

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013325.D
 Acq On : 24 Oct 2019 20:10
 Operator : SY/MD
 Sample : K5457-07
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K12

Quant Time: Oct 25 05:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	422594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	458358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	234853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151145	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	125209	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	182236	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.02	46	332964	55.65	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.30%
24) Chloroform-d	4.40	84	345697	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	166682	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	713919	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	215500	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	593801	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	63221	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	220453	36.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146150	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	239706	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

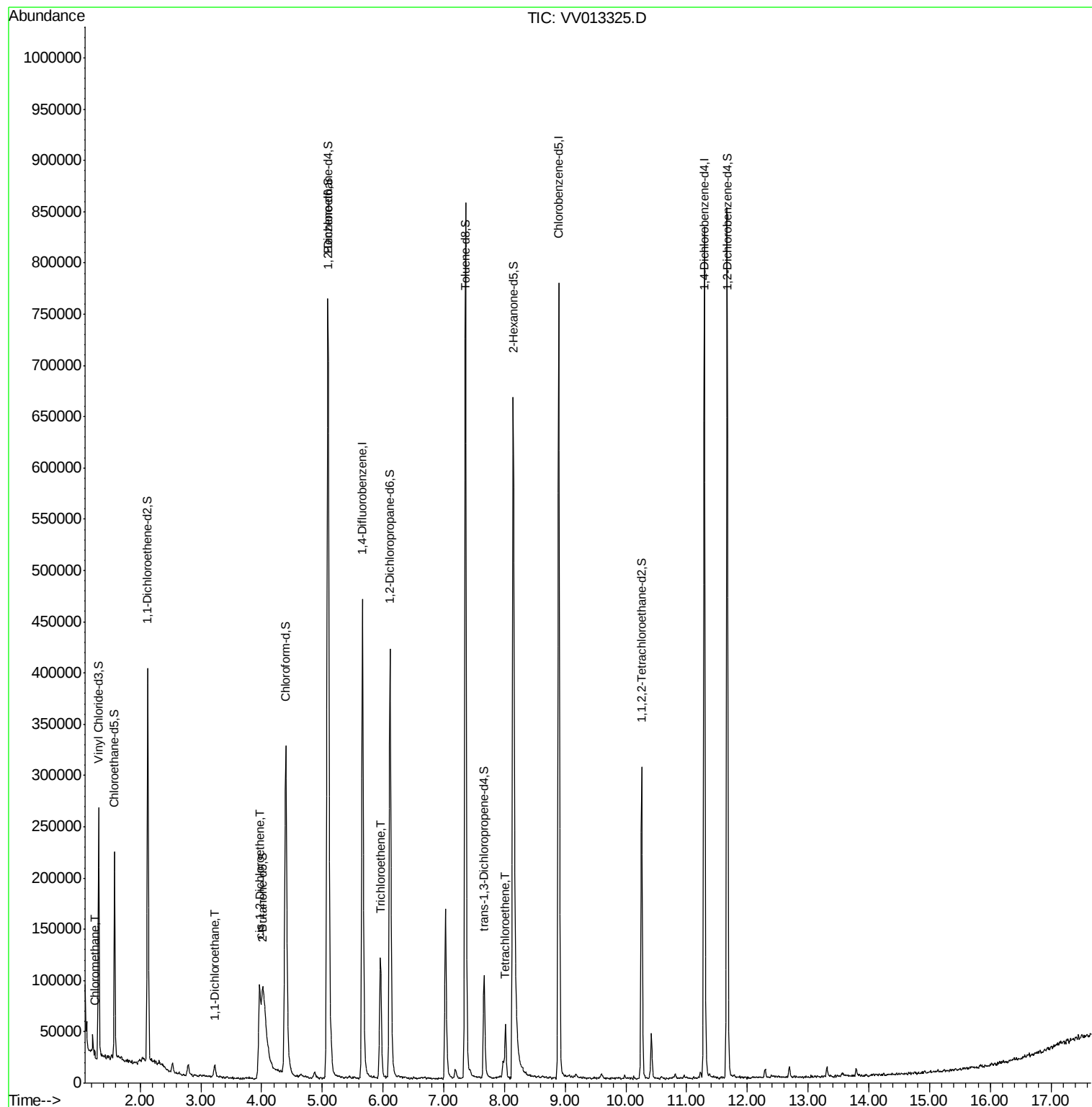
					Ovalue
3) Chloromethane	1.25	50	4896	0.121 ug/L	97
19) 1,1-Dichloroethane	3.23	63	11231	0.176 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	31878	0.760 ug/L #	91
34) Trichloroethene	5.96	95	39315	0.837 ug/L	98
47) Tetrachloroethene	8.01	164	13458	0.316 ug/L	94

