

Data File : VW009205.D
Acq On : 16 Mar 2019 13:01
Operator : SY/VA
Sample : K1936-07
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0W4

Quant Time: Mar 18 02:43:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 02:40:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	491190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	222921	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	164804	28.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.32%
7) Chloroethane-d5	2.89	69	148072	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	4.01	63	244432	19.27	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.08%
20) 2-Butanone-d5	7.08	46	87621	36.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.20%
24) Chloroform-d	7.64	84	308256	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.31	65	179555	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.96%
29) Benzene-d6	8.27	84	601835	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.27	67	176429	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.12%
37) Toluene-d8	10.32	98	546546	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.68%
38) trans-1,3-Dichloropropene-	10.57	79	82680	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.96%
39) 2-Hexanone-d5	10.93	63	72638	39.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151910	20.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	202119	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

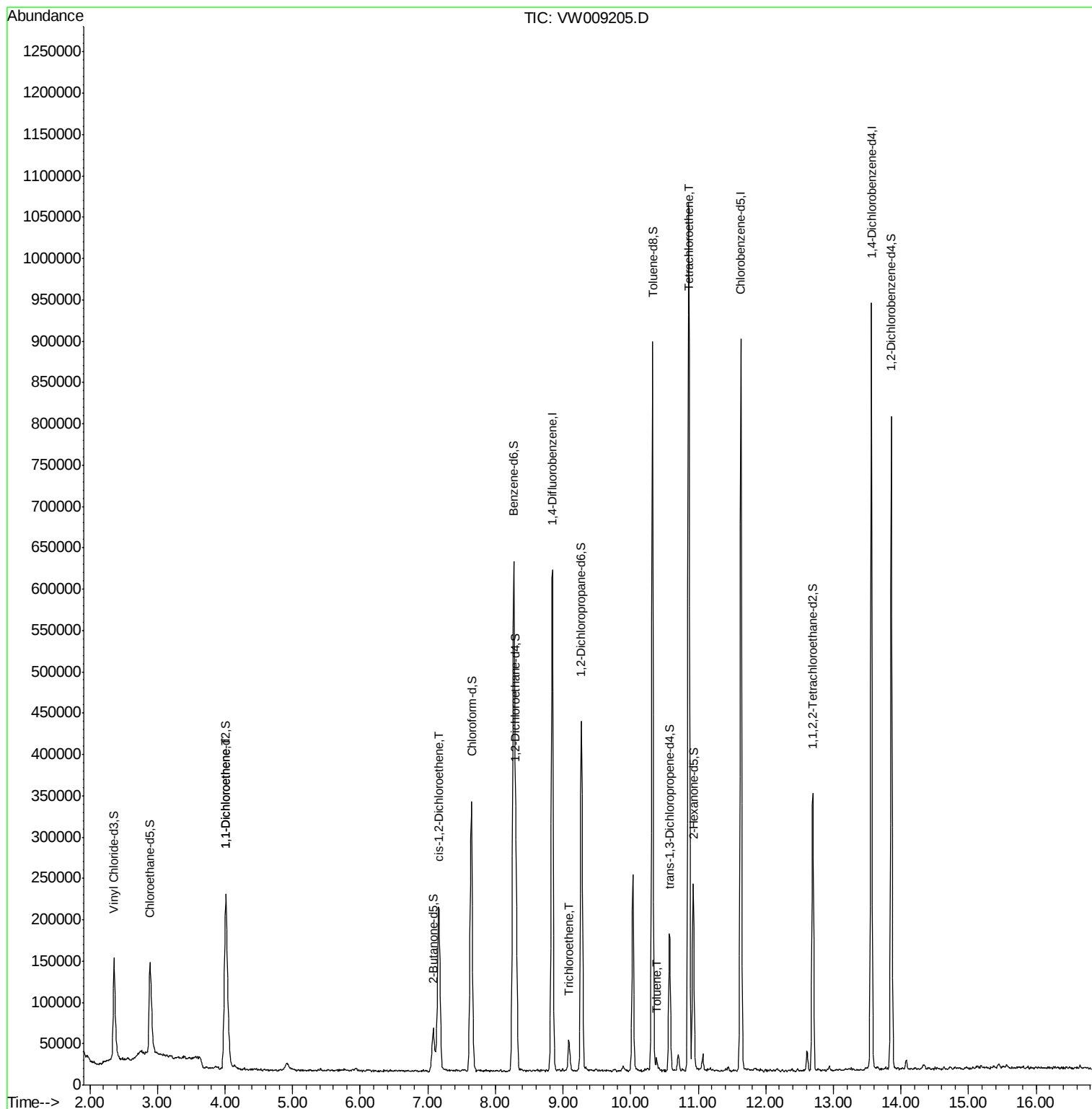
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1946	0.322 ug/L	# 1
22) cis-1,2-Dichloroethene	7.17	96	104019	15.099 ug/L	99
35) Trichloroethene	9.09	95	11473	1.701 ug/L	97
44) Toluene	10.38	91	9471	0.342 ug/L	95
47) Tetrachloroethene	10.86	164	215716	37.844 ug/L	97

