

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041931.D
 Acq On : 11 Jan 2021 19:30
 Operator : SY/MD
 Sample : M1027-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ8DL

Quant Time: Jan 12 05:23:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110199	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44197	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	44344	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	63150	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.65	46	144980	56.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.34%
24) Chloroform-d	5.08	84	83010	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	47540	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.74	84	156936	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	50719	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.90	98	131039	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	19826	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	116859	55.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45713	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49345	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

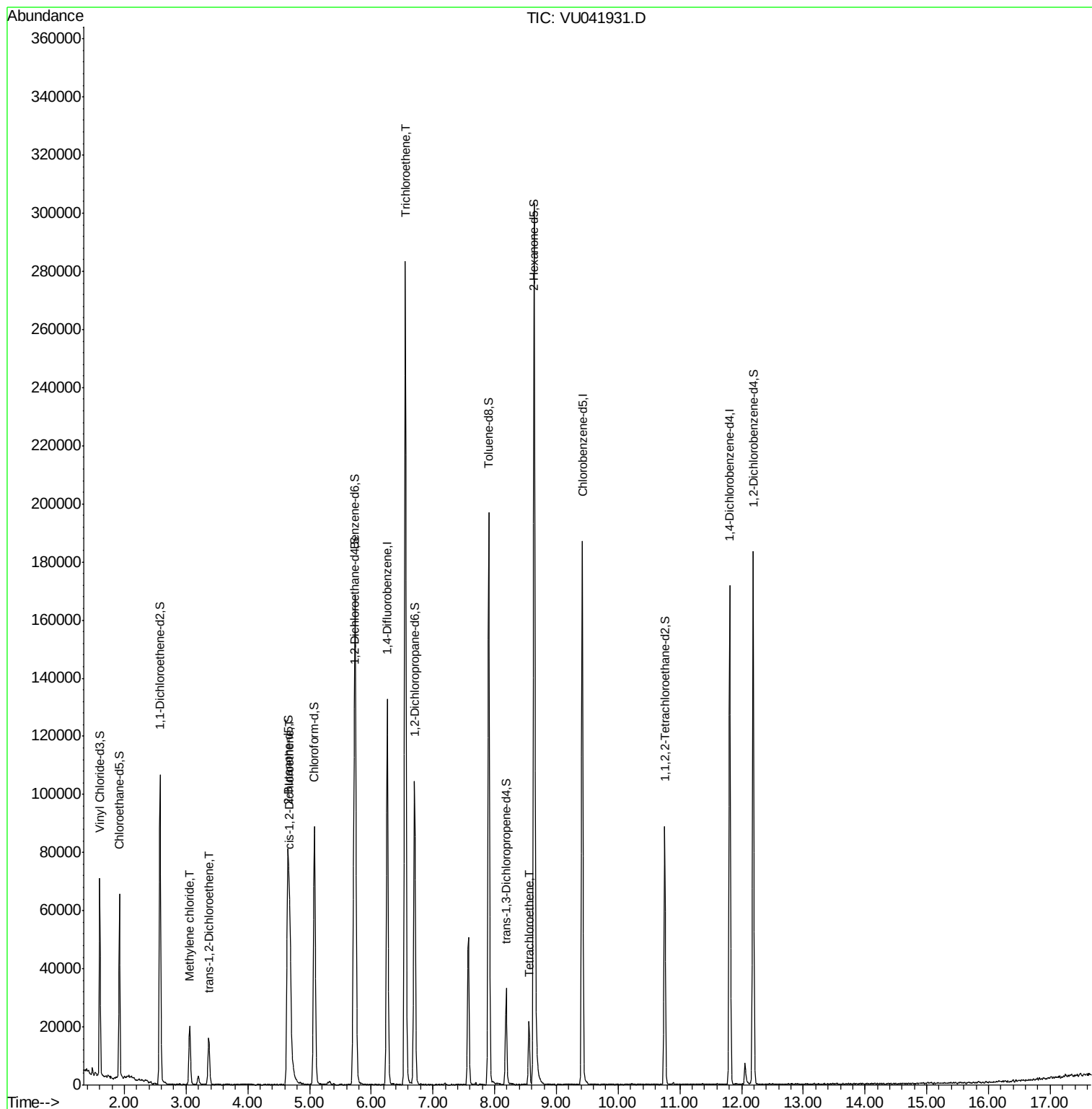
					Ovalue
16) Methylene chloride	3.06	84	10351	0.957 ug/L	90
18) trans-1,2-Dichloroethene	3.37	96	6569	0.786 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	14041	1.574 ug/L	98
34) Trichloroethene	6.55	95	99270	10.843 ug/L	98
47) Tetrachloroethene	8.56	164	5100	0.801 ug/L	93

