

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012576.D
 Acq On : 04 Sep 2019 19:17
 Operator : SY/MD
 Sample : K4685-11
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD80

Quant Time: Sep 05 03:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 05 01:26:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	73946	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	23614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29998	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	36191	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	55019	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.93	46	102091	74.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.20%#
24) Chloroform-d	4.40	84	51800	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	38608	6.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.80%#
32) Benzene-d6	5.10	84	98146	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	35267	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	73322	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.66	79	11542	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	59272	63.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32077	6.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	24656	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

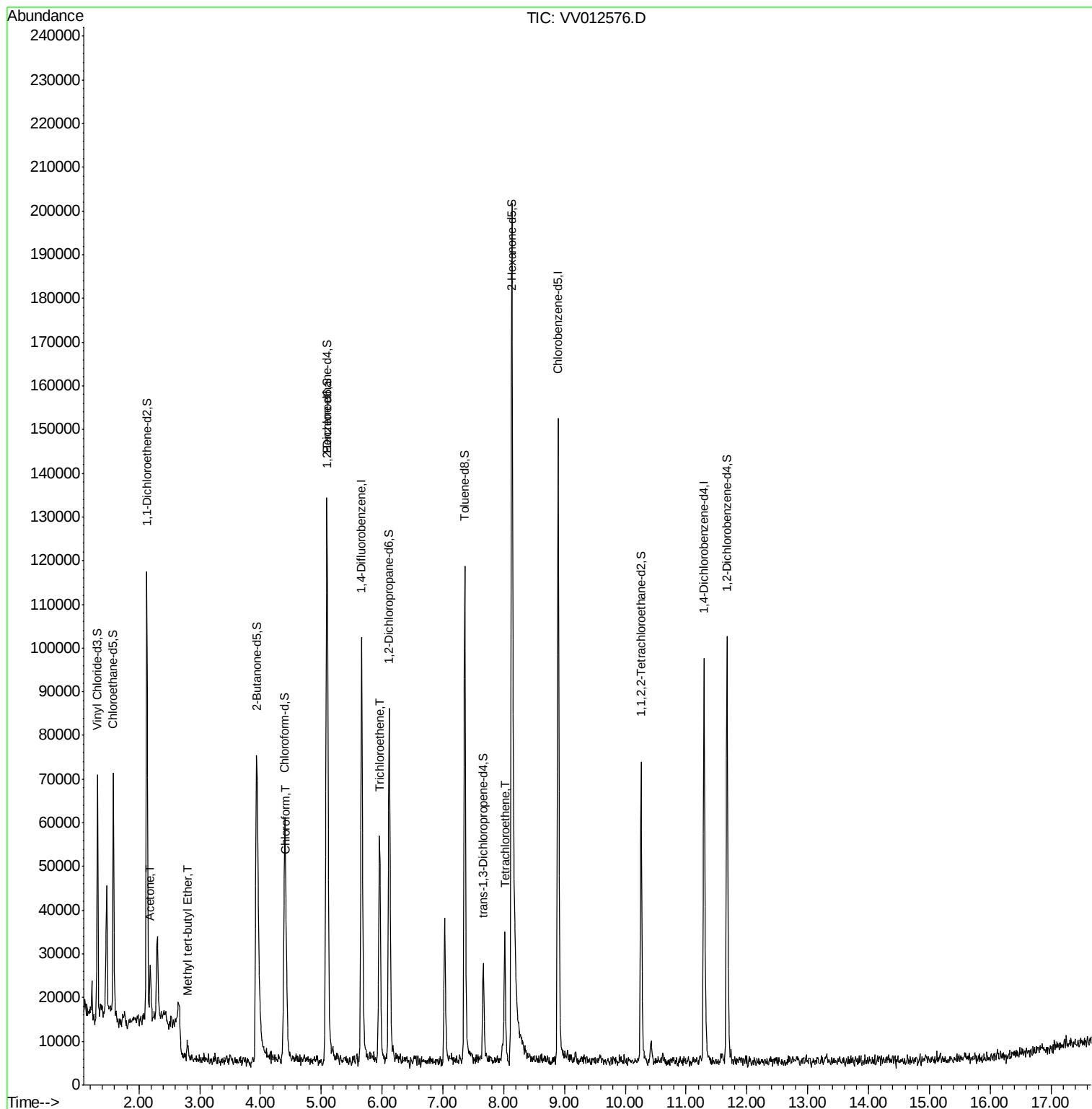
					Ovalue
13) Acetone	2.19	43	10948	5.638 ug/L	89
17) Methyl tert-butyl Ether	2.80	73	2831	0.174 ug/L #	87
25) Chloroform	4.43	83	10205	0.662 ug/L	90
34) Trichloroethene	5.96	95	16104	1.843 ug/L	96
47) Tetrachloroethene	8.02	164	6331	1.003 ug/L	96

