

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014072.D
 Acq On : 16 Dec 2019 15:11
 Operator : SY/MD
 Sample : K6275-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDS1

Quant Time: Dec 17 06:35:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 05:42:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98780	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	94112	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	126330	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	311921	64.16	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.32%
24) Chloroform-d	4.40	84	179694	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	5.08	65	104952	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.09	84	367060	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	6.11	67	127640	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	279083	3.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.80%#
43) trans-1,3-Dichloropropene-	7.66	79	42612	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.14	63	200353	48.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97199	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	132182	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

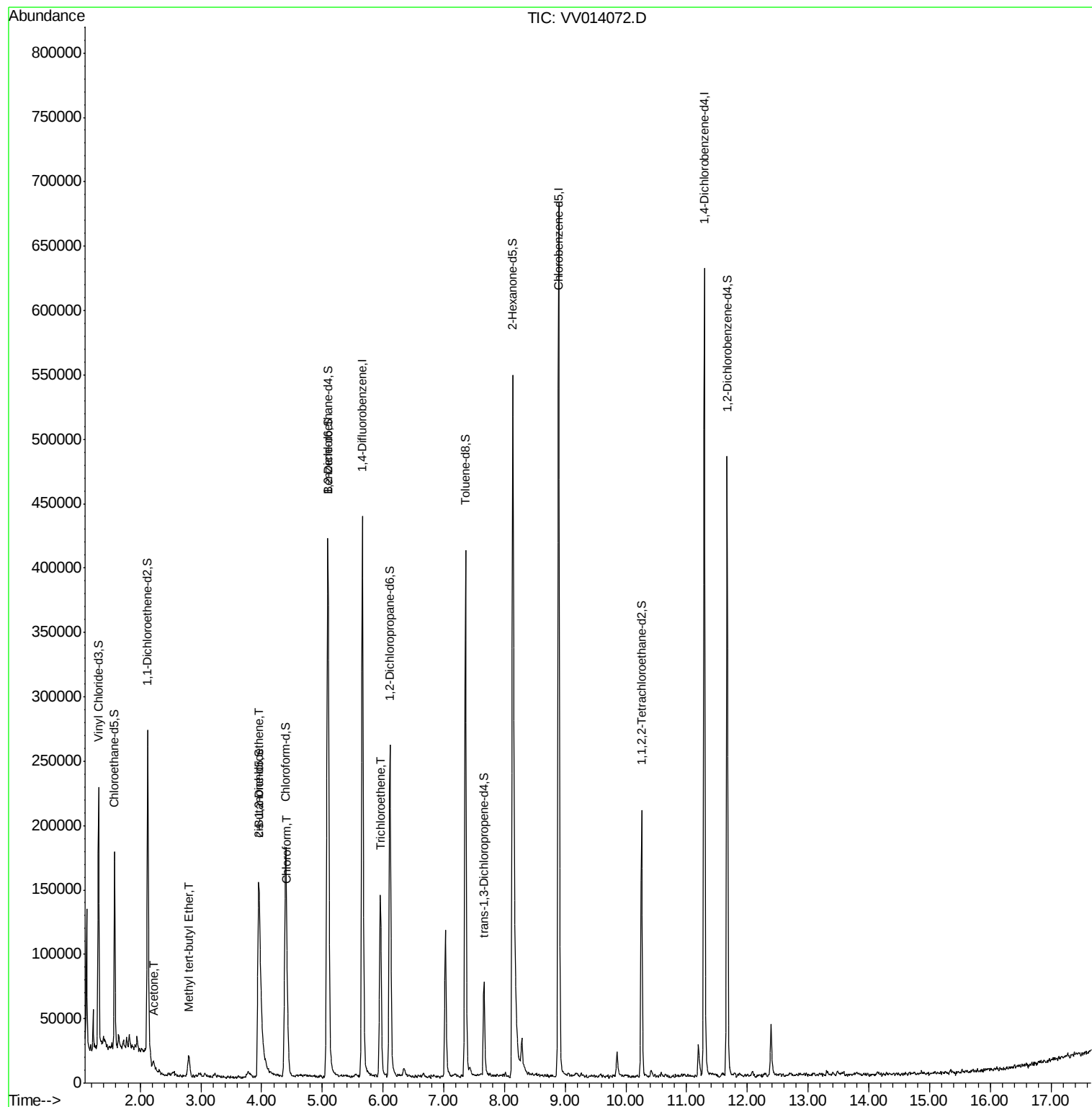
					Qvalue
13) Acetone	2.23	43	11931	3.509 ug/L	68
17) Methyl tert-butyl Ether	2.81	73	11348	0.228 ug/L #	80
22) cis-1,2-Dichloroethene	3.96	96	10828	0.450 ug/L	90
25) Chloroform	4.42	83	28528	0.657 ug/L	95
34) Trichloroethene	5.96	95	47633	1.886 ug/L	97

