

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031944.D
 Acq On : 12 May 2019 15:36
 Operator : JC/SP
 Sample : K2791-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D40

Quant Time: May 13 07:31:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 13 07:00:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	471562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125551	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.68	69	123403	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	188335	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.18	46	513308	40.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.82%
24) Chloroform-d	4.64	84	282121	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.31	65	161064	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.33	84	523680	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	193917	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.56	98	389221	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.85	79	55679	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.31	63	343737	42.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	169456	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	148117	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

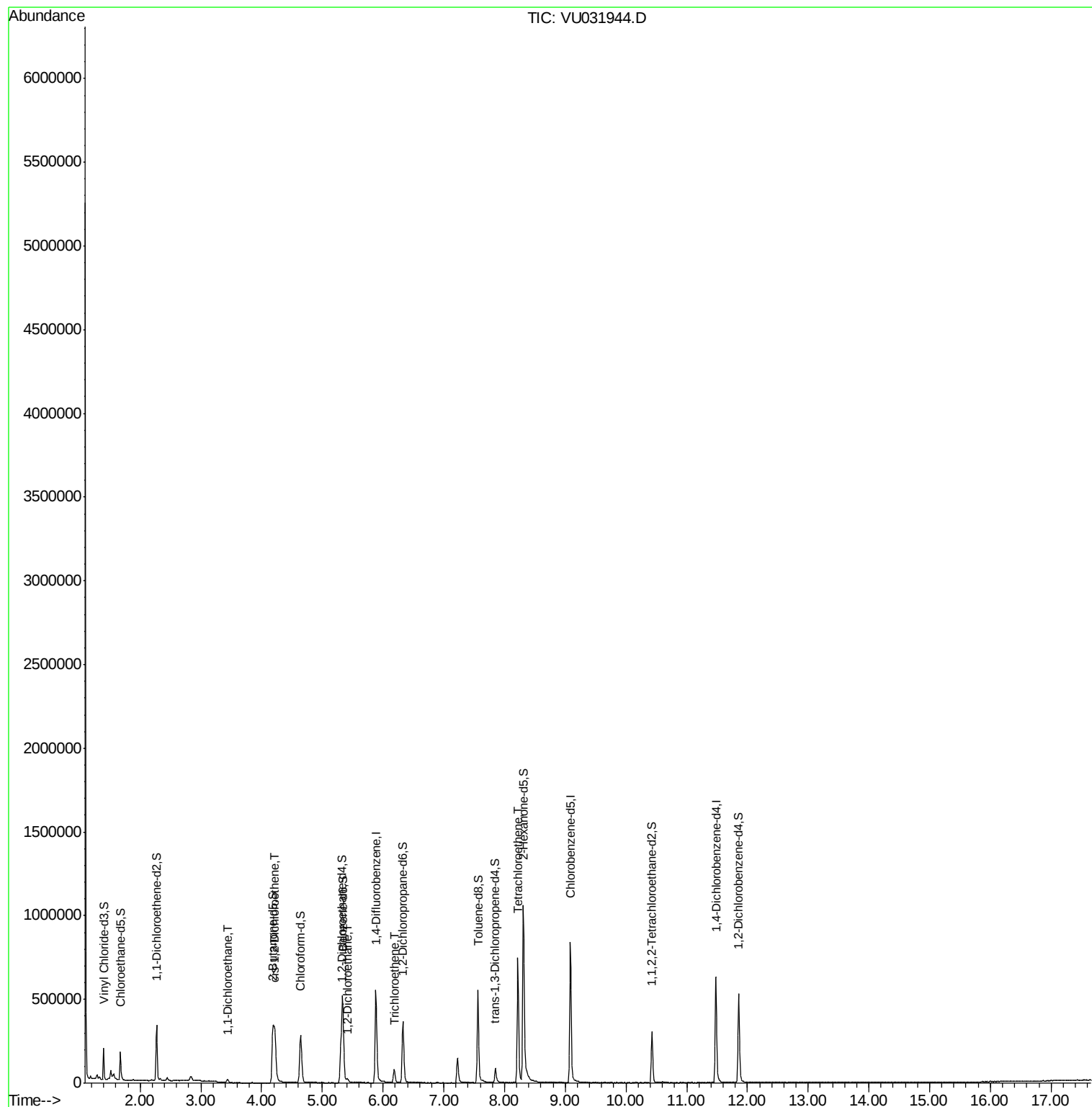
					Ovalue
19) 1,1-Dichloroethane	3.44	63	20511	0.241 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	133236	3.211 ug/L	75
27) 1,2-Dichloroethane	5.41	62	12572	0.228 ug/L #	96
34) Trichloroethene	6.18	95	30632	0.722 ug/L	93
47) Tetrachloroethene	8.22	164	171430	6.218 ug/L	98