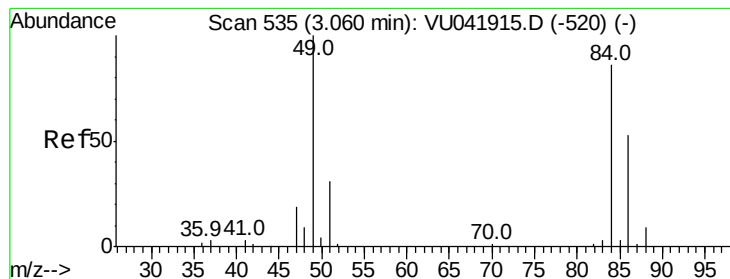
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.957 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041931.D

Acq: 11 Jan 2021 19:30

Instrument :

MSVOA_U

ClientSampleId :

BFXQ8DL

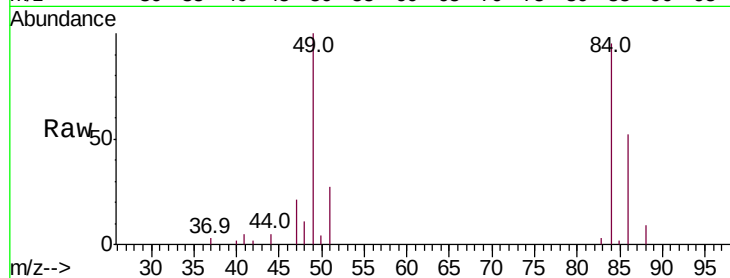
Tot Ion: 84 Resp: 10351

Ion Ratio Lower Upper

84 100

86 55.0 43.5 80.7

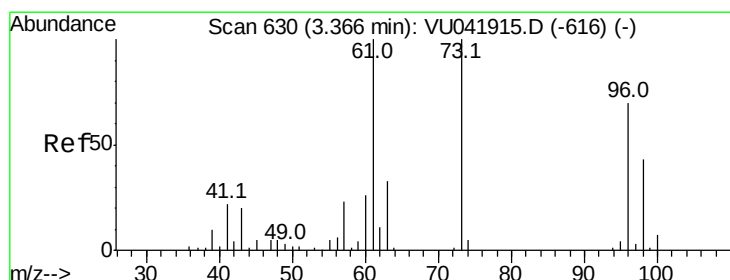
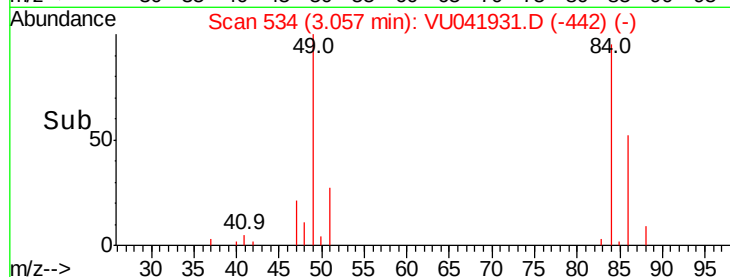
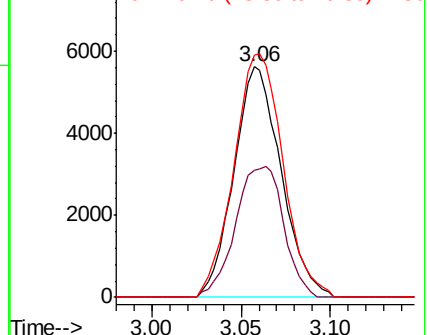
49 105.1 81.8 151.8



