

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041947.D
 Acq On : 12 Jan 2021 02:12
 Operator : SY/MD
 Sample : M1049-05DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7DL

Quant Time: Jan 12 07:24:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44350	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	42635	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	66147	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.66	46	141724	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.08	84	81307	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	46597	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	153883	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	48974	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	130099	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	20120	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	120806	55.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47411	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	48233	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

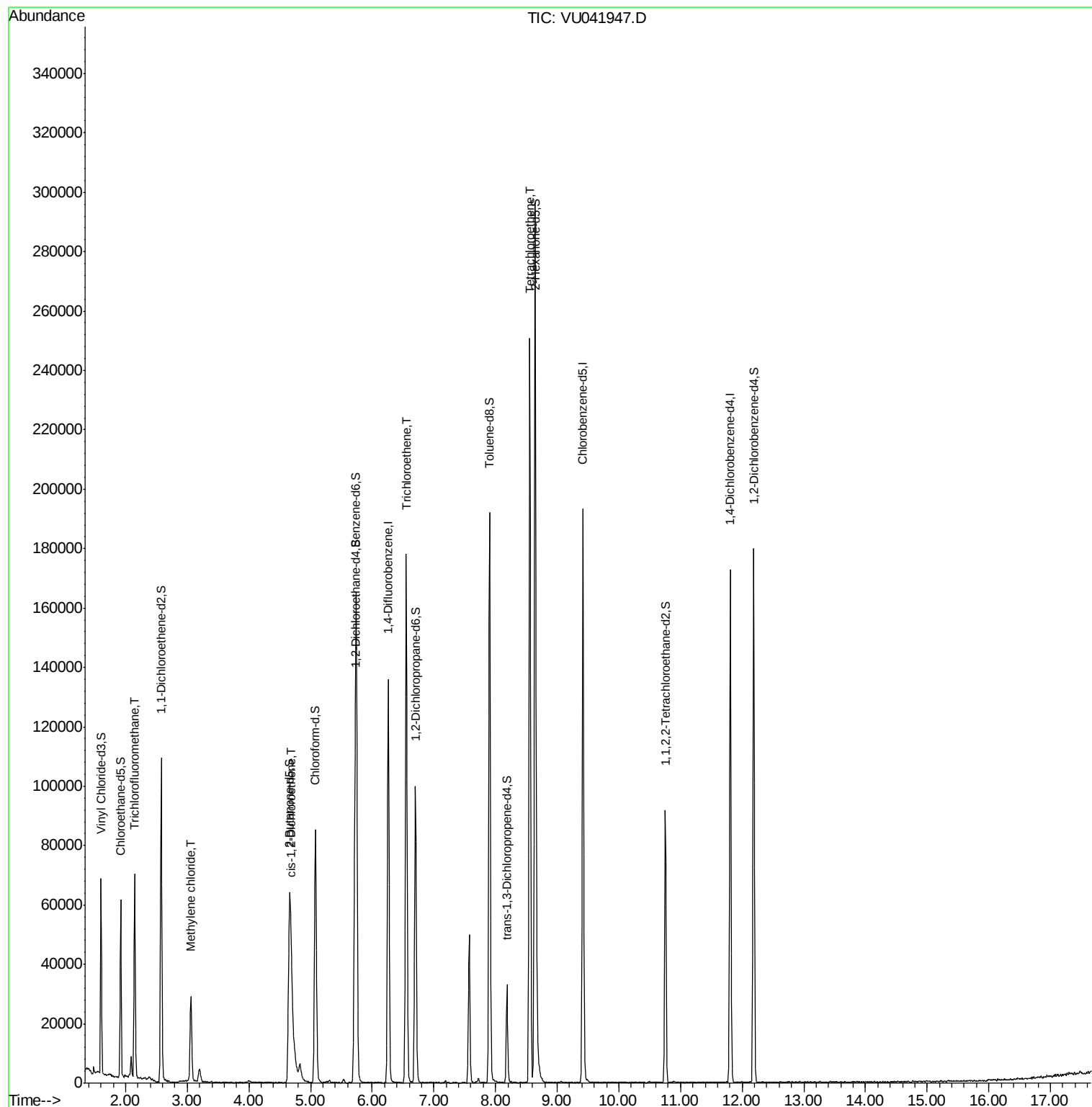
					Ovalue
9) Trichlorofluoromethane	2.15	101	43691	2.634	ug/L 98
16) Methylene chloride	3.06	84	14292	1.294	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	2209	0.243	ug/L 98
34) Trichloroethene	6.55	95	62713	6.665	ug/L 97
47) Tetrachloroethene	8.56	164	54997	8.400	ug/L 97

