

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012572.D
 Acq On : 04 Sep 2019 17:31
 Operator : SY/MD
 Sample : K4685-07
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD76

Quant Time: Sep 05 03:19:28 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	130846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	45225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52683	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	59626	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	97472	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.97	46	147150	60.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.54%
24) Chloroform-d	4.40	84	94949	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	54052	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	170751	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	58657	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	134348	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	17750	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	83992	52.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41568	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43222	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

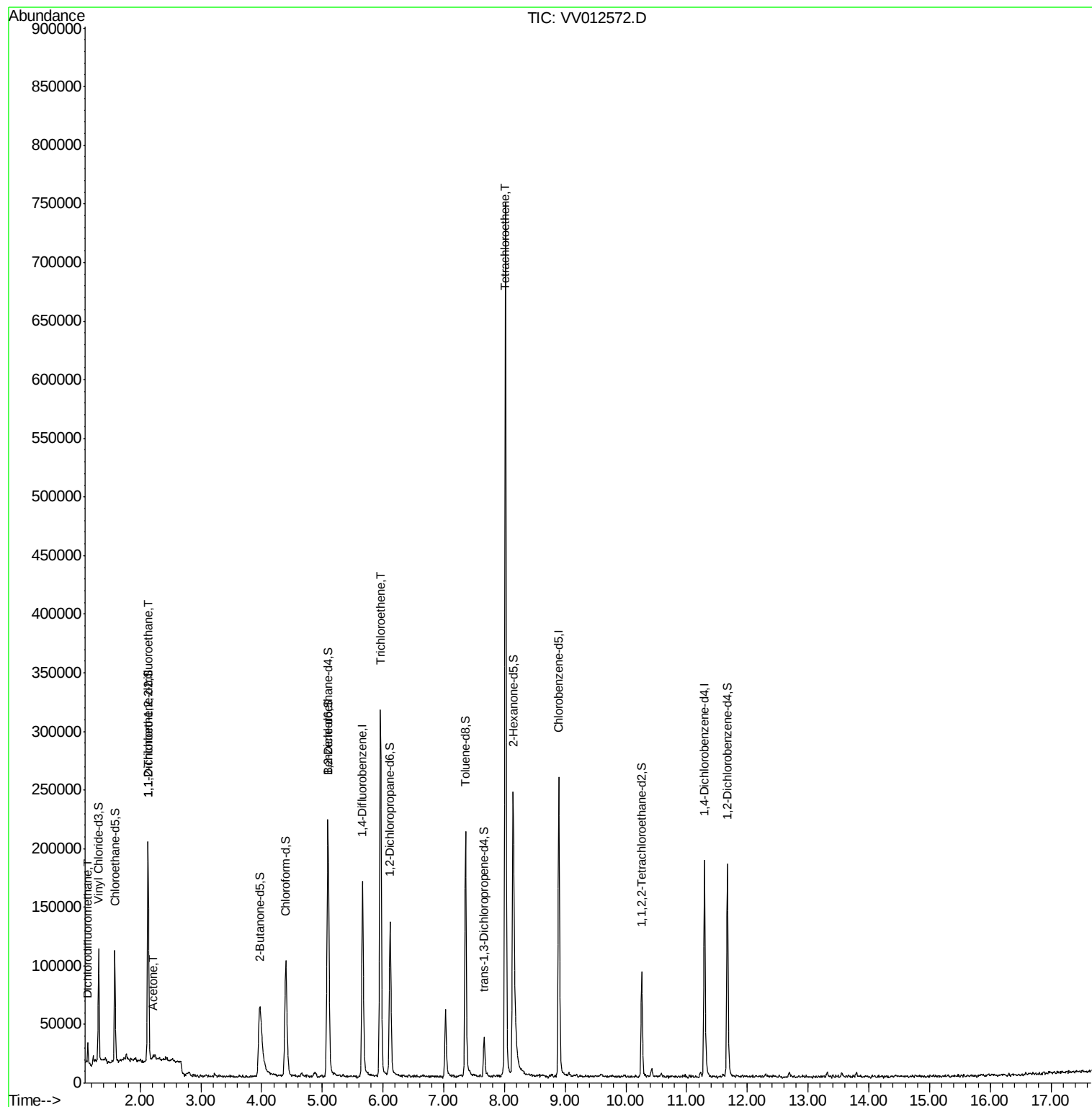
					Ovalue
2) Dichlorodifluoromethane	1.14	85	10297	0.615 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3242	0.176 ug/L	95
13) Acetone	2.22	43	10286	2.993 ug/L	92
34) Trichloroethene	5.96	95	103282	6.929 ug/L	98
47) Tetrachloroethene	8.02	164	146965	13.645 ug/L	98

