

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032156.D
 Acq On : 20 May 2019 15:41
 Operator : JC/SP
 Sample : K2860-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W37

Quant Time: May 21 08:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 06:39:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	354164	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	366447	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145836	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104362	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.68	69	97145	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.27	63	157024	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.20	46	251652	42.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.94%
24) Chloroform-d	4.64	84	223076	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.31	65	112201	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.33	84	445780	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.33	67	131615	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.56	98	353805	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.85	79	44727	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.31	63	217047	40.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112903	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	138865	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

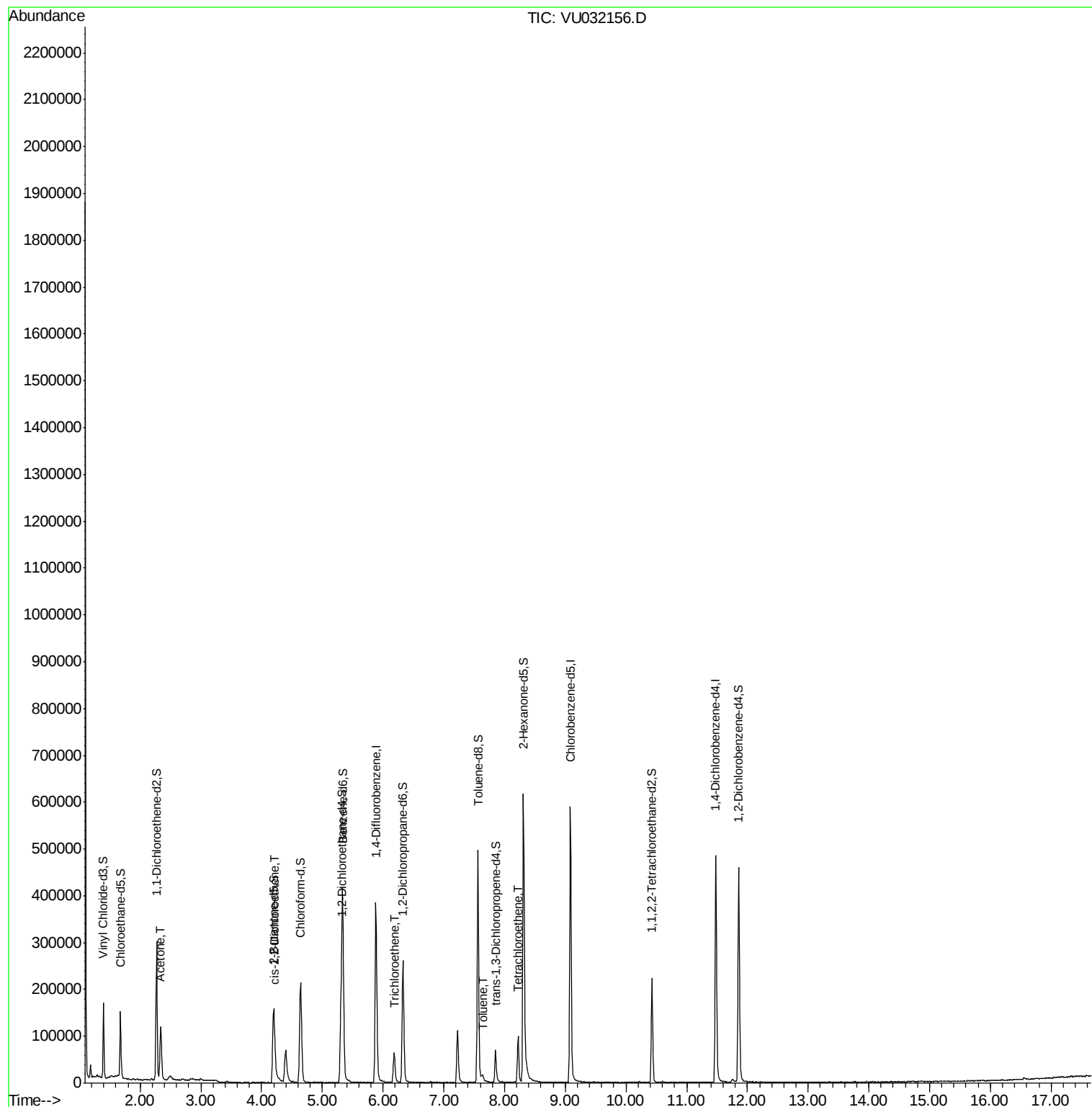
					Ovalue
13) Acetone	2.33	43	54842	28.522	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	1906	0.127	ug/L 79
34) Trichloroethene	6.18	95	23087	1.513	ug/L 99
42) Toluene	7.64	91	11393	0.193	ug/L 99
47) Tetrachloroethene	8.22	164	25783	2.260	ug/L 94