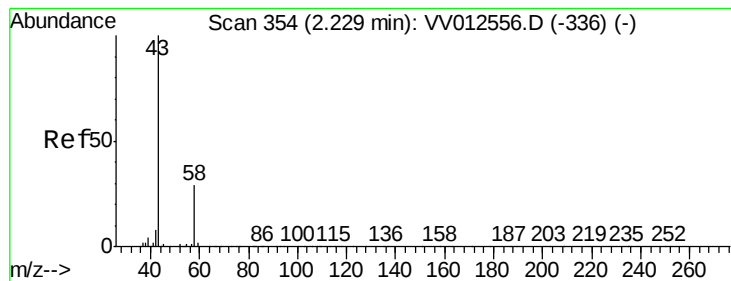
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.638 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

Instrument :

MSVOA_V

ClientSampleId :

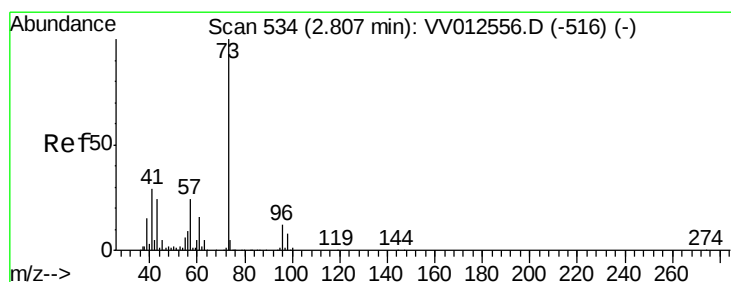
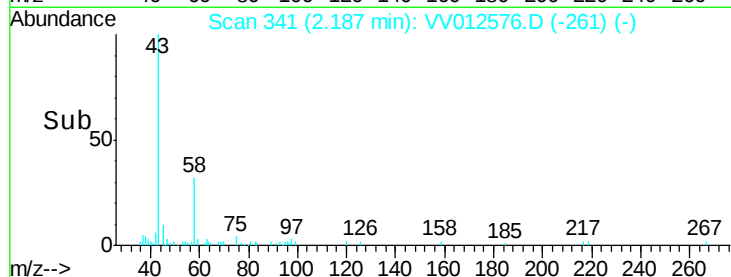
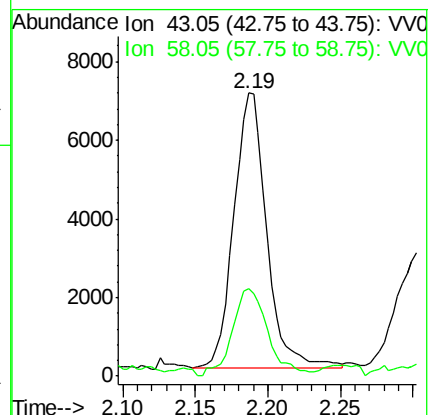
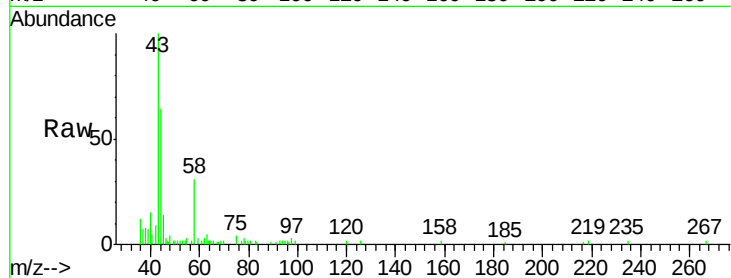
BFD80