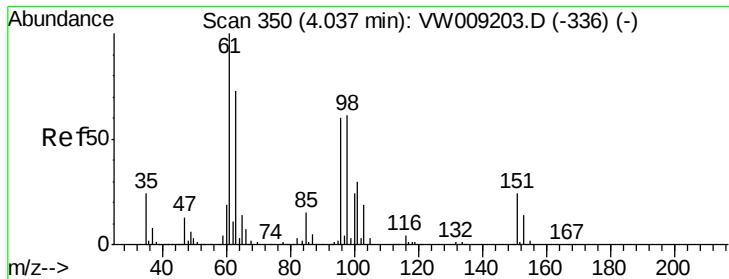
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.322 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW009205.D

Acq: 16 Mar 2019 13:01

Instrument :

MSVOA_W

ClientSampled :

BF0W4

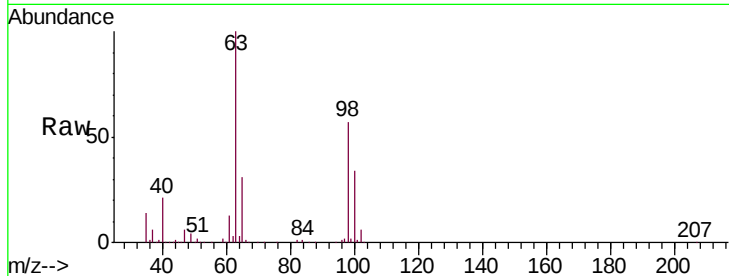
Tgt Ion: 96 Resp: 1946

Ion Ratio Lower Upper

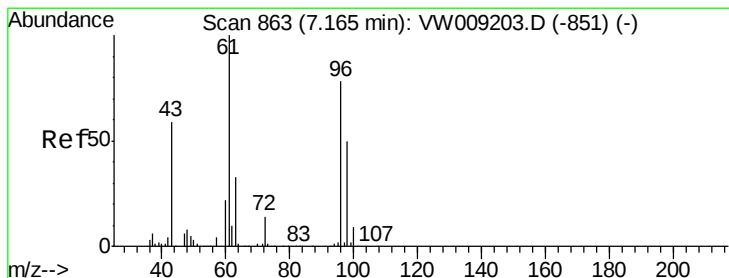
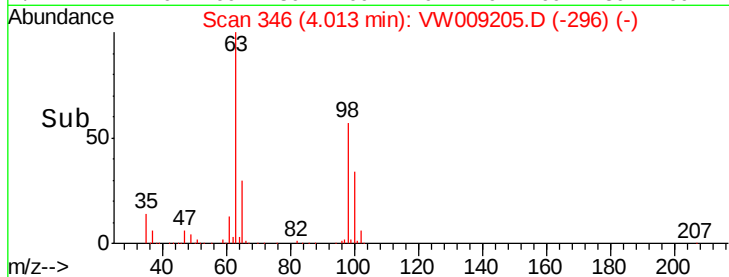
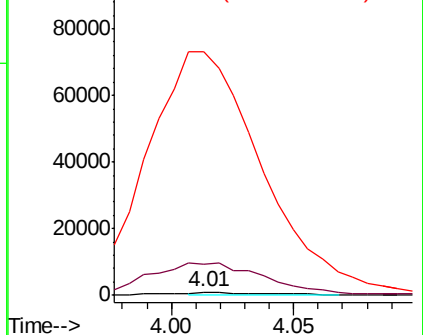
96 100