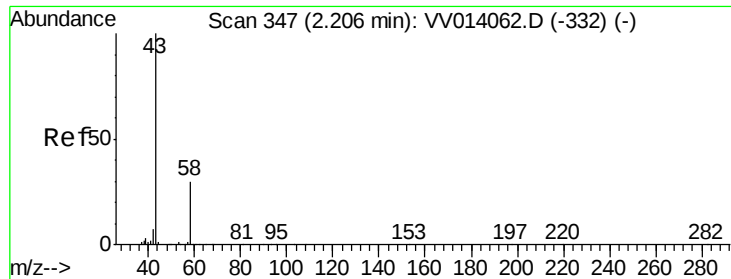
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.509 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

Lab File: VV014072.D

Acq: 16 Dec 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

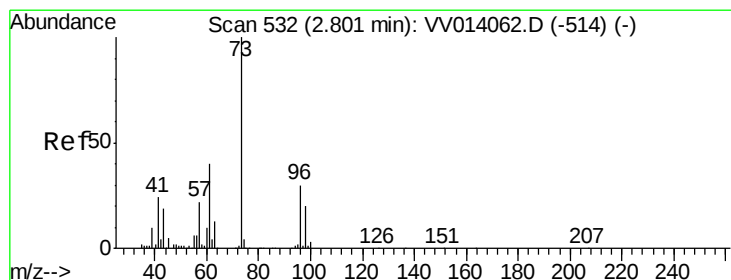
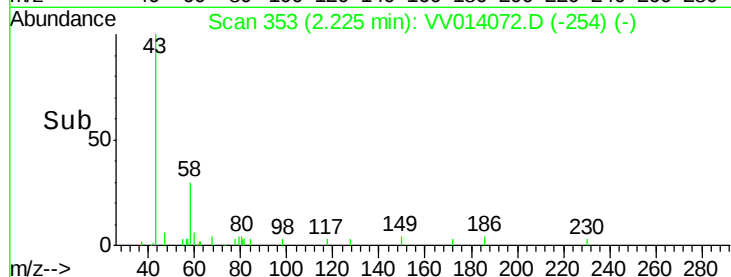
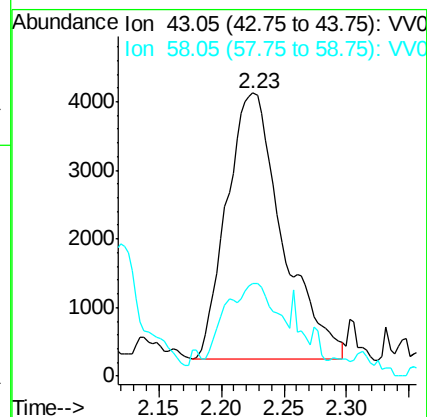
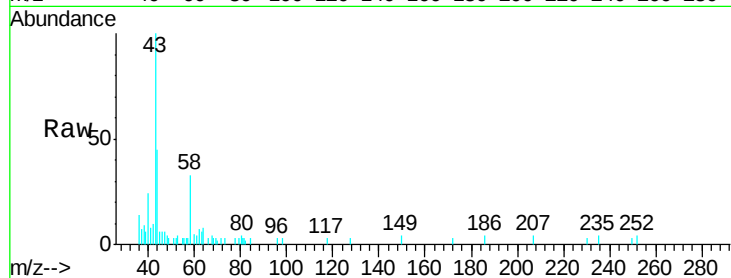
BFDS1