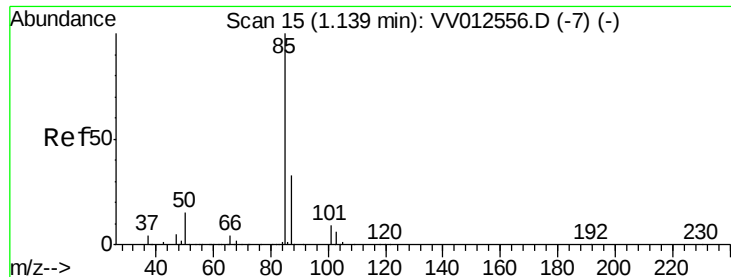
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.615 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012572.D

Acq: 04 Sep 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

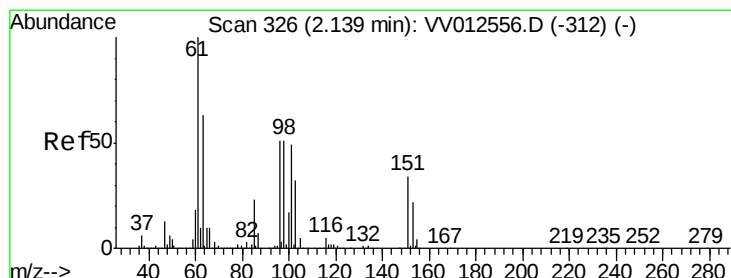
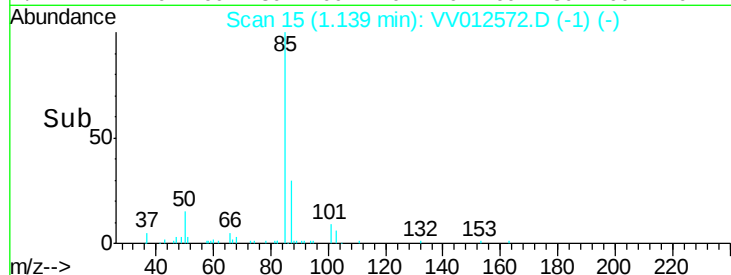
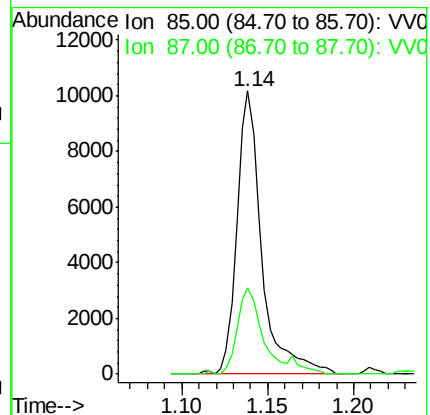
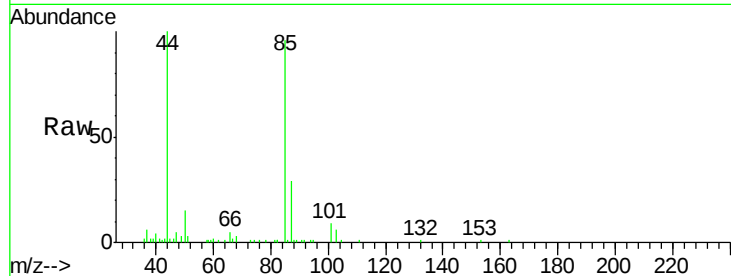
BFD76

Tot Ion: 85 Resp: 10297

Ion Ratio Lower Upper

85 100

87 30.2 26.4 39.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.176 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012572.D

