

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009771.D
 Acq On : 06 Apr 2019 14:34
 Operator : SY/VA
 Sample : K2327-04
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S0

Quant Time: Apr 07 04:00:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	509798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161560	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
7) Chloroethane-d5	2.89	69	146872	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	4.01	63	280813	19.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	7.07	46	98437	45.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.90%
24) Chloroform-d	7.64	84	369654	26.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.28%
26) 1,2-Dichloroethane-d4	8.30	65	225406	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.56%
29) Benzene-d6	8.27	84	703906	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	9.27	67	214628	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.56%
37) Toluene-d8	10.32	98	634590	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.20%
38) trans-1,3-Dichloropropene-	10.58	79	90804	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.20%
39) 2-Hexanone-d5	10.93	63	70606	47.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168508	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	206968	28.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.80%

Target Compounds

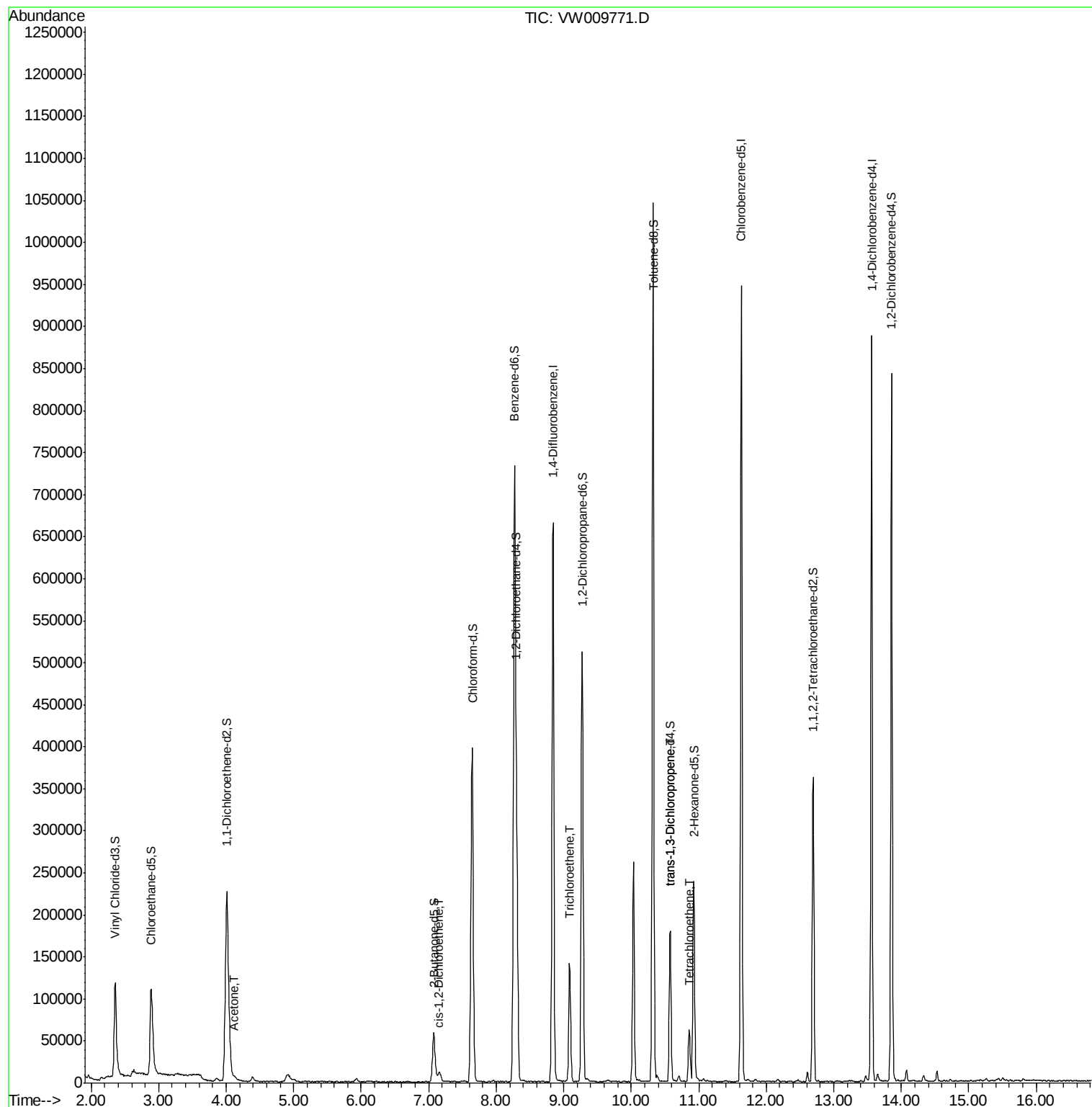
					Qvalue
13) Acetone	4.12	43	2913	1.255 ug/L	73
22) cis-1,2-Dichloroethene	7.16	96	4179	0.555 ug/L #	71
35) Trichloroethene	9.09	95	45042	5.919 ug/L	98
45) trans-1,3-Dichloropropene	10.57	75	5685	0.572 ug/L	90
47) Tetrachloroethene	10.86	164	12782	2.133 ug/L	95