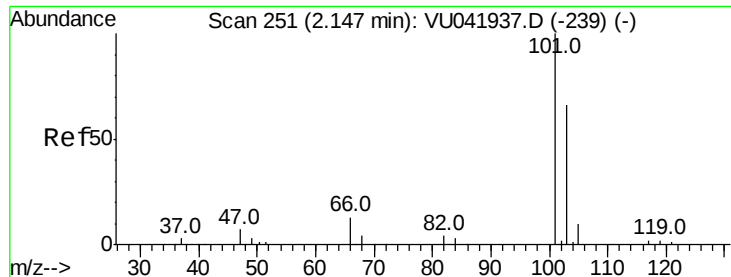
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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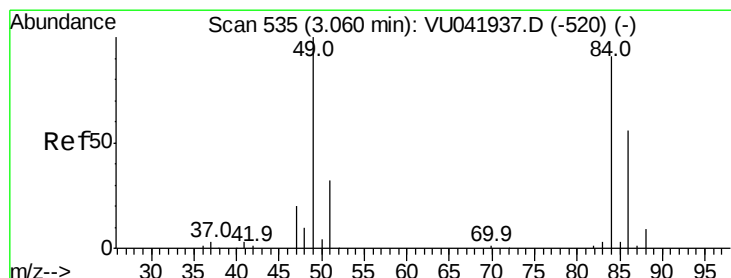
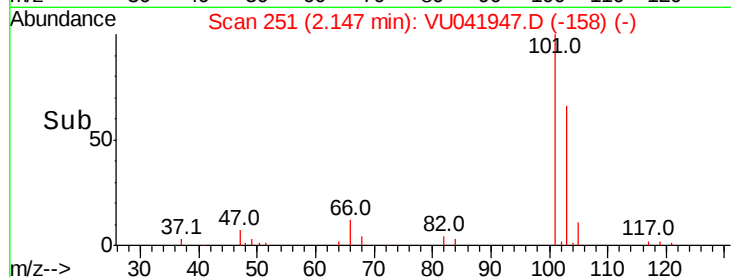
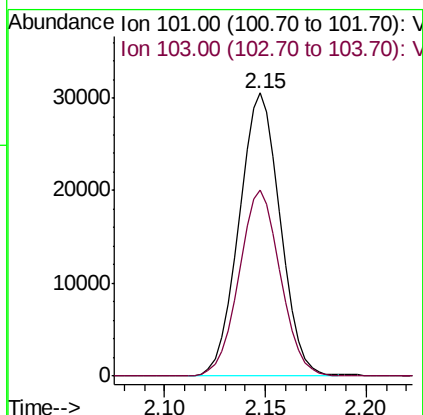
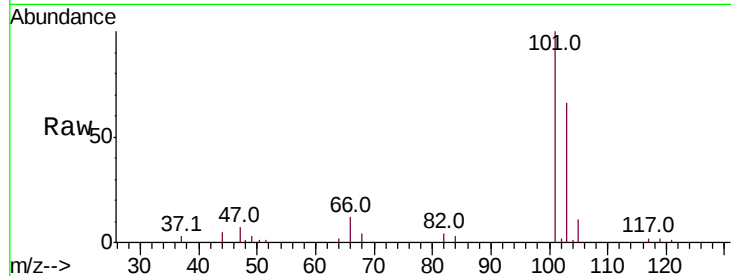




#9
 Trichlorofluoromethane
 Concen: 2.634 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041947.D
 Acq: 12 Jan 2021 02:12

