

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035129.D
 Acq On : 12 Oct 2019 08:08
 Operator : JC/SP
 Sample : K5309-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-5-001-01

Quant Time: Oct 14 02:20:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	171489	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	182326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51167	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	50335	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.26	63	77367	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.17	46	154073	51.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	4.62	84	101432	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.29	65	56195	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.32	84	193394	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.31	67	69305	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.55	98	166005	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	17855	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.30	63	107046	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58068	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	58340	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

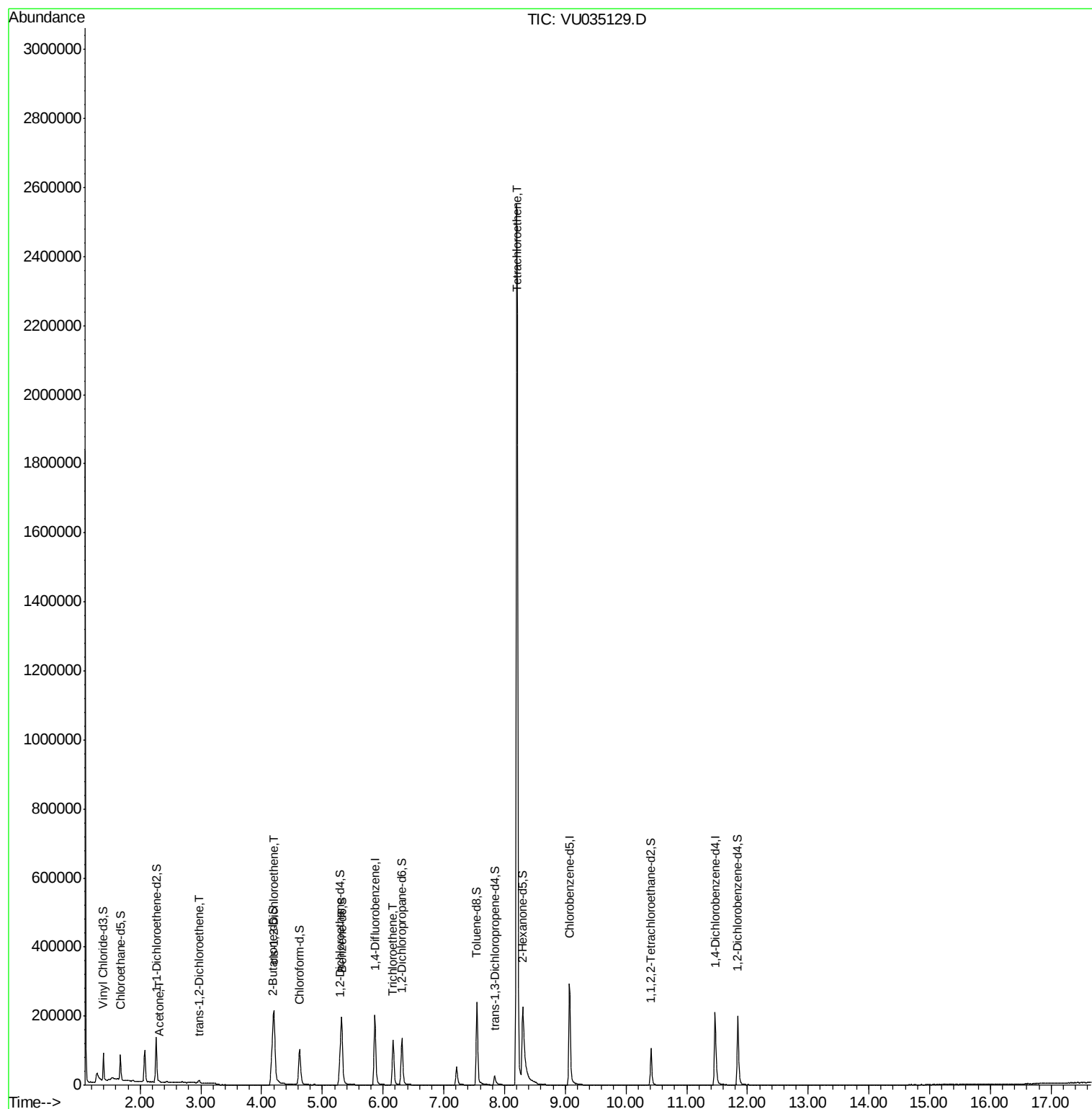
					Ovalue
13) Acetone	2.31	43	3867	1.582 ug/L	89
18) trans-1,2-Dichloroethene	2.96	96	2091	0.177 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	109051	8.289 ug/L	88
34) Trichloroethene	6.16	95	46883	3.310 ug/L	99
47) Tetrachloroethene	8.21	164	566594	49.419 ug/L	96

