

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031652.D
 Acq On : 30 Apr 2019 22:19
 Operator : JC/SP
 Sample : K2593-19 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG5

Quant Time: May 01 04:42:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	695175	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	661118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230212	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	304437	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.66%
7) Chloroethane-d5	1.68	69	220180	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.94%
11) 1,1-Dichloroethene-d2	2.27	63	453656	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.30%
21) 2-Butanone-d5	4.19	46	517045	98.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.64	84	516998	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.31	65	361437	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
32) Benzene-d6	5.33	84	1000956	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	360577	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.96%
41) Toluene-d8	7.56	98	811954	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.85	79	134583	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.80%
47) 2-Hexanone-d5	8.31	63	287237	92.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	442498	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	237670	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

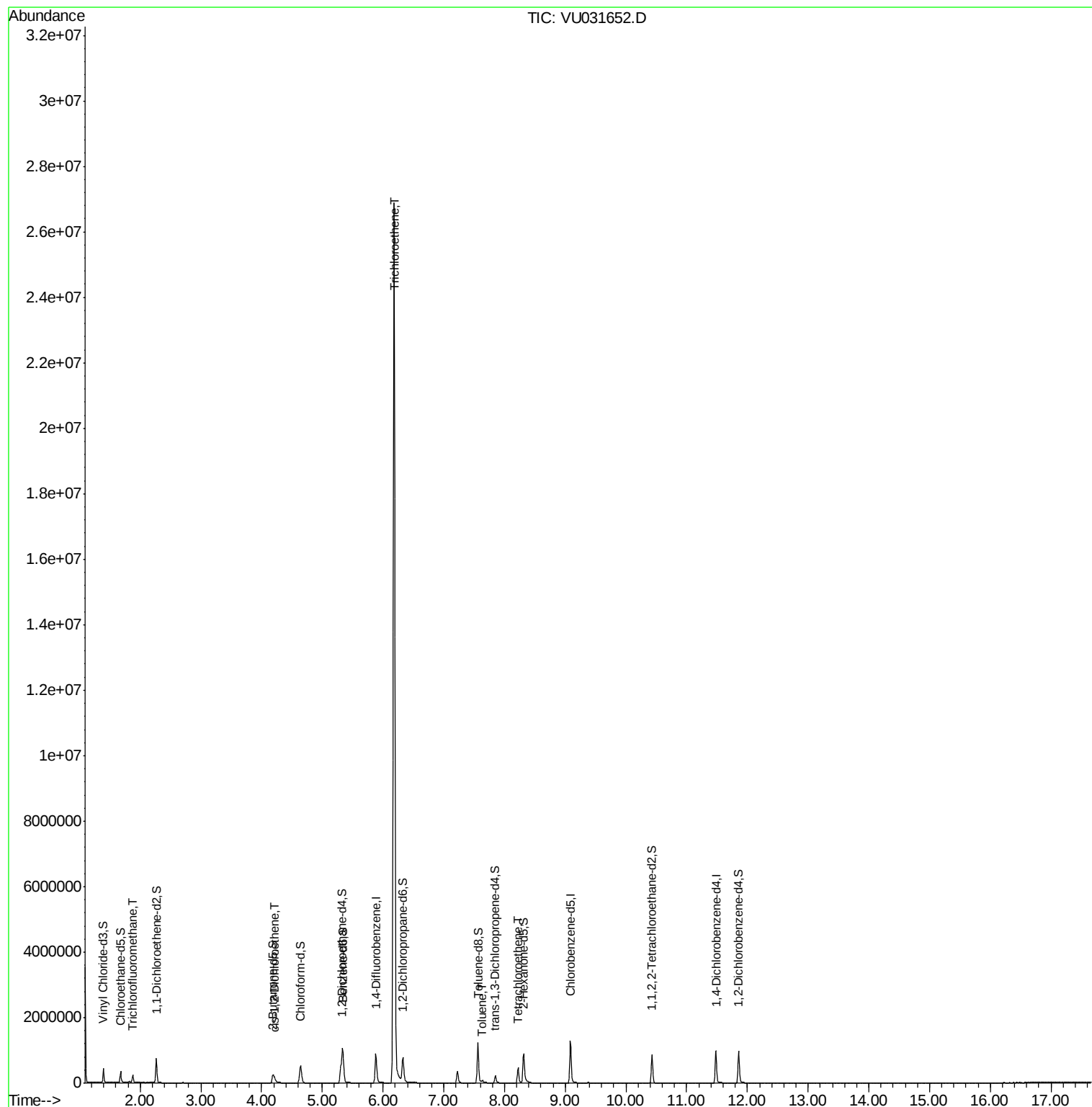
					Ovalue
9) Trichlorofluoromethane	1.88	101	130690	13.258	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	9752	1.609	ug/L 98
34) Trichloroethene	6.18	95	9777805	1659.502	ug/L 94
42) Toluene	7.64	91	46593	1.924	ug/L 98
46) Tetrachloroethene	8.22	164	100769	25.087	ug/L 96