61 988.1 129.4 240.2#

63 7839.5 116.8 217.0#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#22

cis-1,2-Dichloroethene

Concen: 15.099 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009205.D

Acq: 16 Mar 2019 13:01

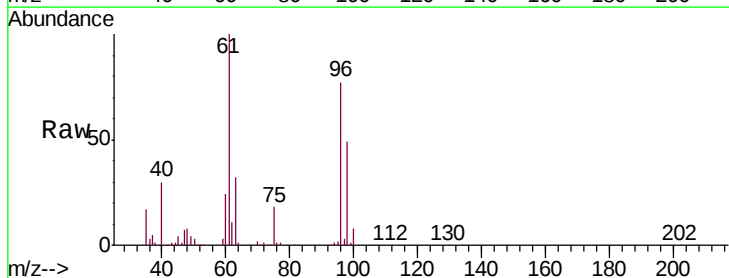
Tgt Ion: 96 Resp: 104019

Ion Ratio Lower Upper

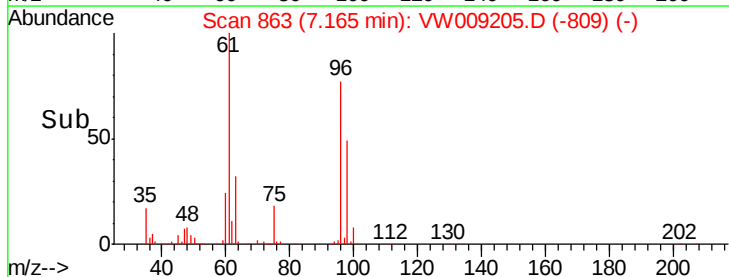
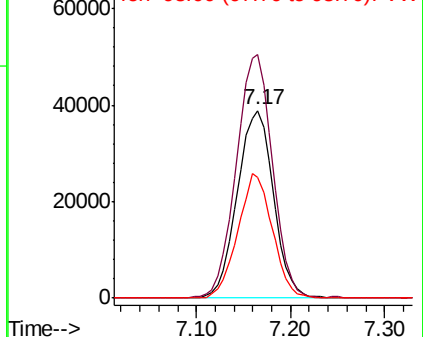
96 100

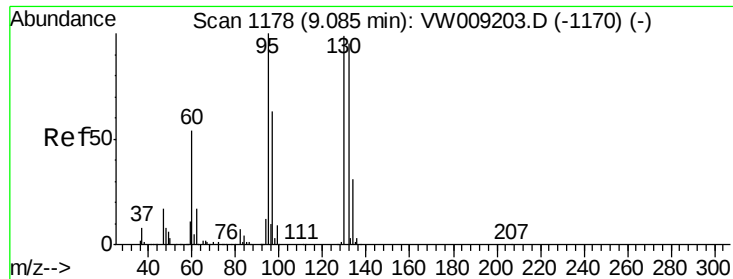
61 129.9 90.6 168.3

98 64.2 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW

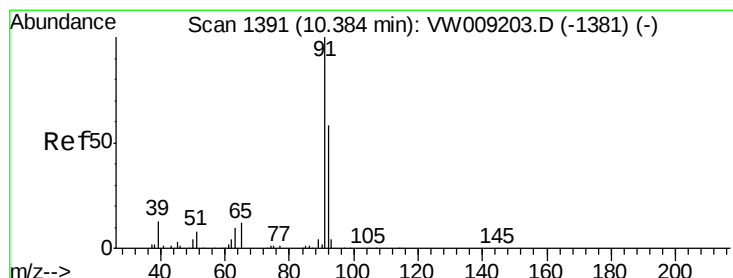
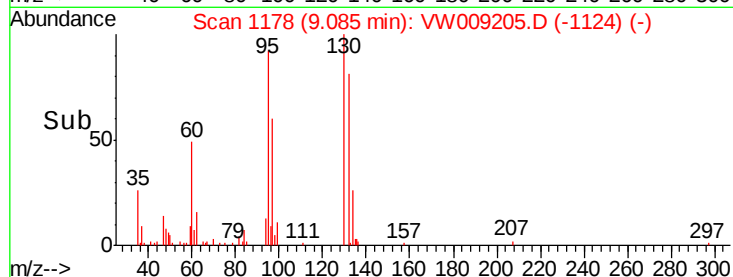
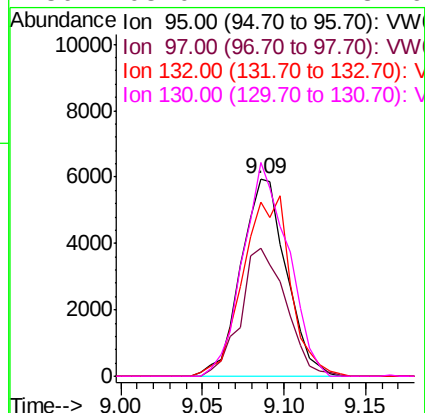
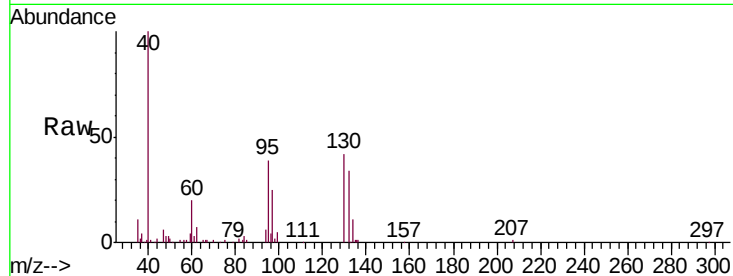