Tgt Ion: 43 Resp: 11931

Ion Ratio Lower Upper

43 100

58 26.6 0.0 27.2



#17

Methyl tert-butyl Ether

Concen: 0.228 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.01 min

Lab File: VV014072.D

Acq: 16 Dec 2019 15:11

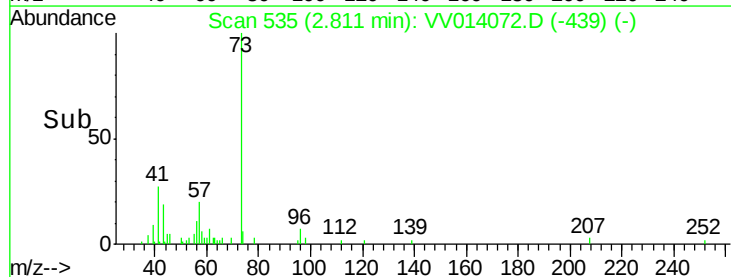
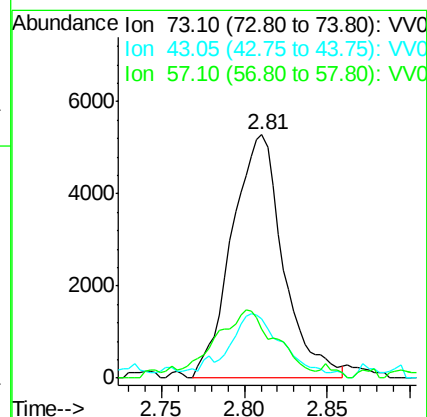
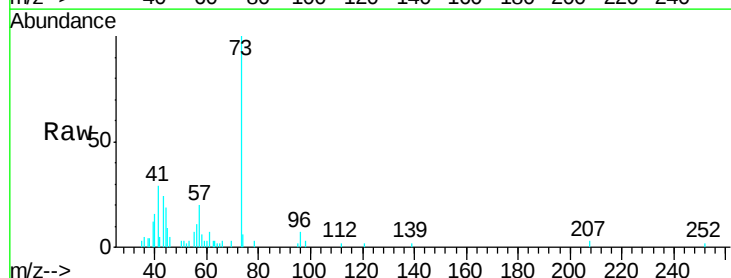
Tgt Ion: 73 Resp: 11348

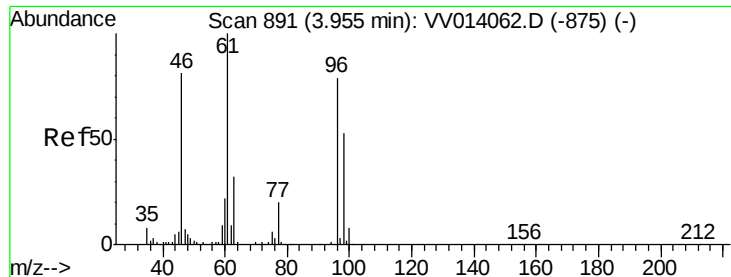
Ion Ratio Lower Upper

73 100

43 26.6 15.5 23.3#

57 33.3 17.5 26.3#



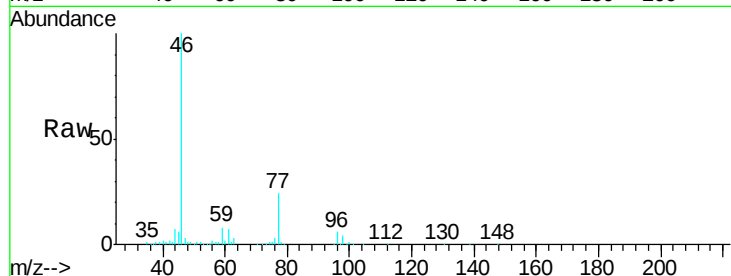


#22

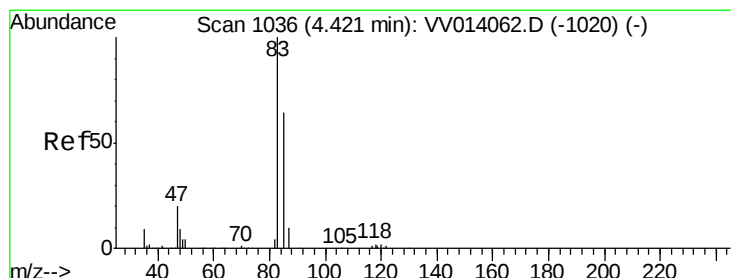
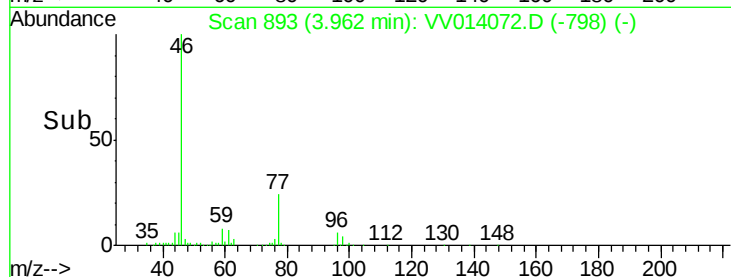
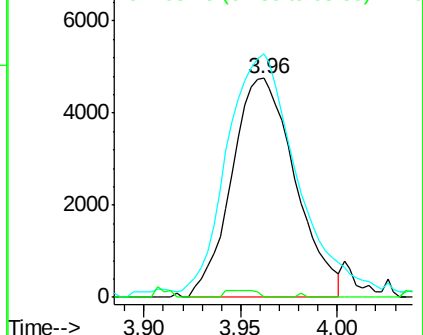
cis-1,2-Dichloroethene
Concen: 0.450 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014072.D
Acq: 16 Dec 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
BFDS1