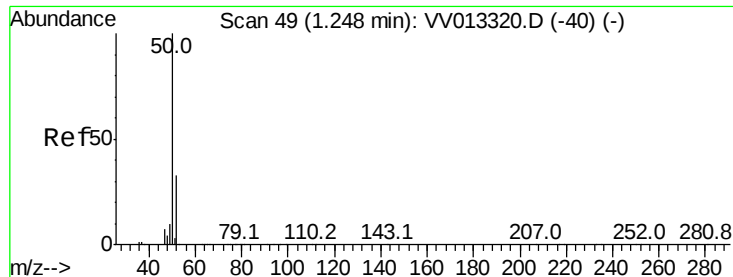
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013325.D

Acq: 24 Oct 2019 20:10

Instrument :

MSVOA_V

ClientSampleId :

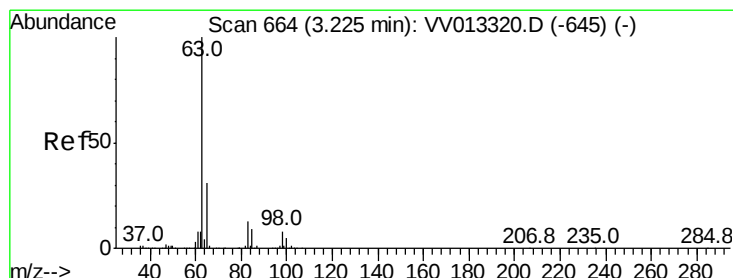
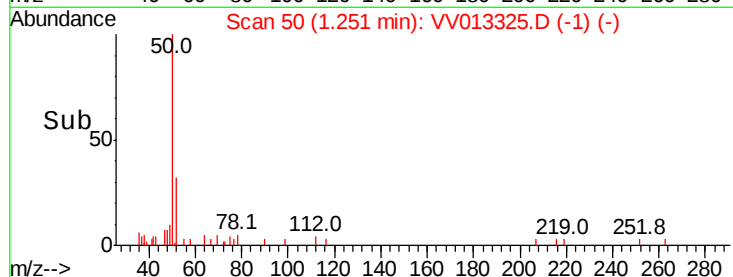
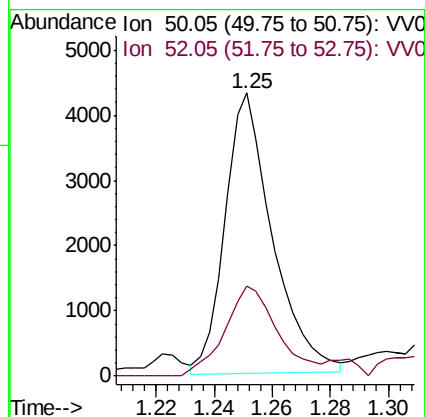
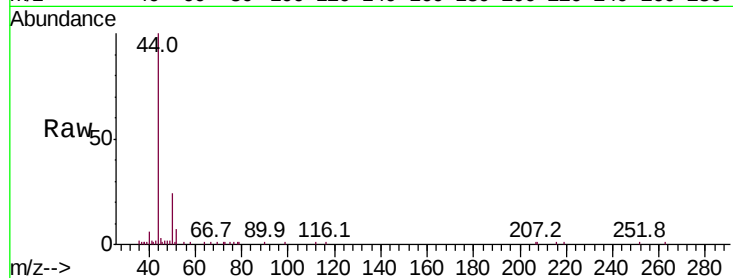
C0K12