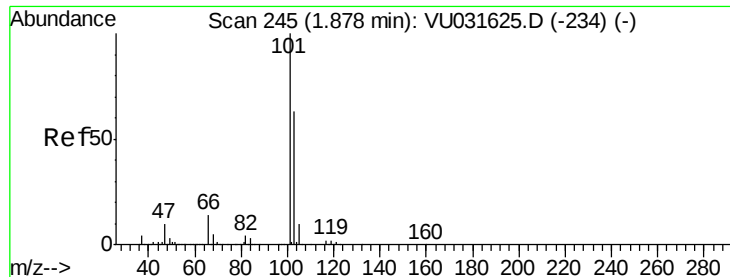
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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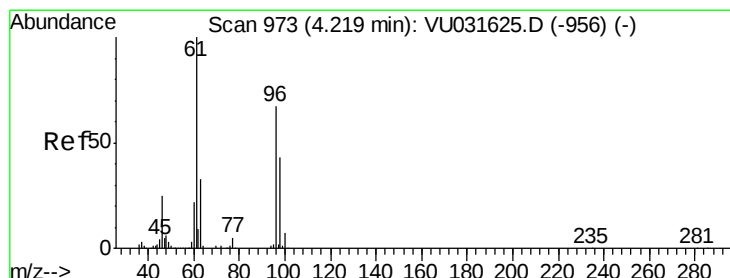
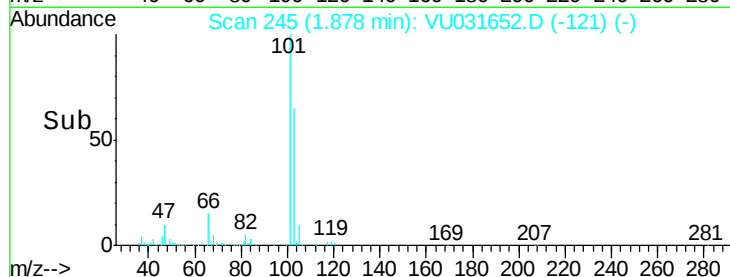
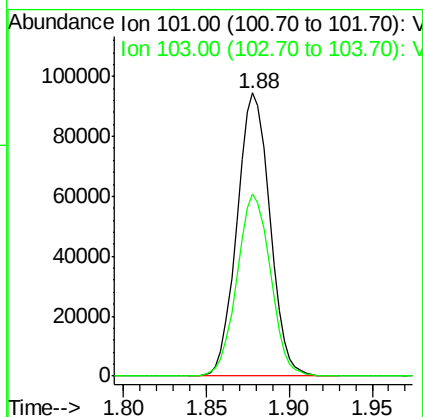
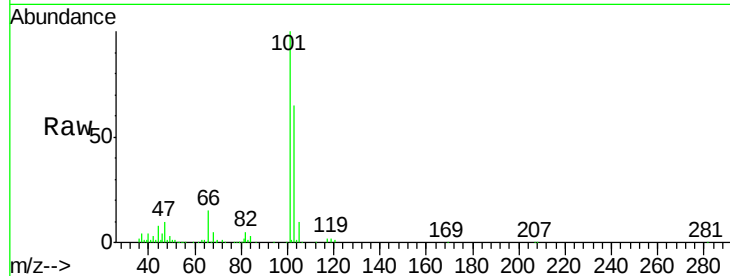


#9

Trichlorofluoromethane
 Concen: 13.258 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU031652.D
 Acq: 30 Apr 2019 22:19