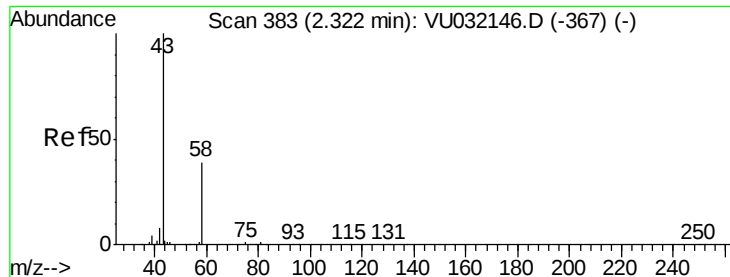
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.522 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.01 min

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Acq: 20 May 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

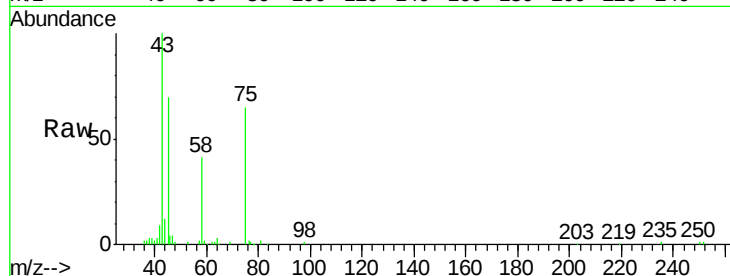
F9W37

Tot Ion: 43 Resp: 54842

Ion Ratio Lower Upper

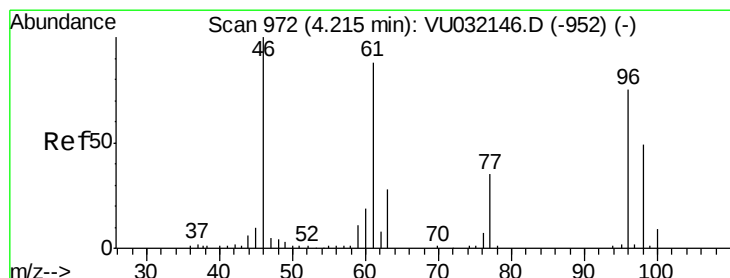
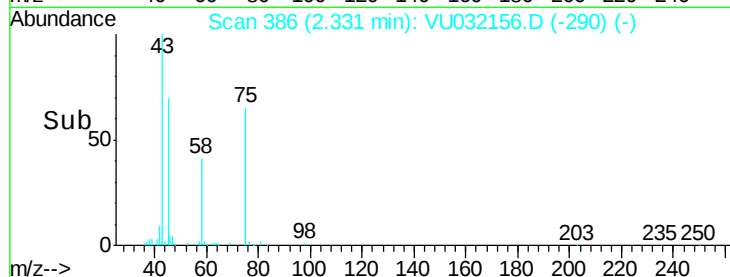
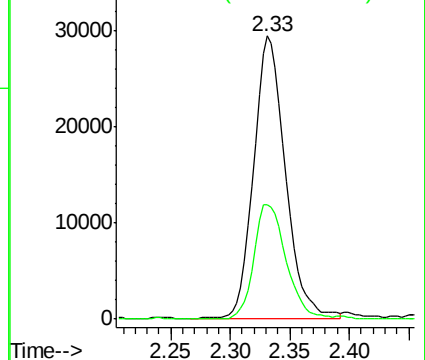
43 100

58 40.9 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032146.D (-367) (-)

Ion 58.05 (57.75 to 58.75): VU032146.D (-367) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032156.D