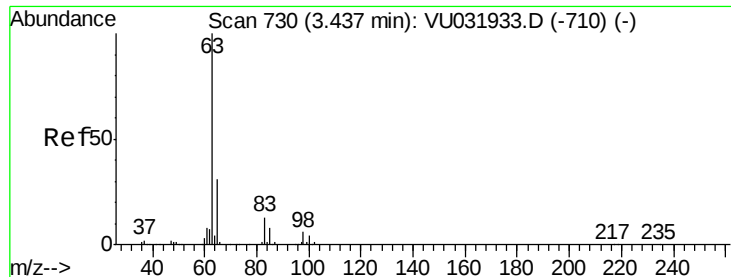
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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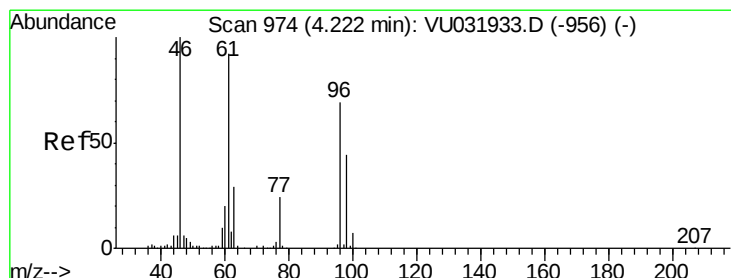
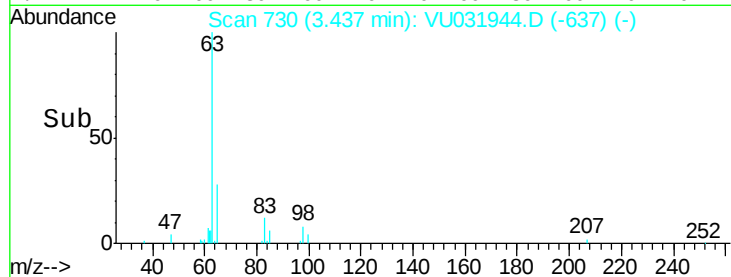
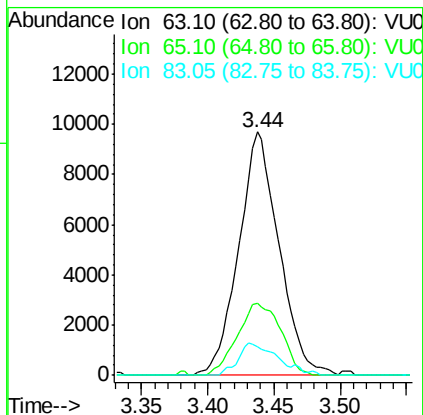
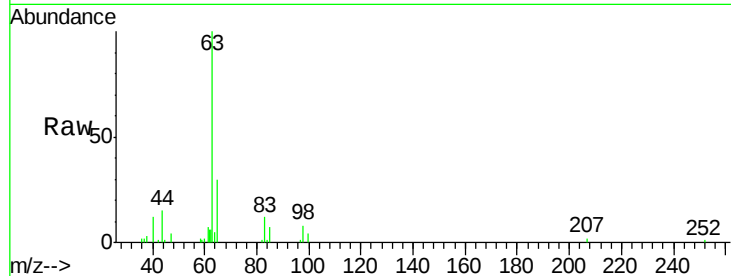




#19
 1,1-Dichloroethane
 Concen: 0.241 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031944.D
 Acq: 12 May 2019 15:36