Acq: 04 Sep 2019 17:31

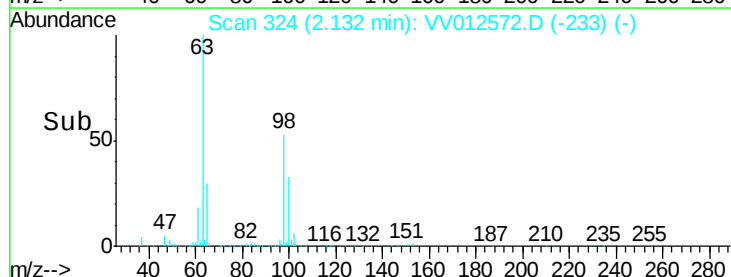
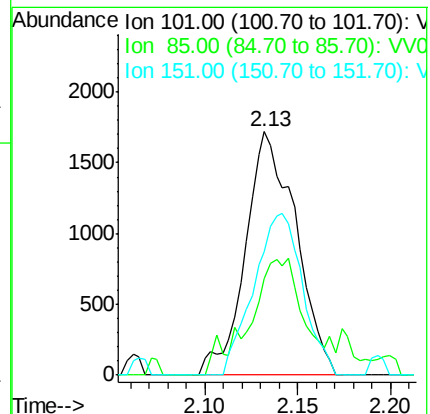
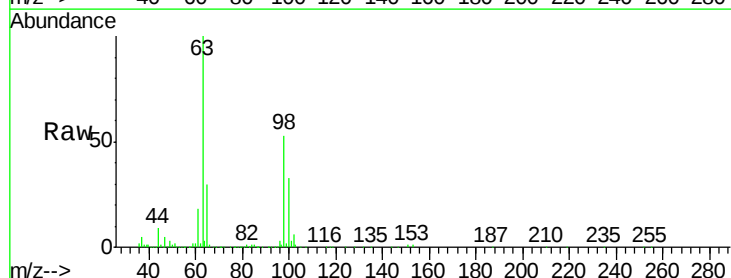
Tgt Ion: 101 Resp: 3242

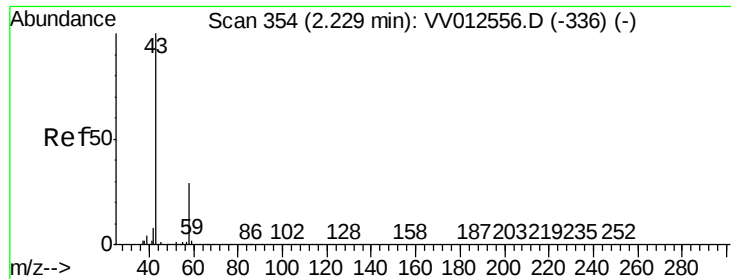
Ion Ratio Lower Upper

101 100

85 46.5 37.4 56.0

151 64.3 56.7 85.1





#13

Acetone

Concen: 2.993 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012572.D

Acq: 04 Sep 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

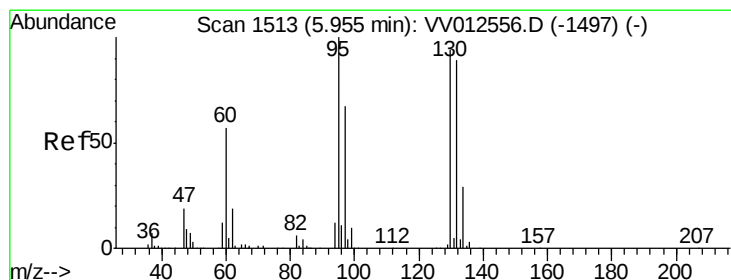
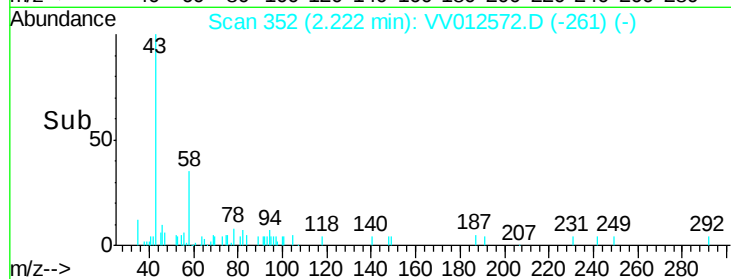
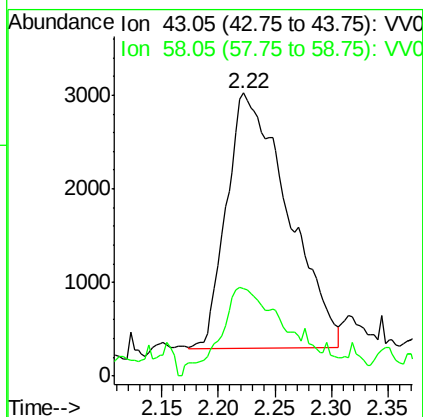
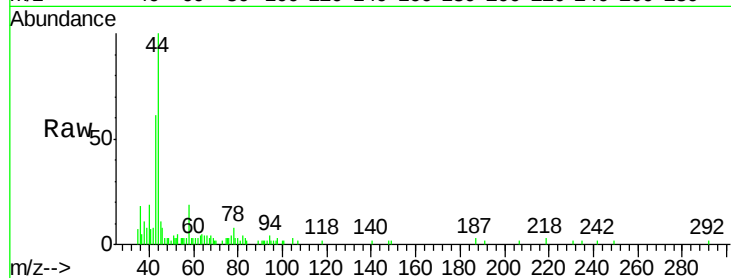
BFD76