Acq: 20 May 2019 15:41

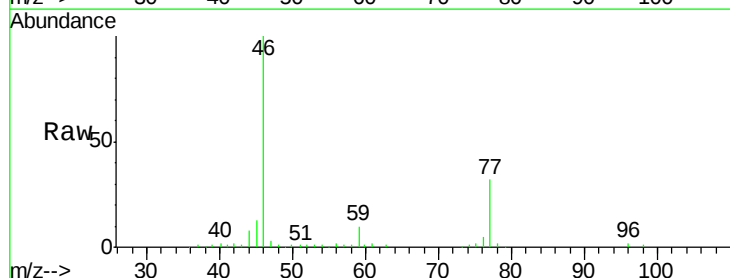
Tgt Ion: 96 Resp: 1906

Ion Ratio Lower Upper

96 100

61 98.7 85.8 159.4

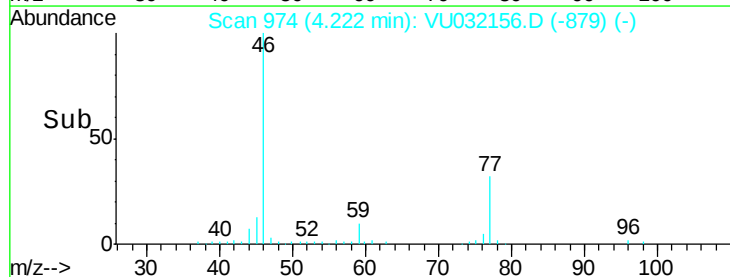
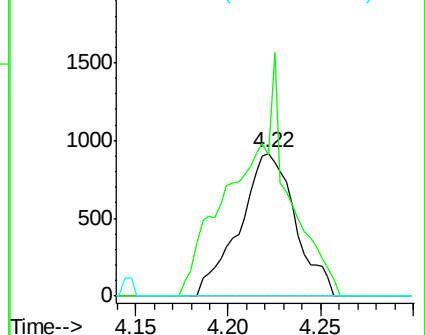
68 0.0 0.0 0.0

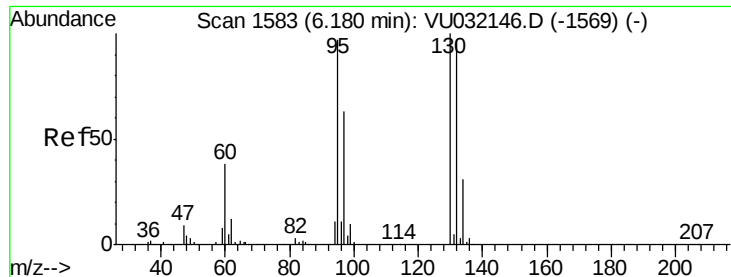


Abundance Ion 96.00 (95.70 to 96.70): VU032146.D (-952) (-)

Ion 61.05 (60.75 to 61.75): VU032146.D (-952) (-)

Ion 68.15 (67.85 to 68.85): VU032146.D (-952) (-)





#34

Trichloroethene

Concen: 1.513 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032156.D

Acq: 20 May 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

F9W37

Tot Ion: 95 Resp: 23087

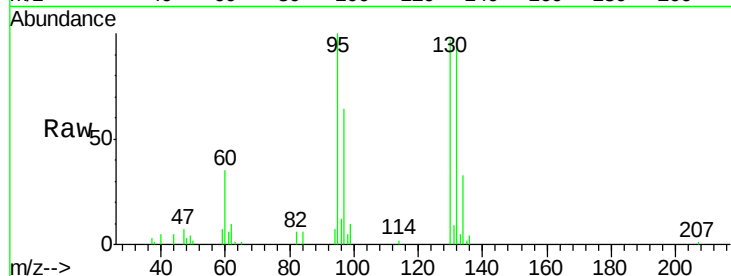
Ion Ratio Lower Upper

95 100

97 64.2 45.2 84.0

132 92.8 66.1 122.7

130 96.8 66.7 123.9

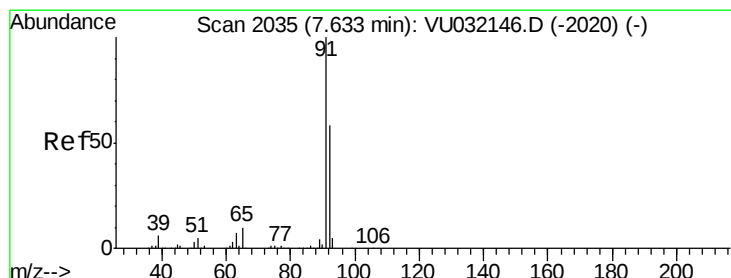
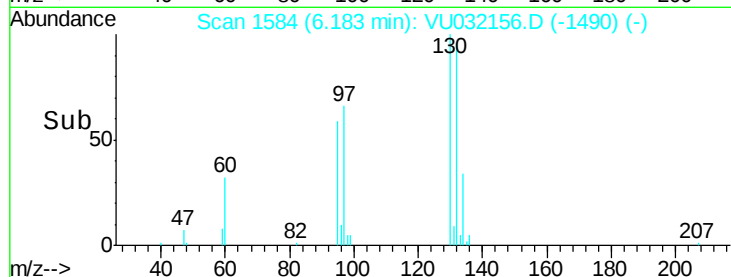
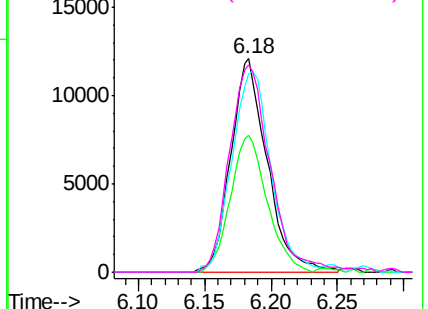