#35
 Trichloroethene
 Concen: 1.701 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009205.D
 Acq: 16 Mar 2019 13:01

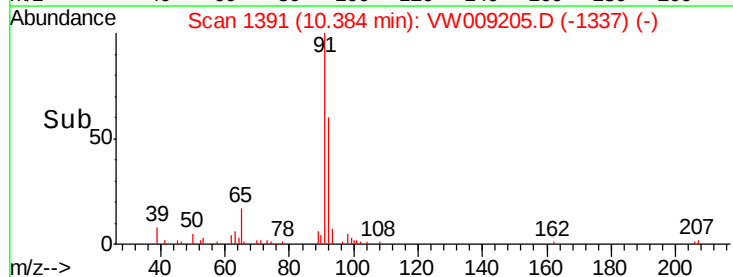
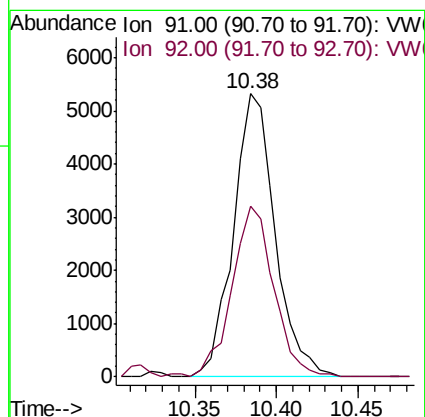
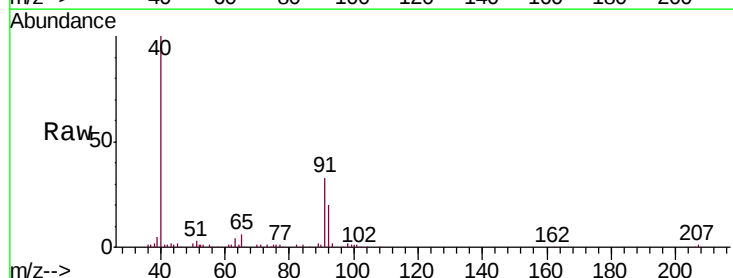
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 BF0W4

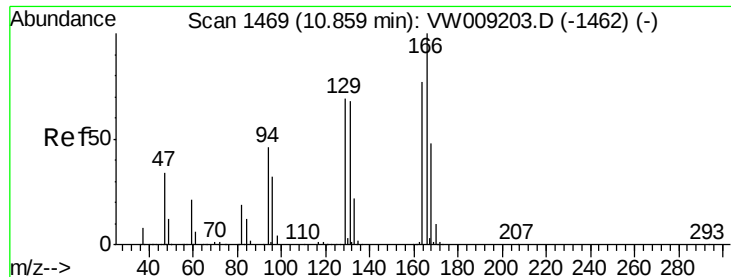
Tgt Ion: 95 Resp: 11473
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.7 82.9
 132 95.4 69.0 128.2
 130 108.0 72.7 134.9



#44
 Toluene
 Concen: 0.342 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW009205.D
 Acq: 16 Mar 2019 13:01

Tgt Ion: 91 Resp: 9471
 Ion Ratio Lower Upper
 91 100
 92 60.2 39.8 73.8





#47

Tetrachloroethene

Concen: 37.844 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009205.D

Acq: 16 Mar 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

BF0W4

Tgt Ion:164 Resp: 215716

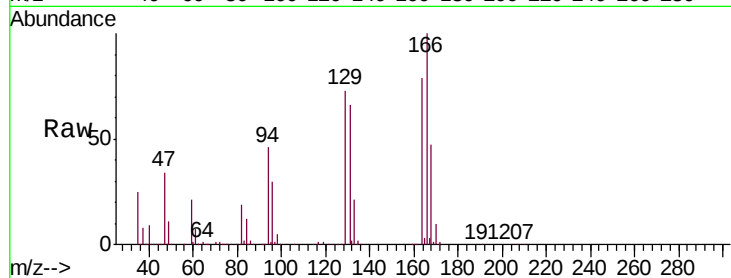
Ion Ratio Lower Upper

164 100

129 93.0 66.5 123.5

131 84.2 62.6 116.3

166 127.4 91.6 170.0



Abundance Ion 164.00 (163.70 to 164.70): V

250000 Ion 129.00 (128.70 to 129.70): V

200000 Ion 131.00 (130.70 to 131.70): V

150000 Ion 166.00 (165.70 to 166.70): V