Tgt Ion: 96 Resp: 10828
Ion Ratio Lower Upper
96 100
61 111.2 86.1 159.9
68 0.0 0.0 0.0



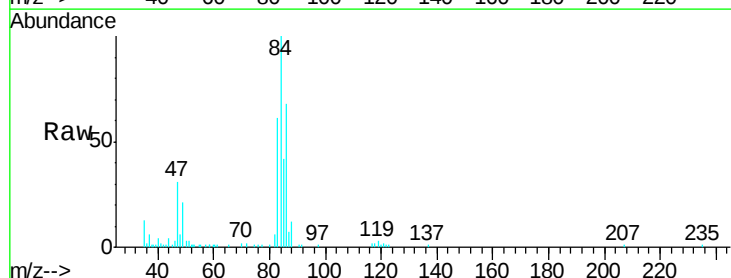
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



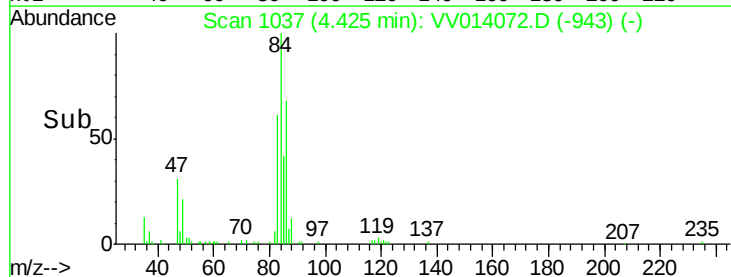
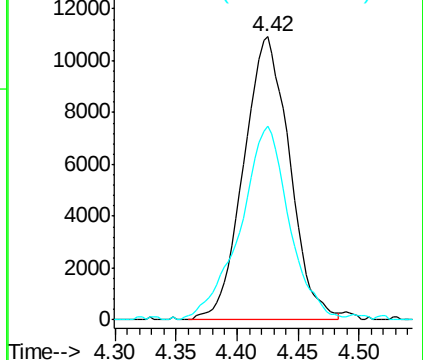
#25

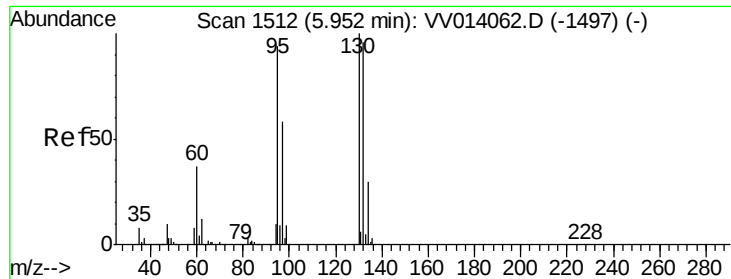
Chloroform
Concen: 0.657 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014072.D
Acq: 16 Dec 2019 15:11

Tgt Ion: 83 Resp: 28528
Ion Ratio Lower Upper
83 100
85 68.5 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.886 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014072.D

Acq: 16 Dec 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

BFDS1

Tgt Ion: 95 Resp: 47633

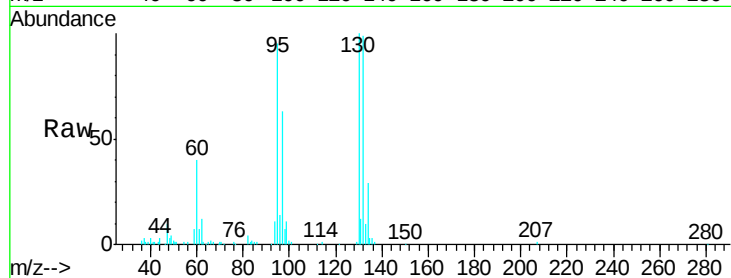
Ion Ratio Lower Upper

95 100

97 66.6 45.6 84.8

132 104.5 70.5 130.9

130 105.2 75.9 140.9



Abundance Ion 95.00 (94.70 to 95.70): VV014072.D (-1419) (-)

Ion 96.95 (96.65 to 97.65): VV014072.D (-1419) (-)

Ion 131.95 (131.65 to 132.65): VV014072.D (-1419) (-)

Ion 129.95 (129.65 to 130.65): VV014072.D (-1419) (-)

