6	5.08	84	480057	32.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.34%#
36) 1,2-Dichloropropane-d6	6.09	67	166482	36.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.46%
41) Toluene-d8	7.34	98	433480	30.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.98%#
43) trans-1,3-Dichloropropene-	7.64	79	70569	28.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.40%#
47) 2-Hexanone-d5	8.11	63	213234	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	261254	38.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	176508	35.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.74%#

Target Compounds

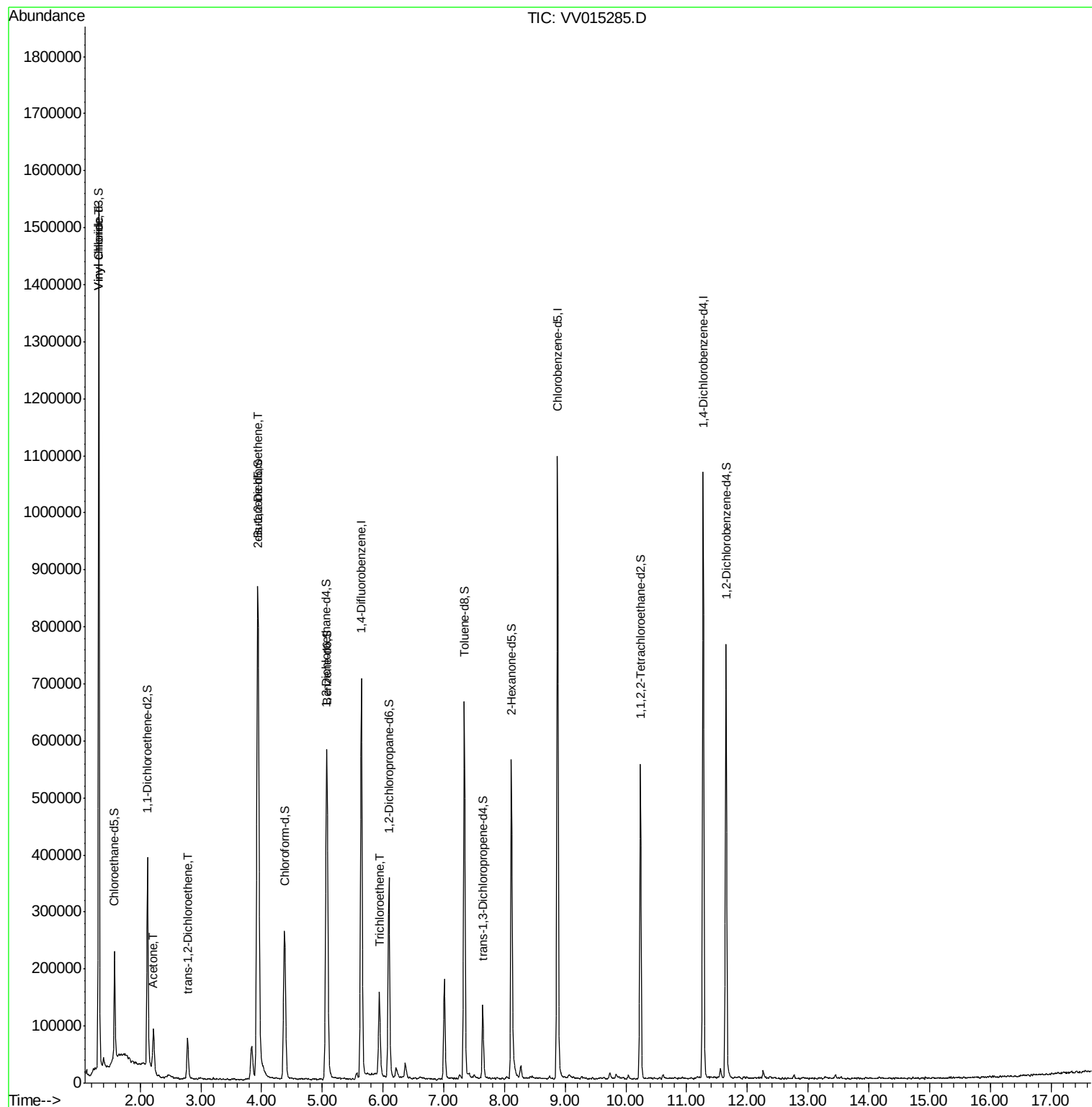
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	827163	166.872	ug/L	98
13) Acetone	2.21	43	52448	27.408	ug/L	91
17) trans-1,2-Dichloroethene	2.78	96	25954	7.121	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	428204	104.510	ug/L	# 99
34) Trichloroethene	5.94	95	49648	12.420	ug/L	98