Tot Ion: 43 Resp: 10948

Ion Ratio Lower Upper

43 100

58 34.7 0.0 58.2



#17

Methyl tert-butyl Ether

Concen: 0.174 ug/L

RT: 2.80 min Scan# 532

Delta R.T. -0.01 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

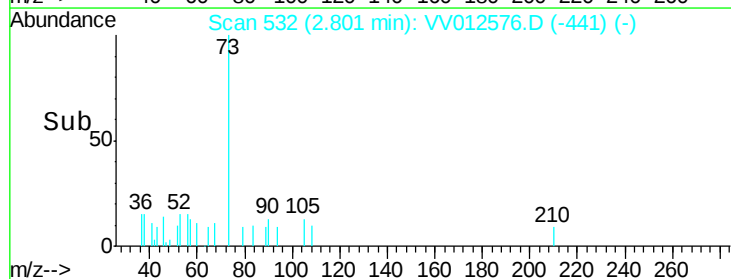
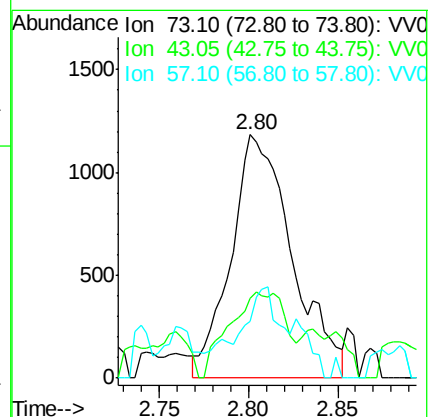
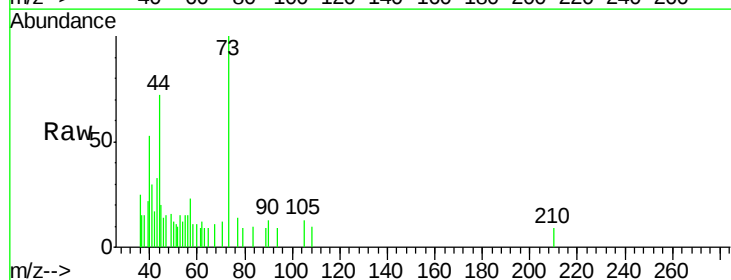
Tgt Ion: 73 Resp: 2831

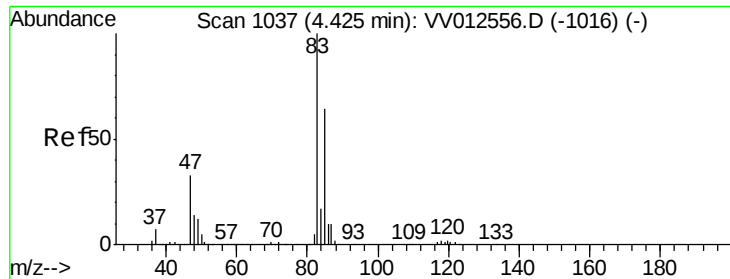
Ion Ratio Lower Upper

73 100

43 32.5 18.9 28.3#

57 19.4 18.3 27.5





#25

Chloroform

Concen: 0.662 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012576.D

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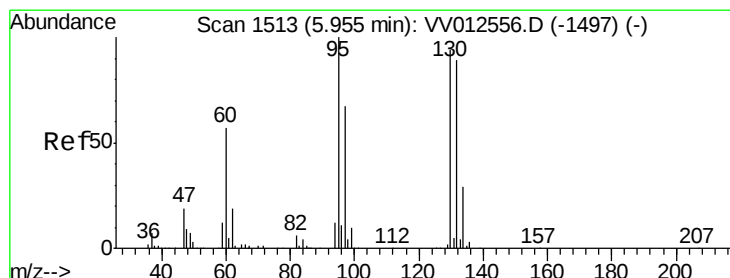
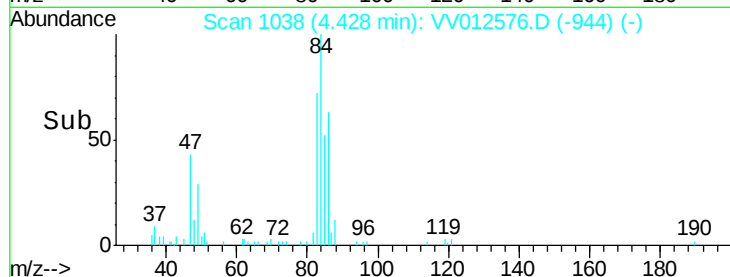
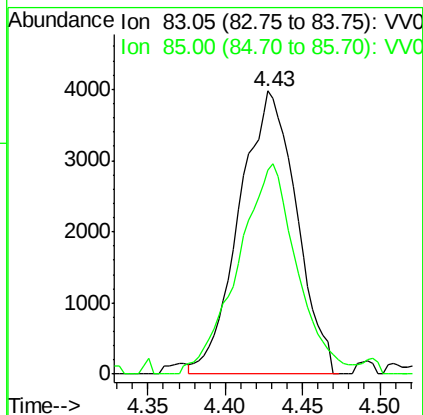
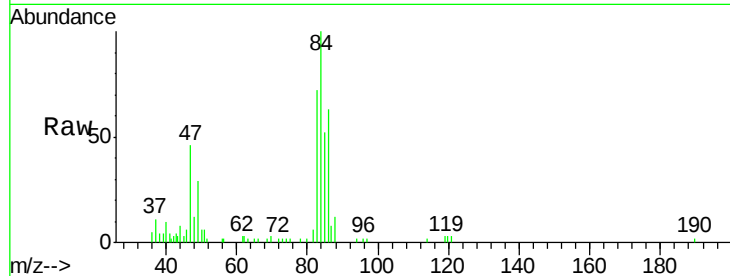
Instrument :
MSVOA_V
ClientSampleId :
BFD80