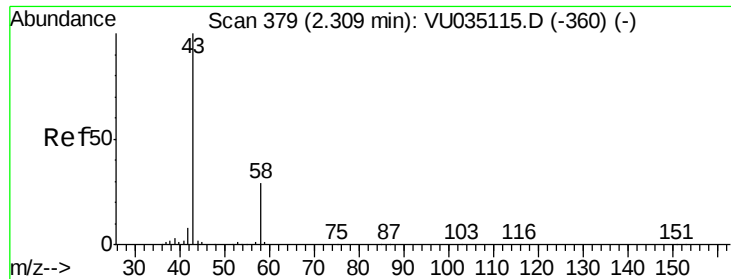
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.582 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Instrument :

MSVOA_U

ClientSampleId :

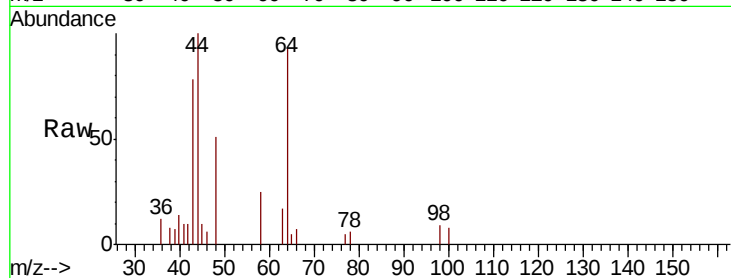
RD-5-001-01

Tot Ion: 43 Resp: 3867

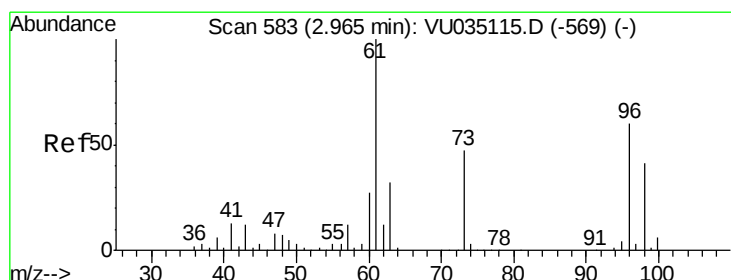
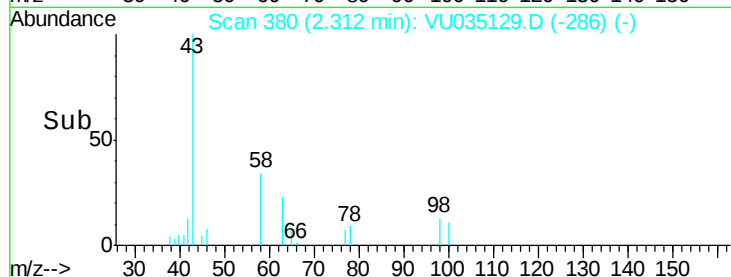
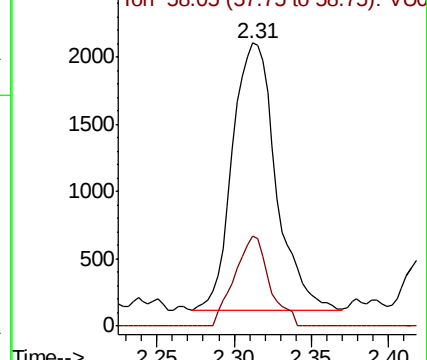
Ion Ratio Lower Upper

43 100

58 27.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035129.D (-286) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.177 ug/L