Tot Ion: 43 Resp: 10286

Ion Ratio Lower Upper

43 100

58 33.4 0.0 58.2



#34

Trichloroethene

Concen: 6.929 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012572.D

Acq: 04 Sep 2019 17:31

Tgt Ion: 95 Resp: 103282

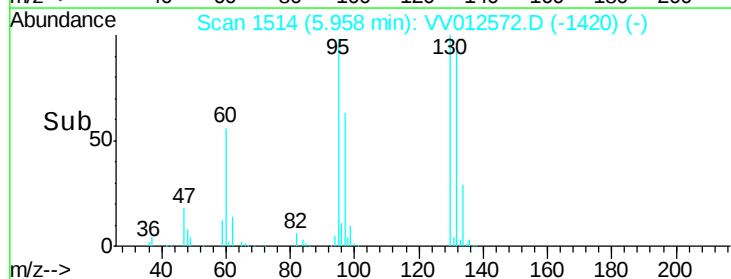
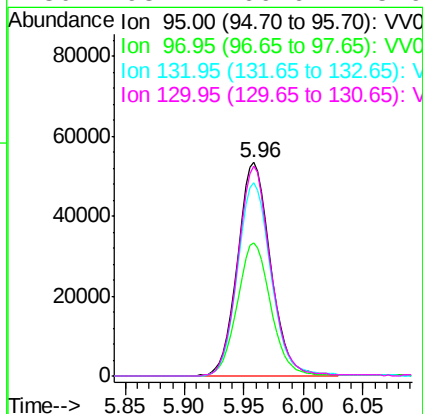
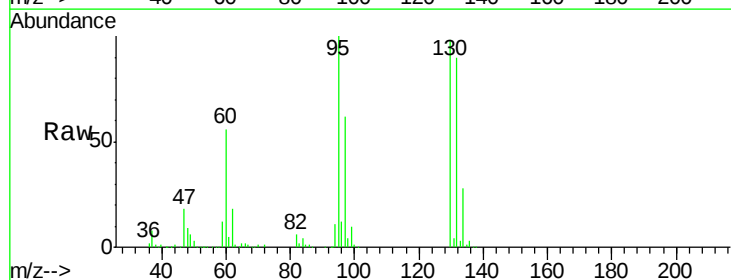
Ion Ratio Lower Upper

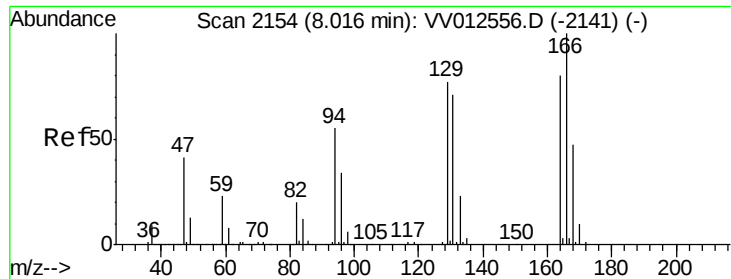
95 100

97 62.1 44.7 83.1

132 90.3 63.8 118.4

130 98.4 66.6 123.6





#47

Tetrachloroethene

Concen: 13.645 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012572.D

Acq: 04 Sep 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tot Ion:164 Resp: 146965

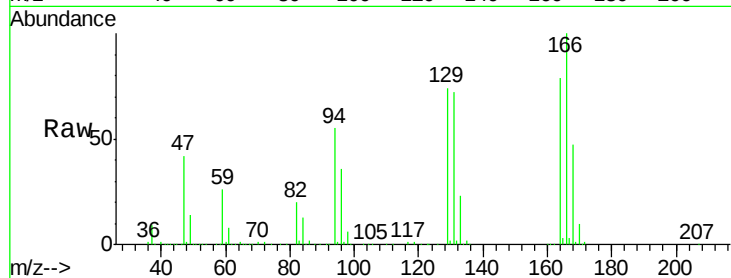
Ion Ratio Lower Upper

164 100

129 94.0 64.5 119.9

131 90.8 62.3 115.7

166 126.4 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