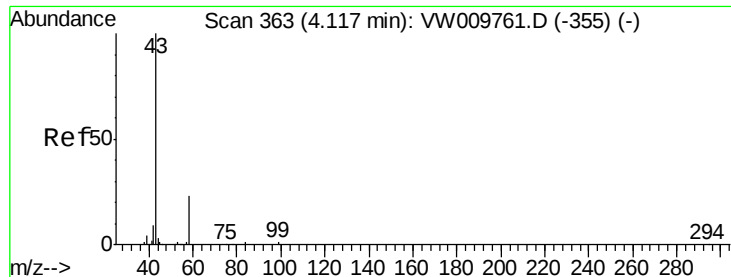
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.255 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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ClientSampleId :

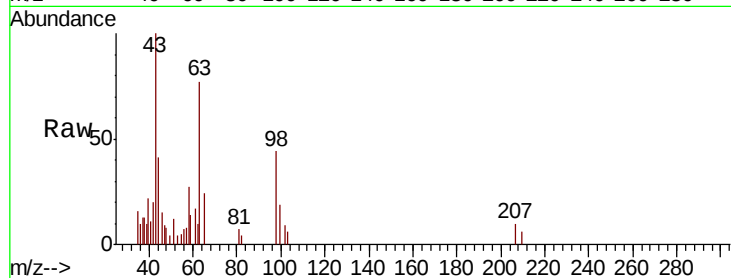
BF2S0

Tgt Ion: 43 Resp: 2913

Ion Ratio Lower Upper

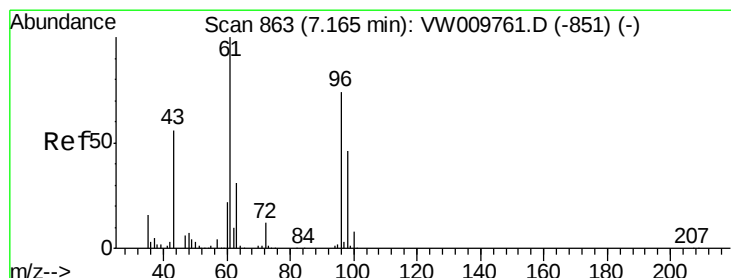
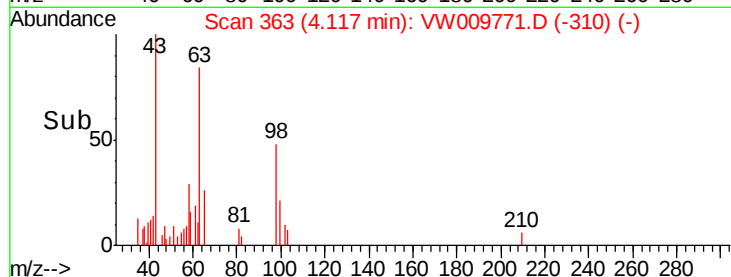
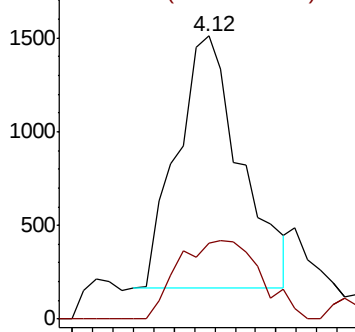
43 100

58 40.6 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.555 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