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

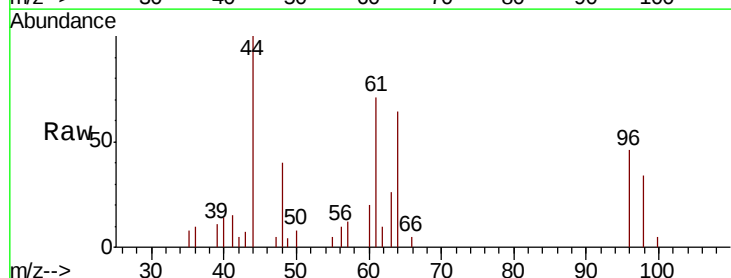
Tgt Ion: 96 Resp: 2091

Ion Ratio Lower Upper

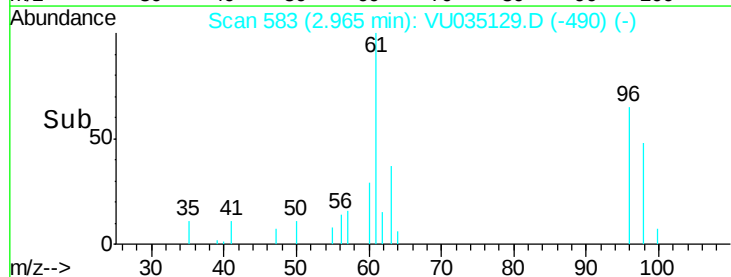
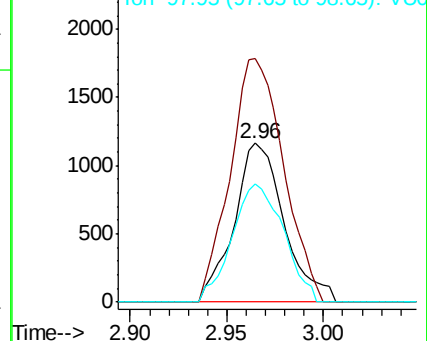
96 100

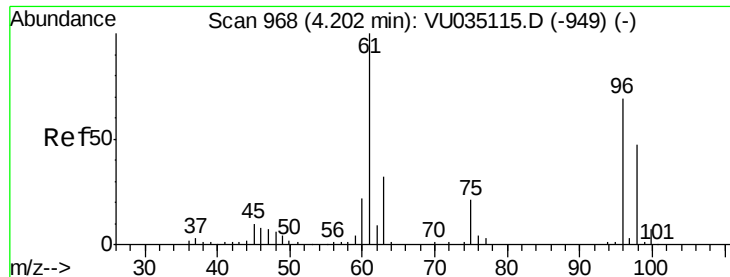
61 153.2 107.1 198.9

98 74.2 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035129.D (-490) (-)

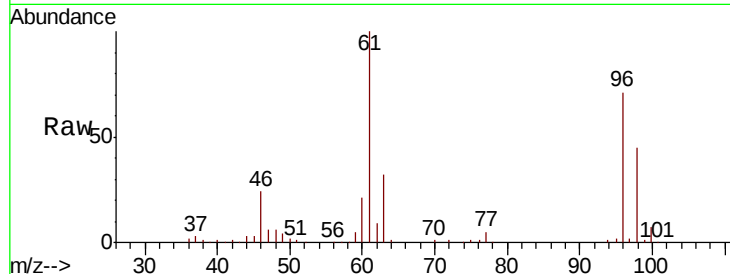




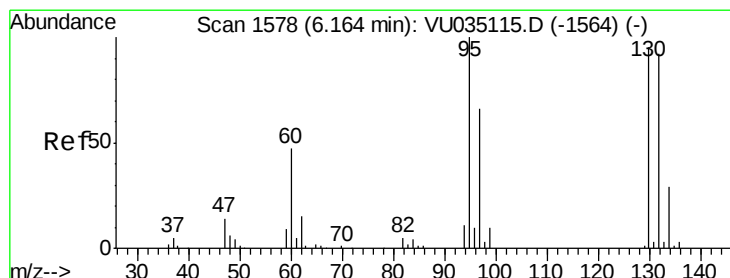
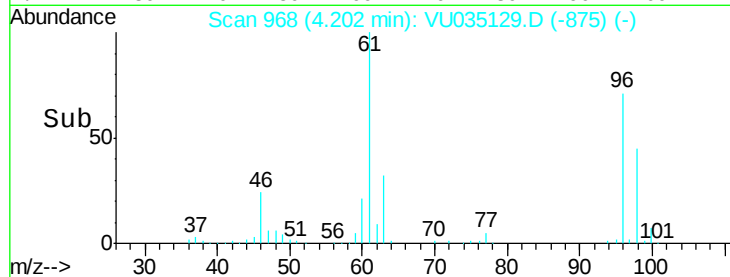
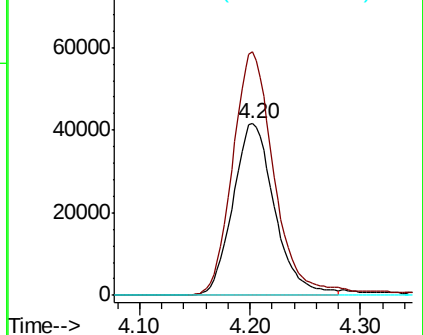
#22
 cis-1,2-Dichloroethene
 Concen: 8.289 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU035129.D
 Acq: 12 Oct 2019 08:08