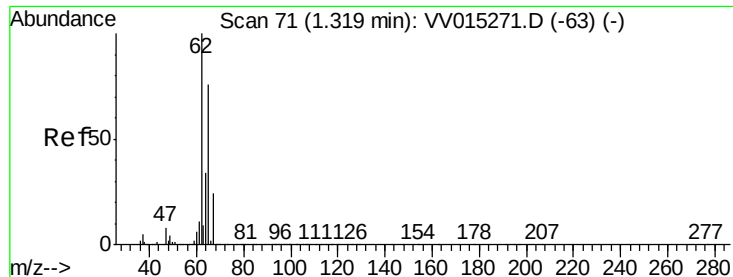
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 166.872 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015285.D

Acq: 30 Mar 2020 20:31

Instrument :

MSVOA_V

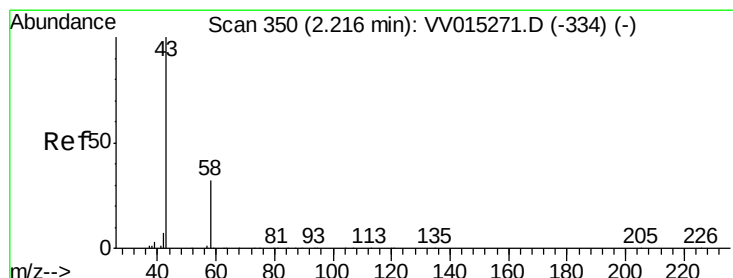
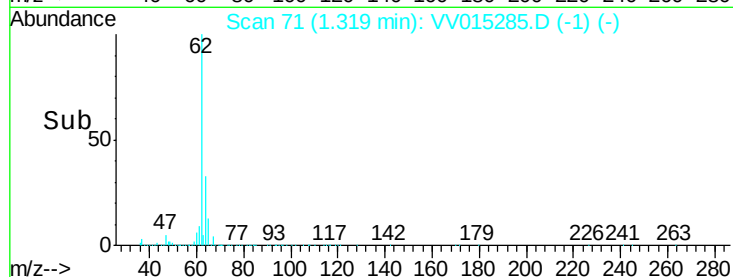
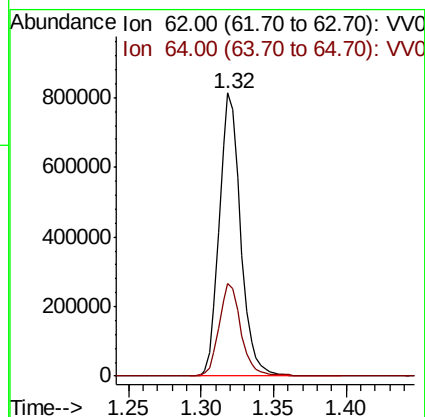
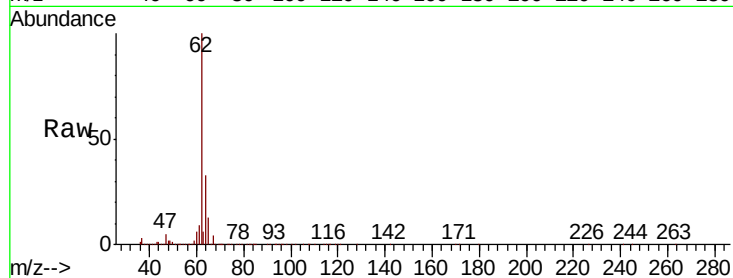
ClientSampleId :

Tot Ion: 62 Resp: 827163

Ion Ratio Lower Upper

62 100

64 32.7 23.9 44.3



#13

Acetone

Concen: 27.408 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV015285.D

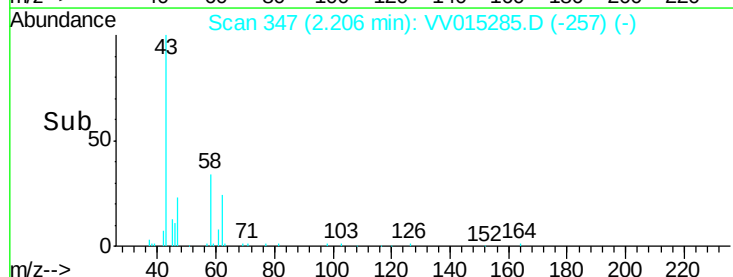
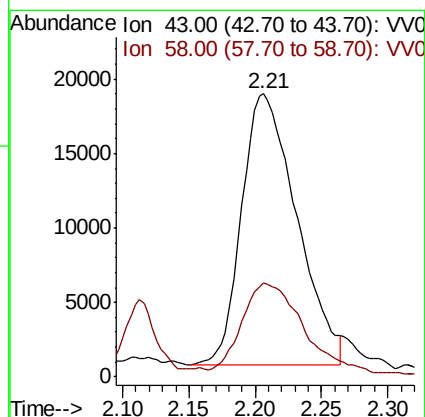
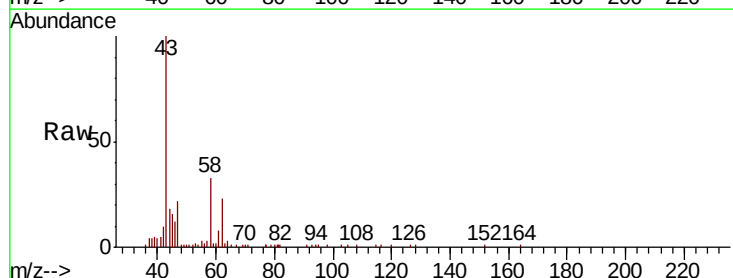
Acq: 30 Mar 2020 20:31