Instrument :
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 C0XG5

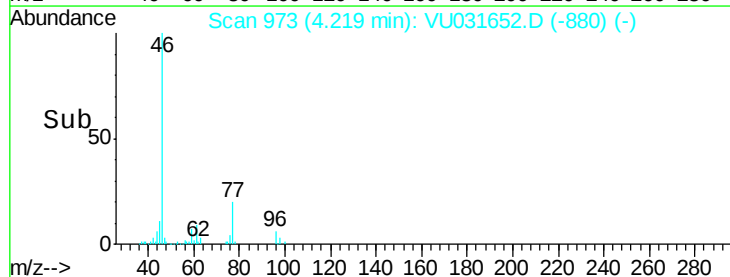
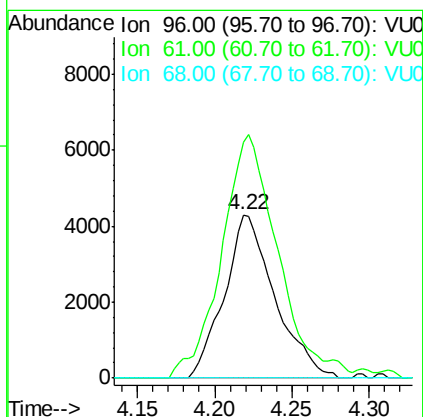
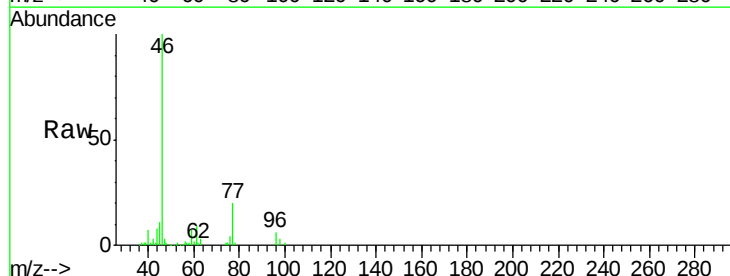
Tot Ion:101 Resp: 130690
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.8 76.2

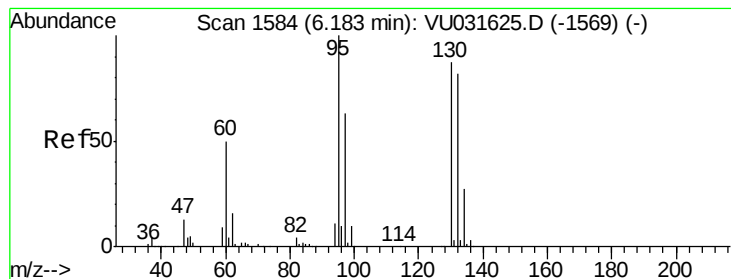


#20

cis-1,2-Dichloroethene
 Concen: 1.609 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031652.D
 Acq: 30 Apr 2019 22:19

Tgt Ion: 96 Resp: 9752
 Ion Ratio Lower Upper
 96 100
 61 144.5 99.5 184.7
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1659.502 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031652.D

Acq: 30 Apr 2019 22:19

Instrument :

MSVOA_U

ClientSampleId :

C0XG5

Tot Ion: 95 Resp: 9777805

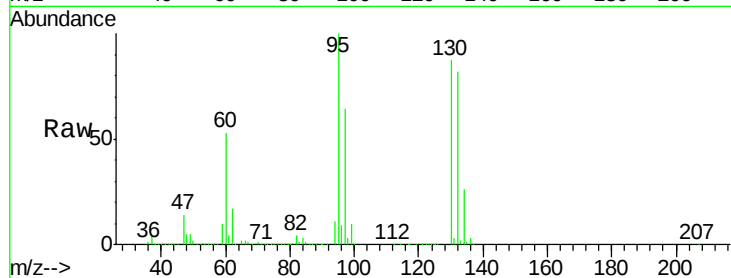
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 82.3 63.1 117.1

130 87.0 66.5 123.5

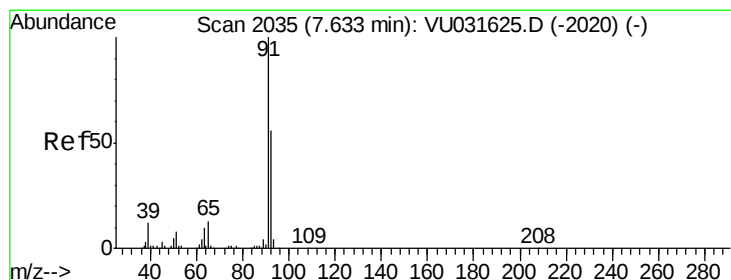
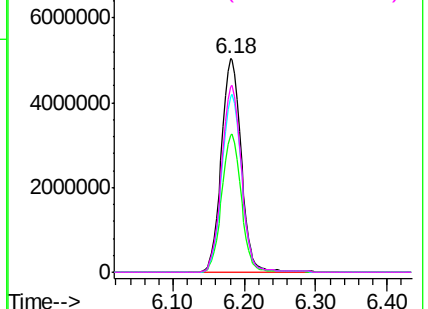
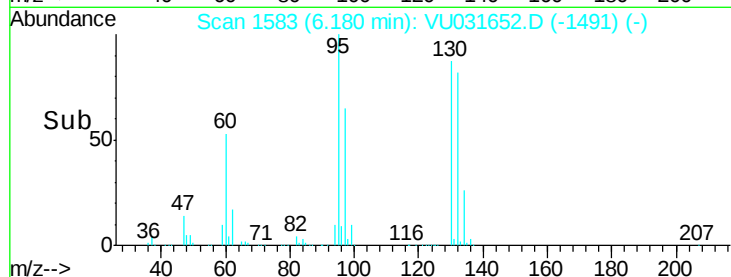