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-5-001-01

Tot Ion: 96 Resp: 109051
 Ion Ratio Lower Upper
 96 100
 61 141.8 89.2 165.6
 68 0.0 0.0 0.0

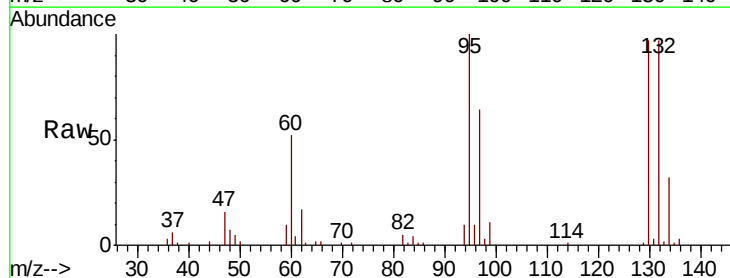


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

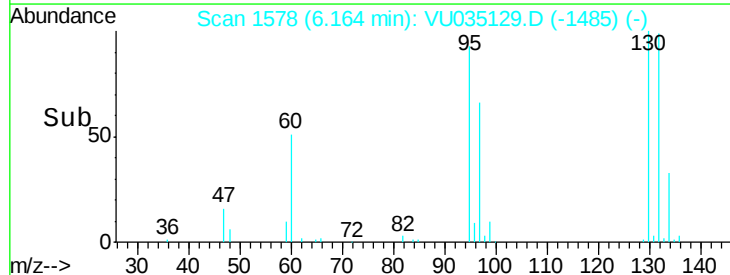
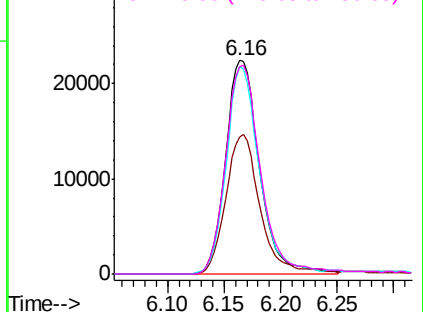


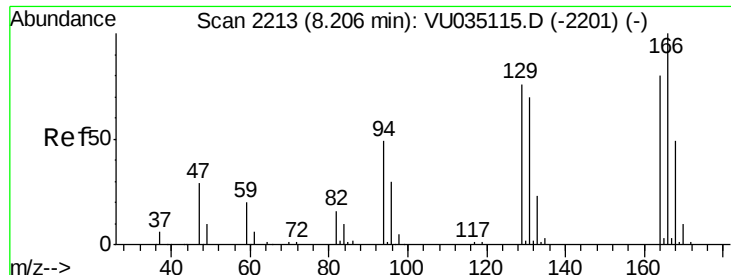
#34
 Trichloroethene
 Concen: 3.310 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU035129.D
 Acq: 12 Oct 2019 08:08

Tgt Ion: 95 Resp: 46883
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.5 82.7
 132 96.9 66.6 123.8
 130 97.4 68.9 127.9



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





#47

Tetrachloroethene

Concen: 49.419 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Instrument :

MSVOA_U

ClientSampleId :

RD-5-001-01

Tot Ion:164 Resp: 566594

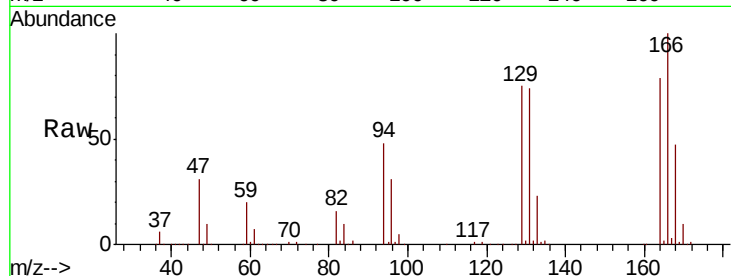
Ion Ratio Lower Upper

164 100

129 95.1 68.5 127.1

131 93.4 67.3 124.9

166 126.0 93.1 172.9



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