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#42

Toluene

Concen: 0.193 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032156.D

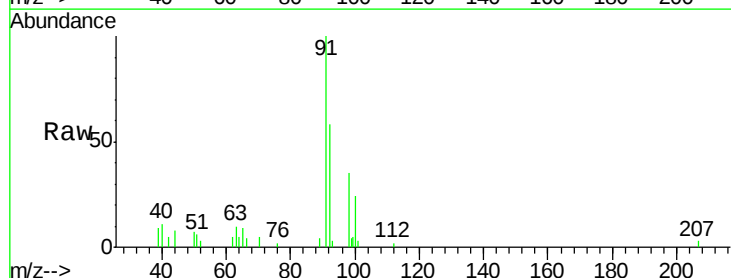
Acq: 20 May 2019 15:41

Tgt Ion: 91 Resp: 11393

Ion Ratio Lower Upper

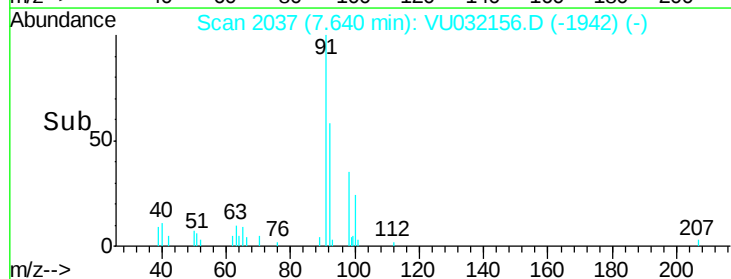
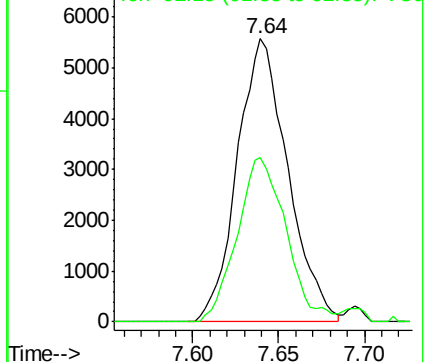
91 100

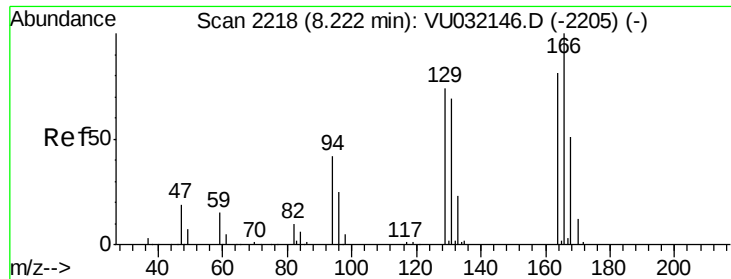
92 57.9 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 2.260 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032156.D

Acq: 20 May 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
F9W37

Tot Ion:164 Resp: 25783

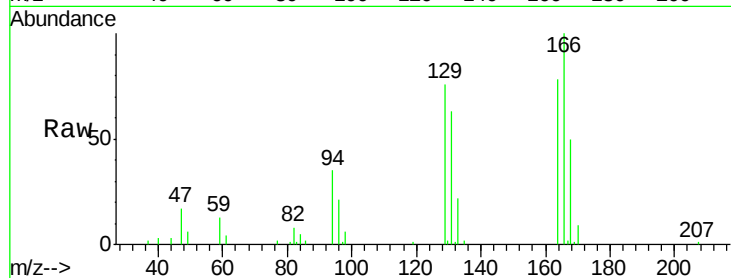
Ion Ratio Lower Upper

164 100

129 96.8 70.3 130.5

131 80.5 64.5 119.9

166 127.8 92.3 171.5



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