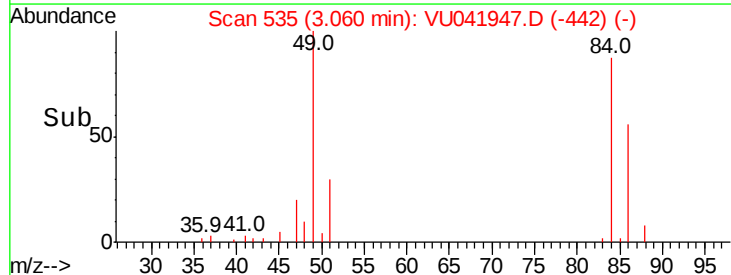
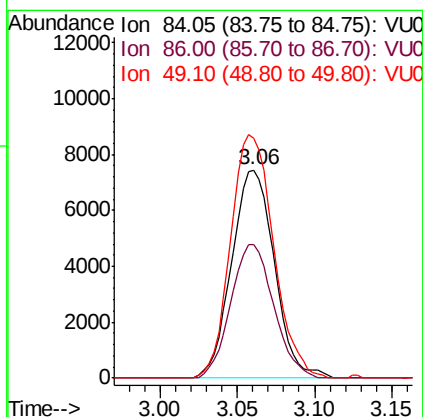
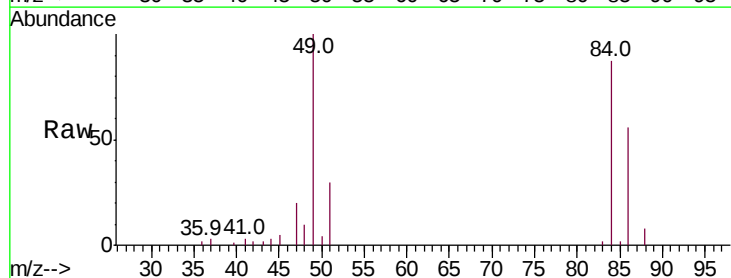
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7DL

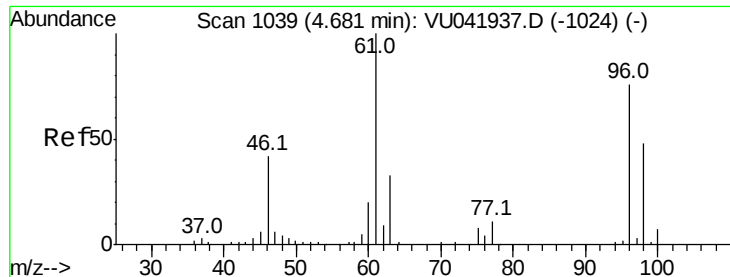
Tot Ion:101 Resp: 43691
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.3 76.9



#16
 Methylene chloride
 Concen: 1.294 ug/L
 RT: 3.06 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VU041947.D
 Acq: 12 Jan 2021 02:12

Tgt Ion: 84 Resp: 14292
 Ion Ratio Lower Upper
 84 100
 86 64.5 43.5 80.7
 49 115.3 81.8 151.8





#22

cis-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041947.D

Acq: 12 Jan 2021 02:12

Instrument :

MSVOA_U

ClientSampleId :

C0AQ7DL

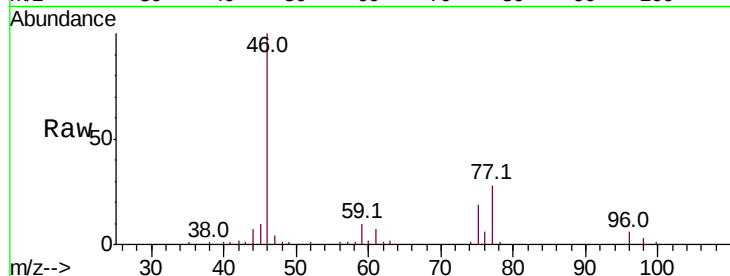
Tot Ion: 96 Resp: 2209

Ion Ratio Lower Upper

96 100

61 126.3 90.3 167.7

68 0.0 0.0 0.0

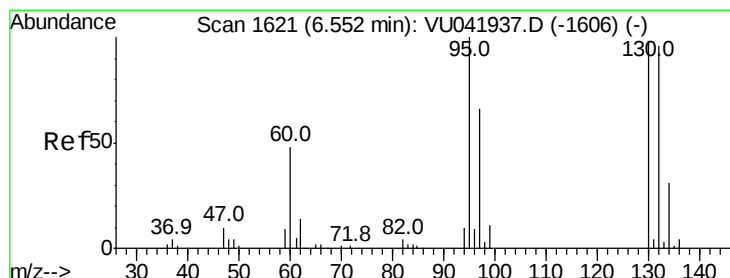
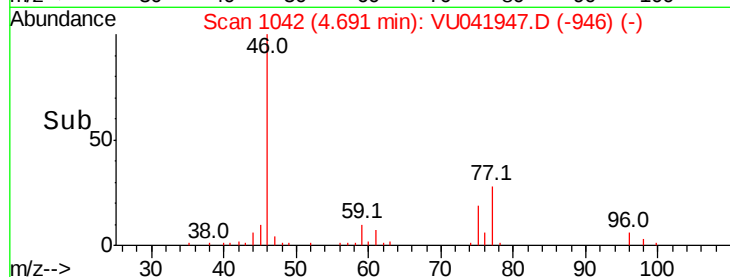
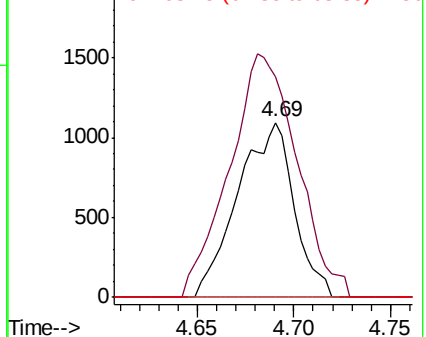