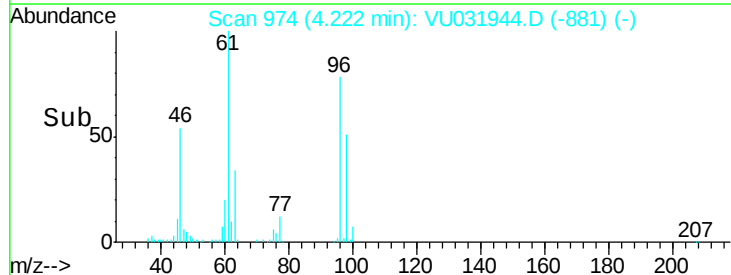
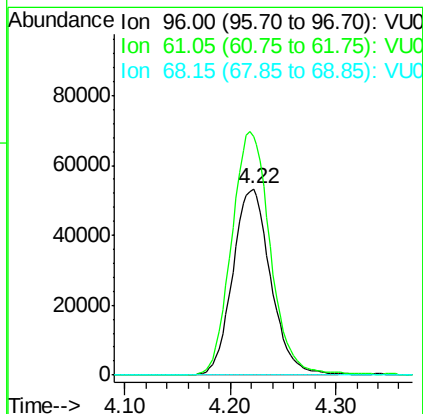
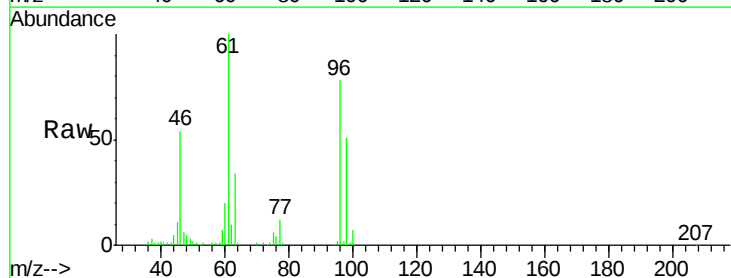
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D40

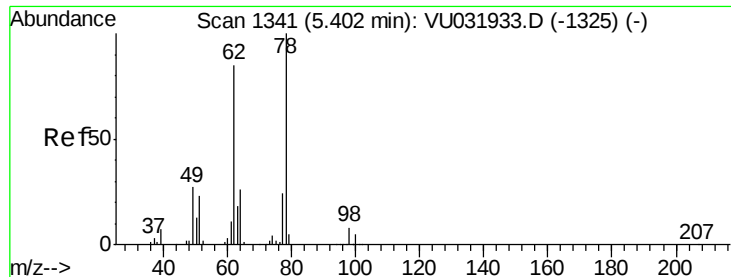
Tot Ion: 63 Resp: 20511
 Ion Ratio Lower Upper
 63 100
 65 29.6 21.8 40.4
 83 11.9 7.9 14.7



#22
 cis-1,2-Dichloroethene
 Concen: 3.211 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU031944.D
 Acq: 12 May 2019 15:36

Tgt Ion: 96 Resp: 133236
 Ion Ratio Lower Upper
 96 100
 61 128.5 113.3 210.5
 68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.228 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

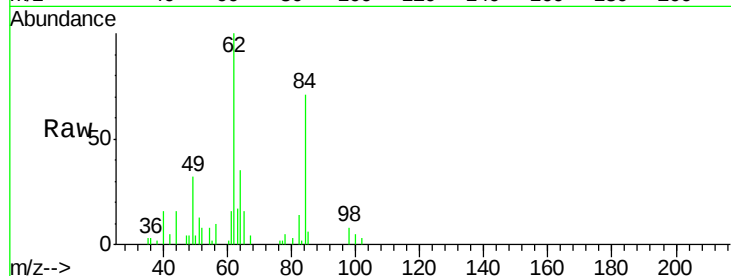
F9D40

Tot Ion: 62 Resp: 12572

Ion Ratio Lower Upper

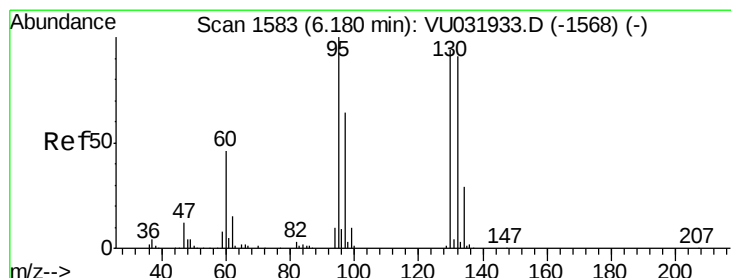
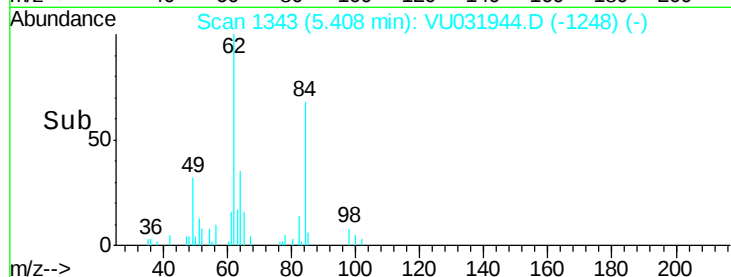
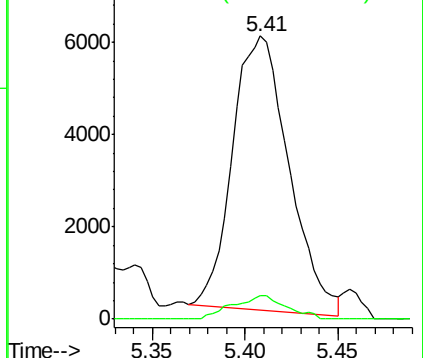
62 100