Tot Ion: 50 Resp: 4896

Ion Ratio Lower Upper

50 100

52 31.8 23.3 43.3



#19

1,1-Dichloroethane

Concen: 0.176 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV013325.D

Acq: 24 Oct 2019 20:10

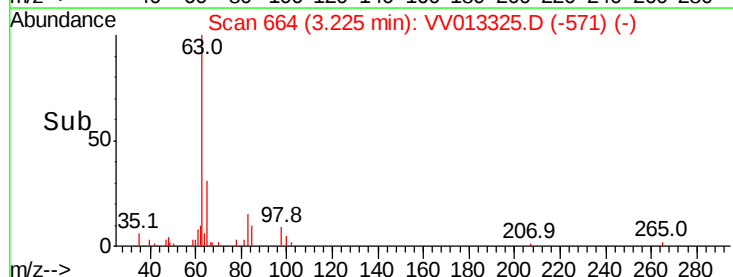
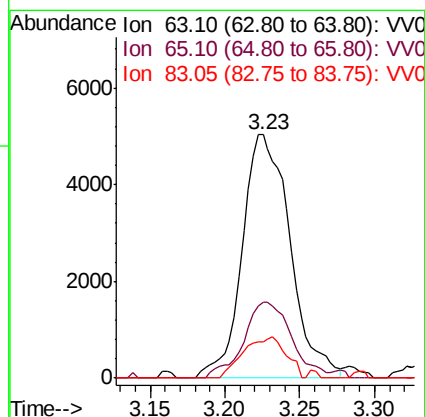
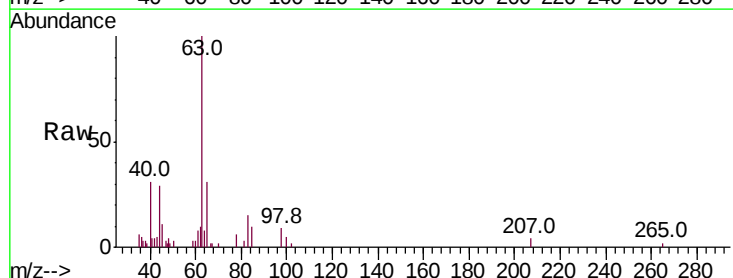
Tgt Ion: 63 Resp: 11231

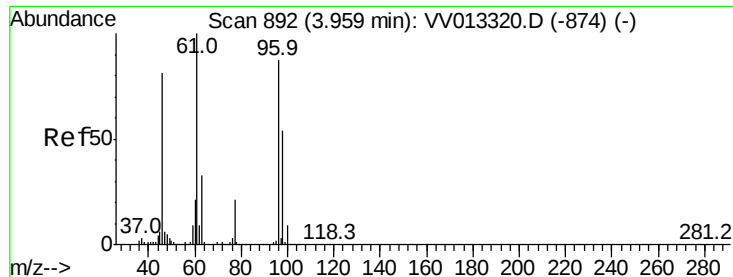
Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 14.9 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 0.760 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013325.D

Acq: 24 Oct 2019 20:10

Instrument :

MSVOA_V

ClientSampleId :

C0K12

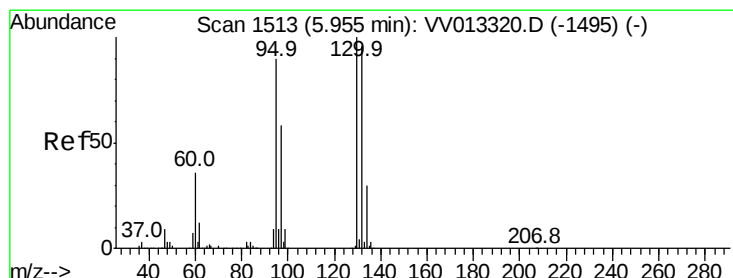
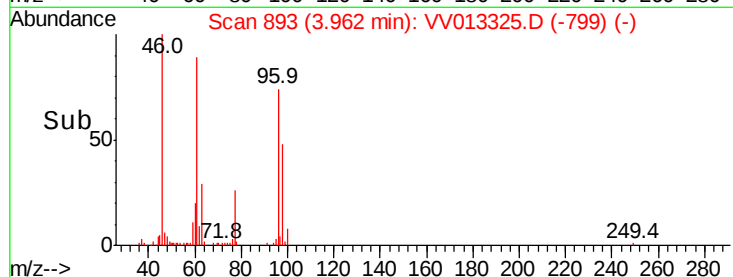
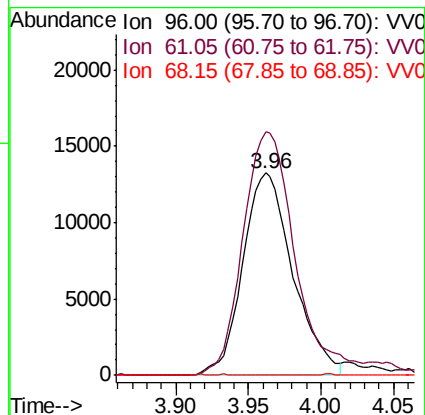
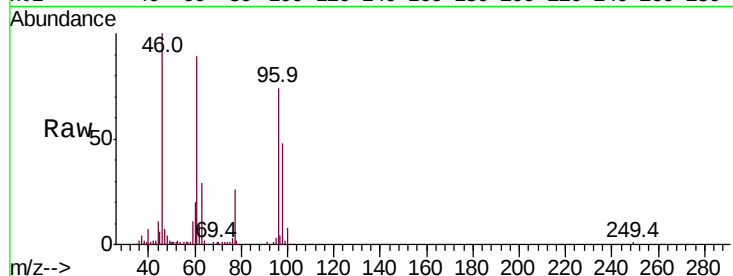
Tot Ion: 96 Resp: 31878