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.786 ug/L

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU041931.D

Acq: 11 Jan 2021 19:30

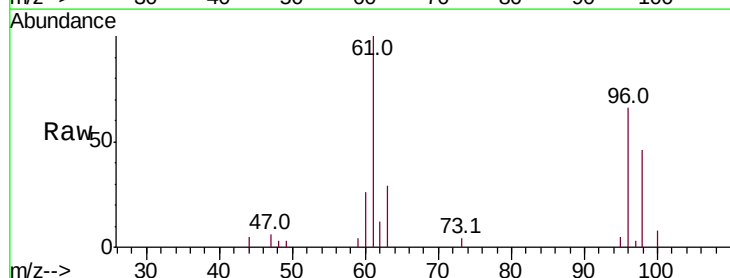
Tgt Ion: 96 Resp: 6569

Ion Ratio Lower Upper

96 100

61 151.5 100.7 187.1

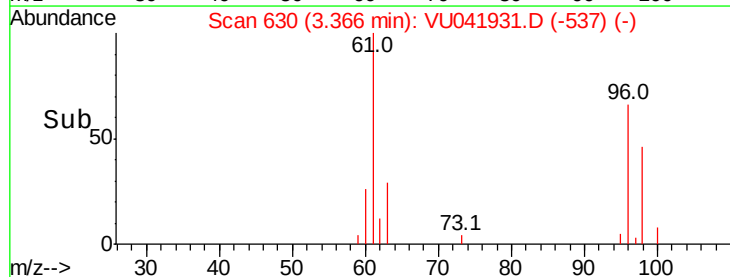
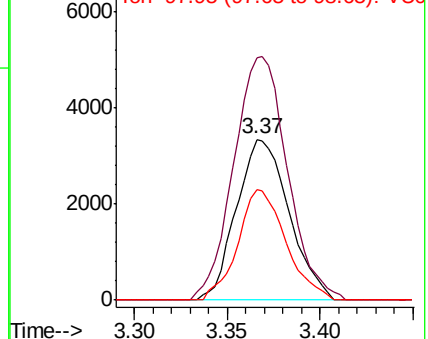
98 69.1 43.0 80.0

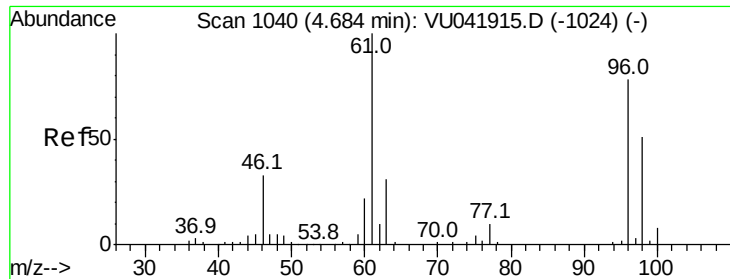


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.574 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041931.D

Acq: 11 Jan 2021 19:30

Instrument :

MSVOA_U

ClientSampled :

BFXQ8DL

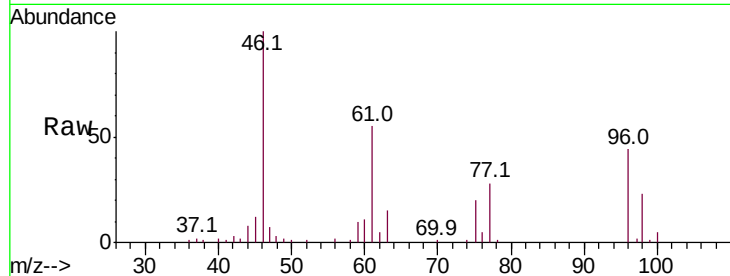
Tot Ion: 96 Resp: 14041

Ion Ratio Lower Upper

96 100

61 126.6 90.3 167.7

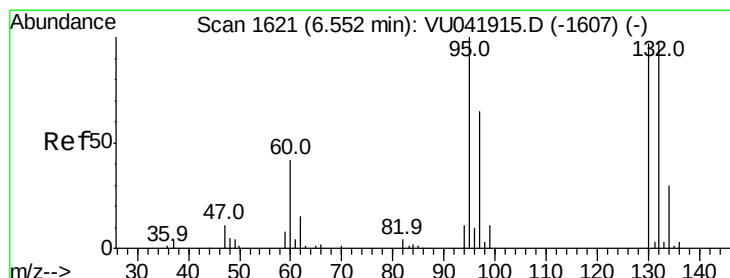
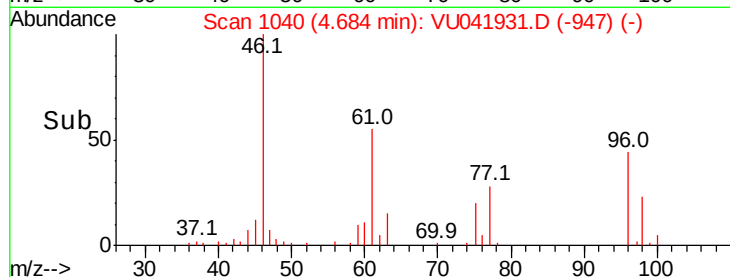
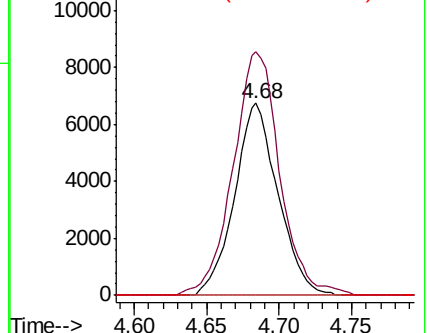
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041931.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU041931.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU041931.D (-1528) (-)