98 8.3 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VU031933.D (-1325) (-)

Ion 98.05 (97.75 to 98.75): VU031933.D (-1325) (-)



#34

Trichloroethene

Concen: 0.722 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Tgt Ion: 95 Resp: 30632

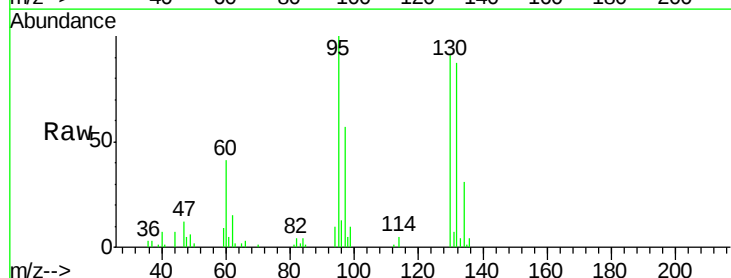
Ion Ratio Lower Upper

95 100

97 57.4 45.8 85.2

132 86.5 56.0 104.0

130 91.1 60.4 112.2

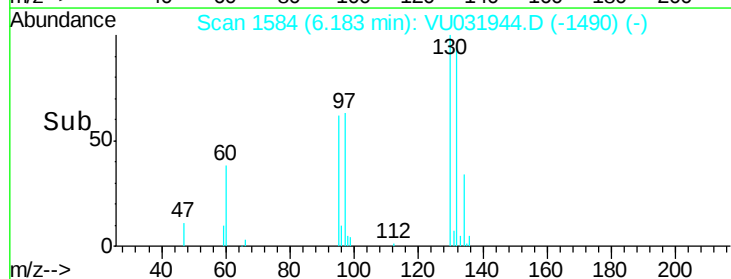
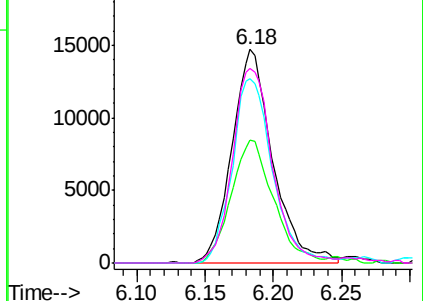


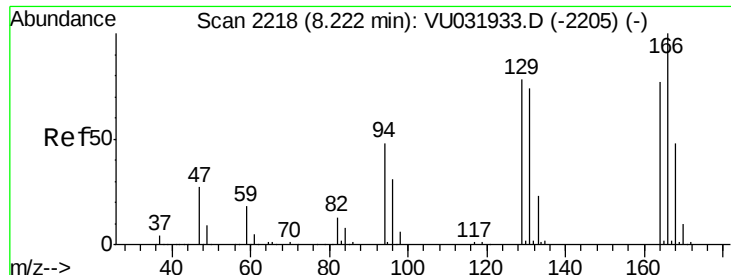
Abundance Ion 95.00 (94.70 to 95.70): VU031933.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU031933.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU031933.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031933.D (-1568) (-)





#47

Tetrachloroethene

Concen: 6.218 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

F9D40

Tot Ion:164 Resp: 171430

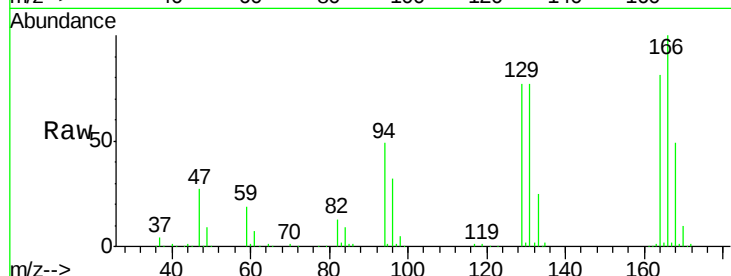
Ion Ratio Lower Upper

164 100

129 95.2 70.3 130.5

131 95.0 65.4 121.4

166 123.5 86.0 159.8



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