Ion Ratio Lower Upper

96 100

61 120.5 77.3 143.7

68 0.0 0.1 0.1#



#34

Trichloroethene

Concen: 0.837 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013325.D

Acq: 24 Oct 2019 20:10

Tgt Ion: 95 Resp: 39315

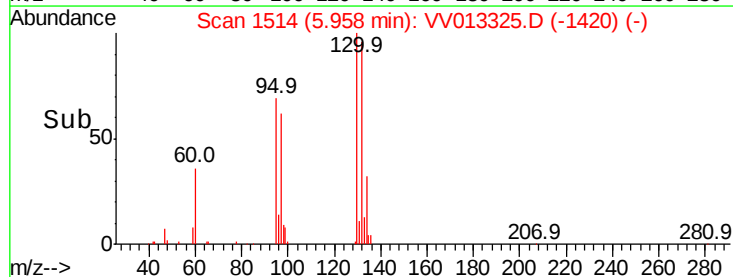
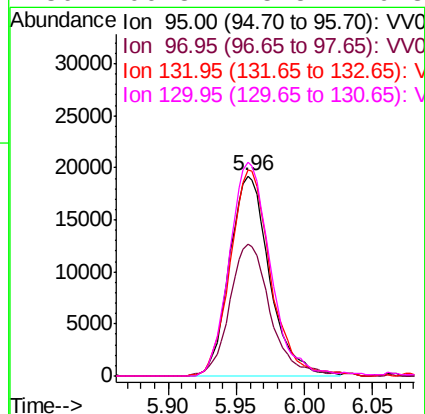
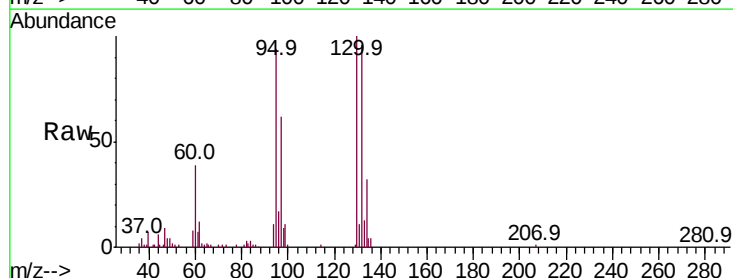
Ion Ratio Lower Upper

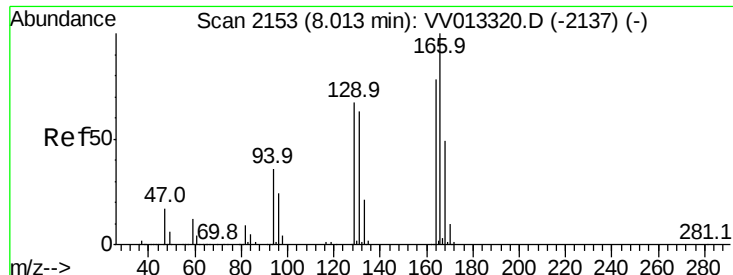
95 100

97 65.8 45.2 84.0

132 103.0 70.6 131.2

130 106.8 75.5 140.3





#47

Tetrachloroethene

Concen: 0.316 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV013325.D

Acq: 24 Oct 2019 20:10

Instrument :

MSVOA_V

ClientSampleId :

C0K12

Tot Ion:164 Resp: 13458

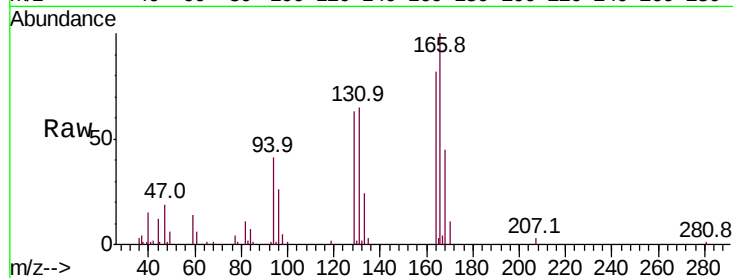
Ion Ratio Lower Upper

164 100

129 76.5 61.0 113.2

131 78.9 57.5 106.9

166 121.5 87.8 163.0



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