Abundance

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: 6.665 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041947.D

Acq: 12 Jan 2021 02:12

Tgt Ion: 95 Resp: 62713

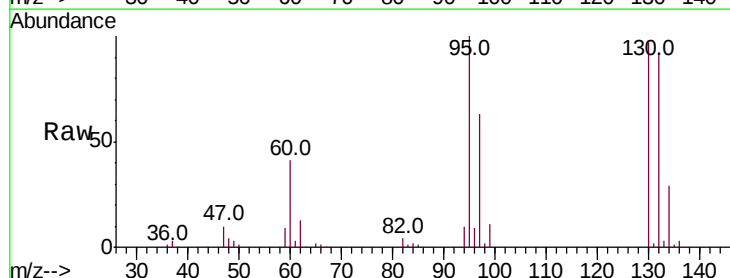
Ion Ratio Lower Upper

95 100

97 62.8 45.2 84.0

132 91.6 68.7 127.5

130 97.1 68.0 126.4



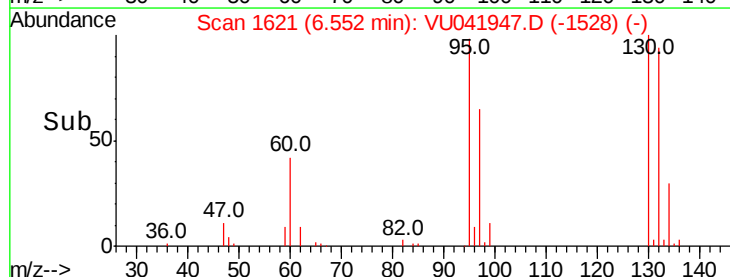
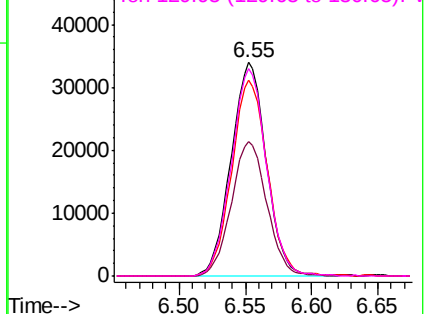
Abundance

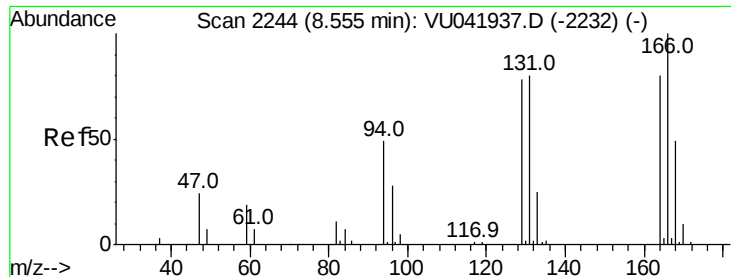
Ion 95.00 (94.70 to 95.70): VU0

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: 8.400 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041947.D

Acq: 12 Jan 2021 02:12

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion:164 Resp: 54997

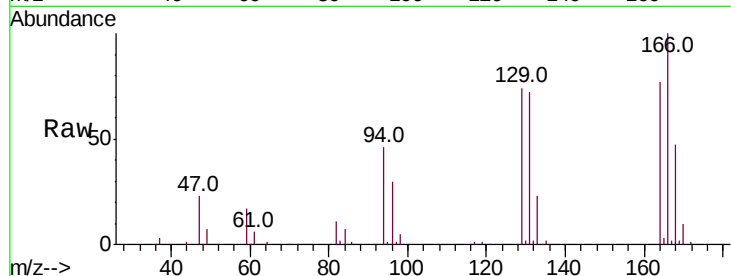
Ion Ratio Lower Upper

164 100

129 96.1 69.2 128.6

131 93.4 69.7 129.5

166 129.5 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