Abundance Ion 95.00 (94.70 to 95.70): VU031625.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031625.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031625.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031625.D (-1569) (-)



#42

Toluene

Concen: 1.924 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031652.D

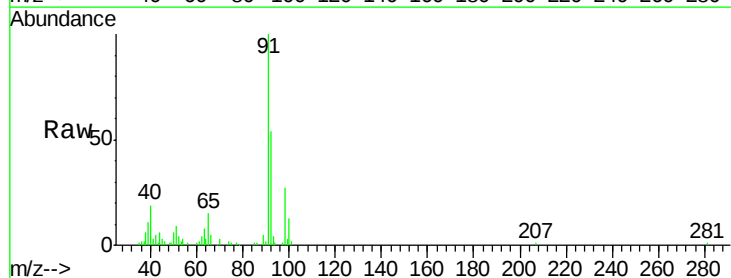
Acq: 30 Apr 2019 22:19

Tgt Ion: 91 Resp: 46593

Ion Ratio Lower Upper

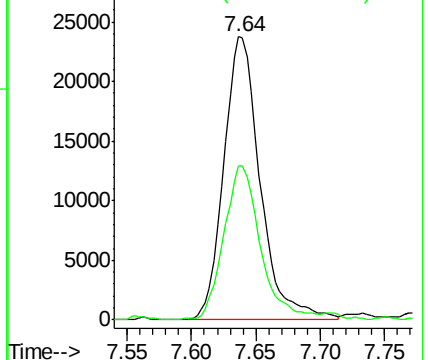
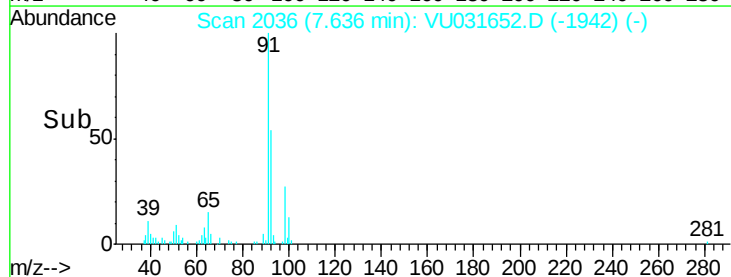
91 100

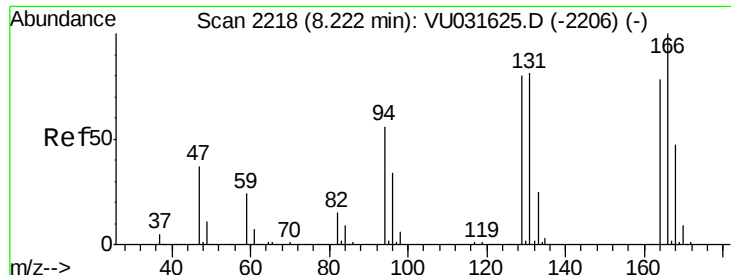
92 54.3 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031625.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031625.D (-2020) (-)





#46

Tetrachloroethene

Concen: 25.087 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031652.D

Acq: 30 Apr 2019 22:19

Instrument :

MSVOA_U

ClientSampleId :

C0XG5

Tot Ion:164 Resp: 100769

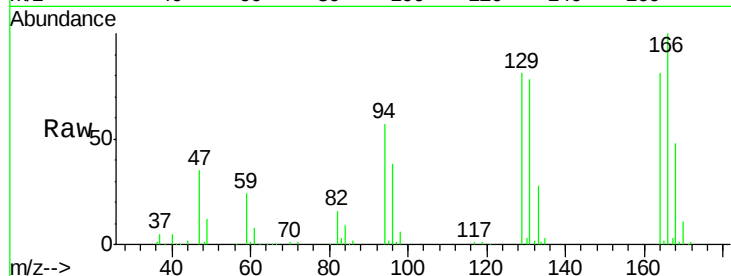
Ion Ratio Lower Upper

164 100

129 100.9 71.5 132.9

131 97.4 69.0 128.2

166 124.2 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