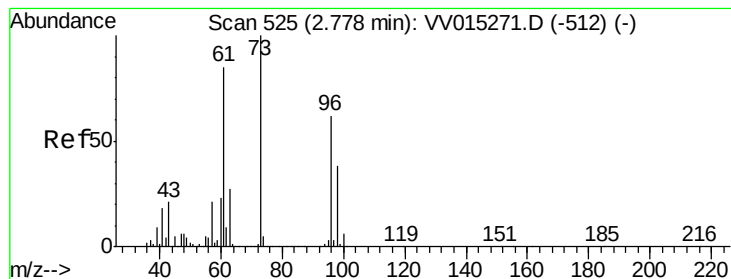
Tgt Ion: 43 Resp: 52448

Ion Ratio Lower Upper

43 100

58 36.9 0.0 63.6





#17

trans-1,2-Dichloroethene

Concen: 7.121 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV015285.D

Acq: 30 Mar 2020 20:31

Instrument :
MSVOA_V
ClientSampled :

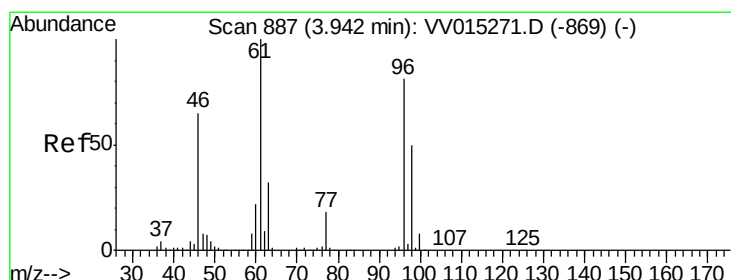
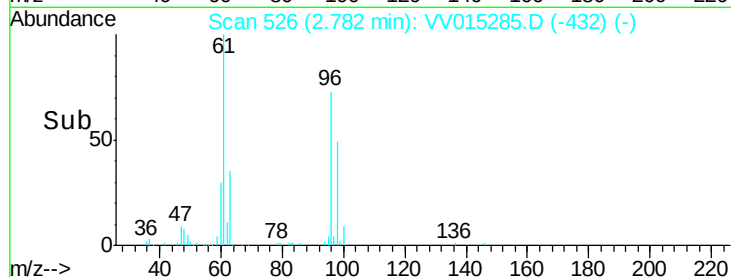
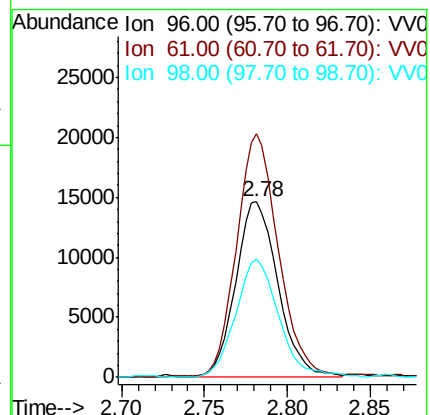
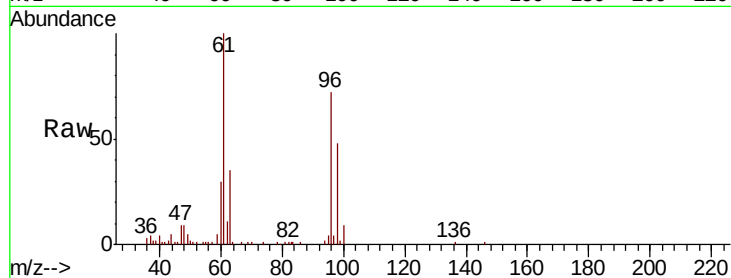
Tot Ion: 96 Resp: 25954