#34

Trichloroethene

Concen: 10.843 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041931.D

Acq: 11 Jan 2021 19:30

Tgt Ion: 95 Resp: 99270

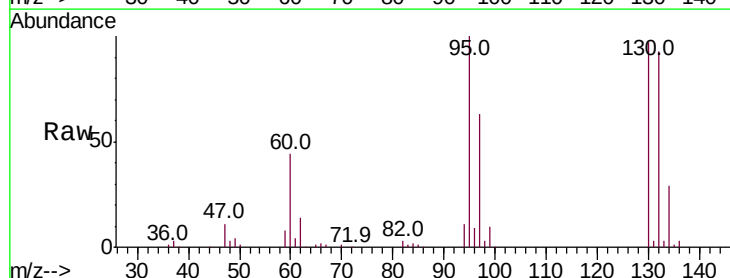
Ion Ratio Lower Upper

95 100

97 63.4 45.2 84.0

132 93.2 68.7 127.5

130 97.1 68.0 126.4

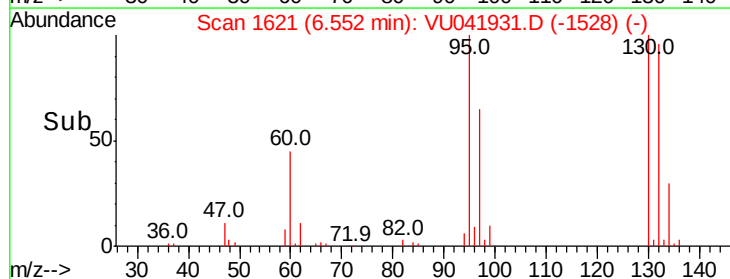
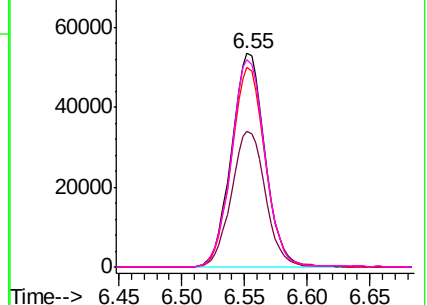


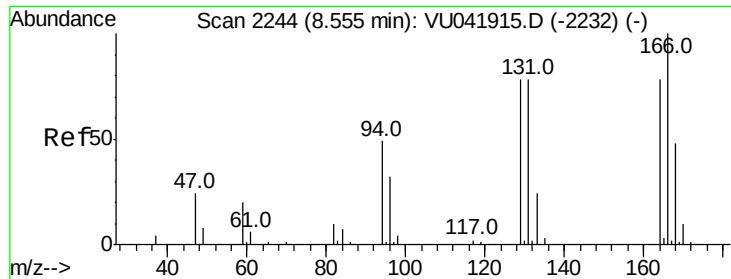
Abundance Ion 95.00 (94.70 to 95.70): VU041931.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU041931.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU041931.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU041931.D (-1528) (-)





#47

Tetrachloroethene

Concen: 0.801 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041931.D

Acq: 11 Jan 2021 19:30

Instrument :

MSVOA_U

ClientSampleId :

BFXQ8DL

Tot Ion:164 Resp: 5100

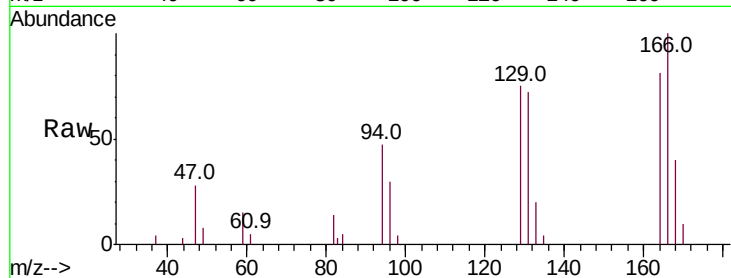
Ion Ratio Lower Upper

164 100

129 92.4 69.2 128.6

131 88.2 69.7 129.5

166 123.0 89.2 165.8



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