Tot Ion: 83 Resp: 10205

Ion Ratio Lower Upper

83 100

85 72.2 45.1 83.9



#34

Trichloroethene

Concen: 1.843 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

Tgt Ion: 95 Resp: 16104

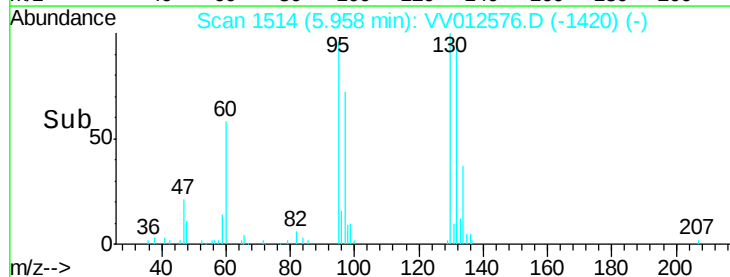
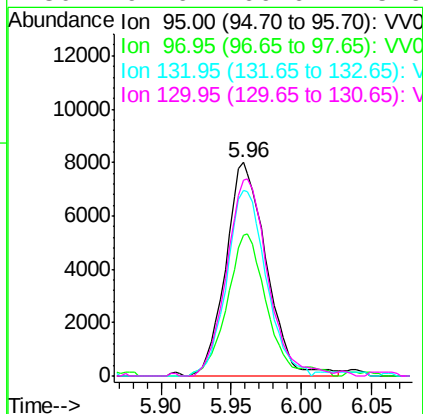
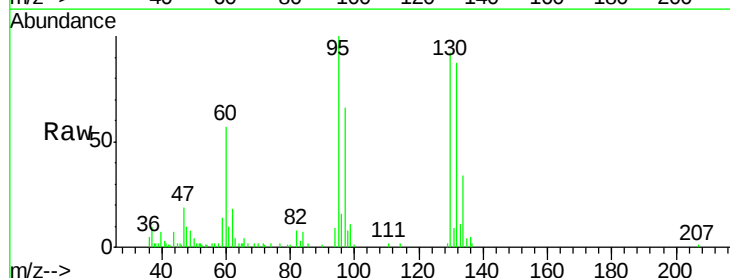
Ion Ratio Lower Upper

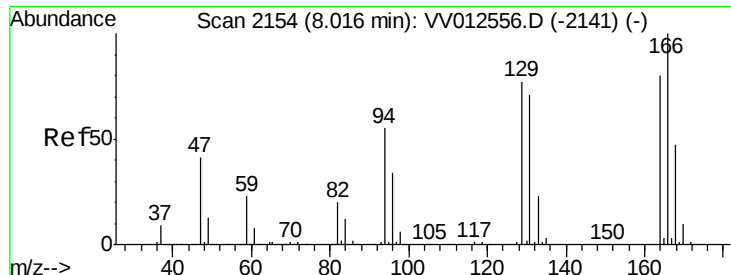
95 100

97 65.9 44.7 83.1

132 86.6 63.8 118.4

130 91.6 66.6 123.6





#47

Tetrachloroethene

Concen: 1.003 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

Instrument :

MSVOA_V

ClientSampleId :

BFD80

Tot Ion:164 Resp: 6331

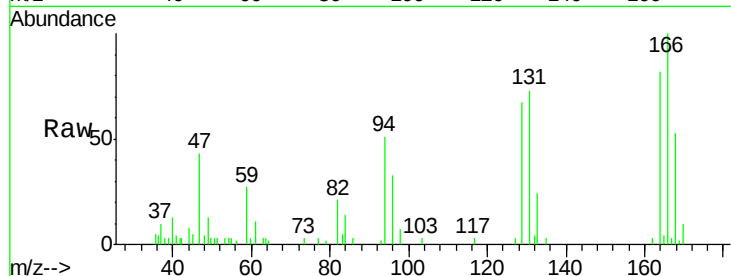
Ion Ratio Lower Upper

164 100

129 82.1 64.5 119.9

131 89.4 62.3 115.7

166 121.7 86.5 160.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