Ion Ratio Lower Upper

96 100

61 138.6 98.5 182.9

98 67.0 45.5 84.5



#20

cis-1,2-Dichloroethene

Concen: 104.510 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV015285.D

Acq: 30 Mar 2020 20:31

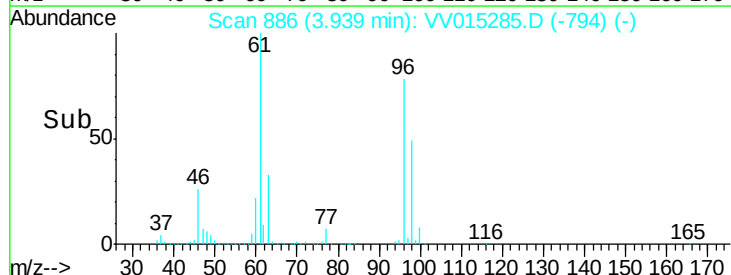
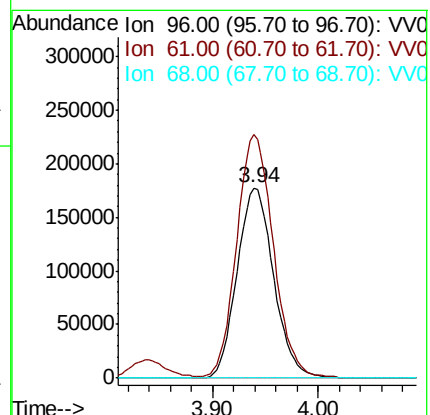
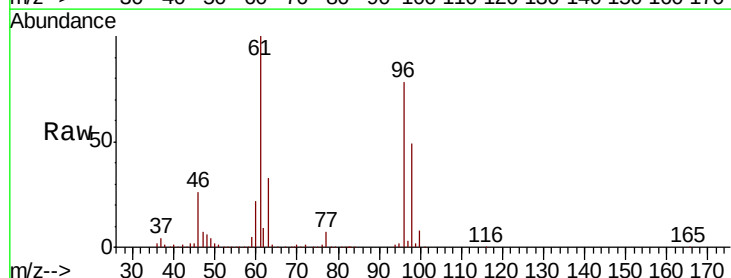
Tgt Ion: 96 Resp: 428204

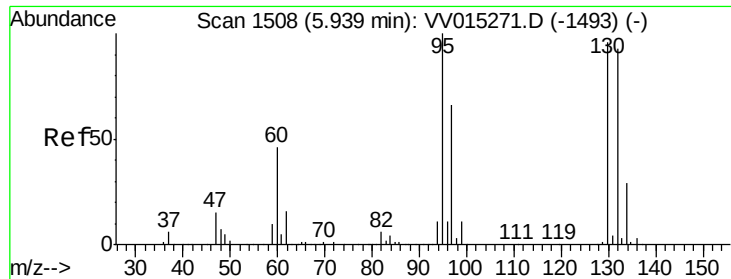
Ion Ratio Lower Upper

96 100

61 128.1 90.2 167.6

68 0.1 0.1 0.1#





#34

Trichloroethene

Concen: 12.420 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

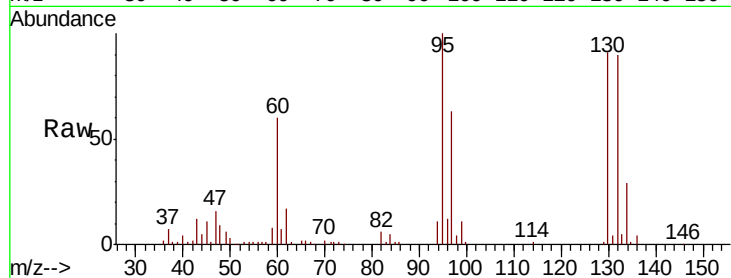
Lab File: VV015285.D

Acq: 30 Mar 2020 20:31

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion: 95 Resp: 49648

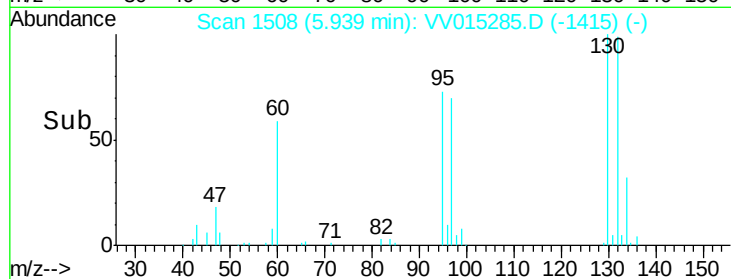
Ion Ratio Lower Upper

95 100

97 63.5 44.0 81.6

132 90.0 61.8 114.8

130 90.5 64.5 119.9



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