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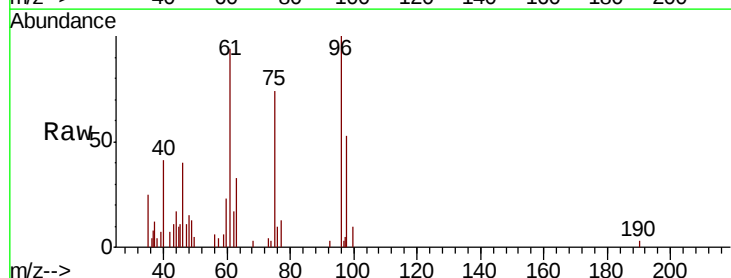
Tgt Ion: 96 Resp: 4179

Ion Ratio Lower Upper

96 100

61 94.2 96.8 179.8#

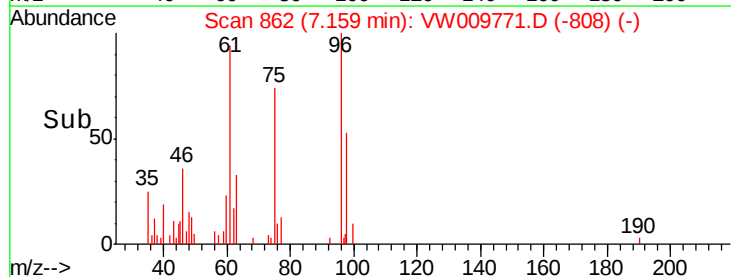
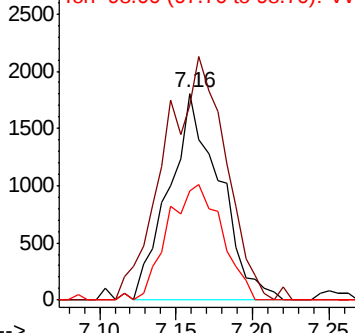
98 52.8 43.5 80.9

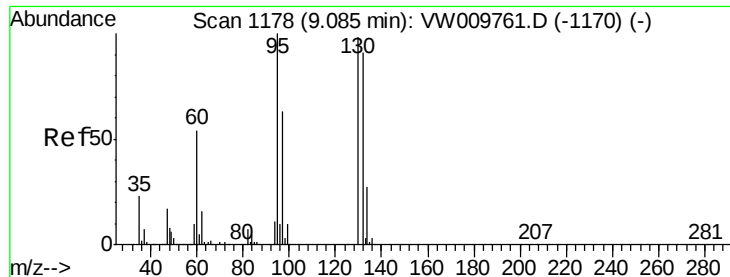


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 5.919 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

BF2S0

Tgt Ion: 95 Resp: 45042

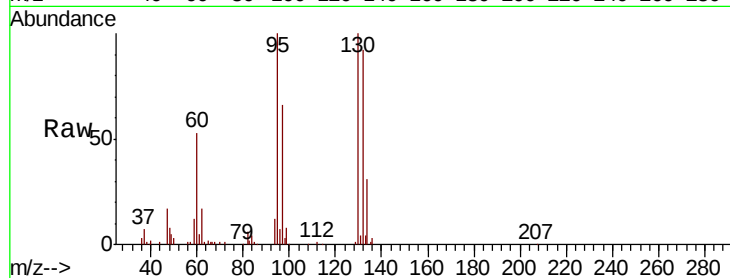
Ion Ratio Lower Upper

95 100

97 65.9 44.9 83.5

132 94.5 67.1 124.7

130 102.6 69.2 128.6

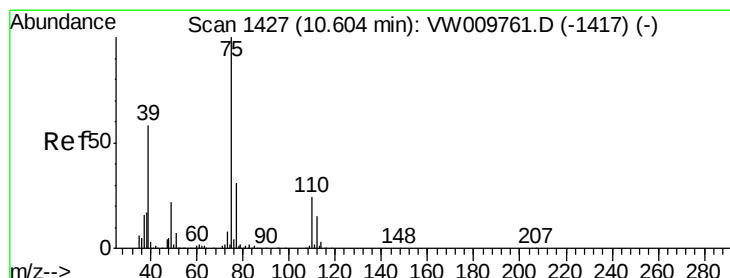
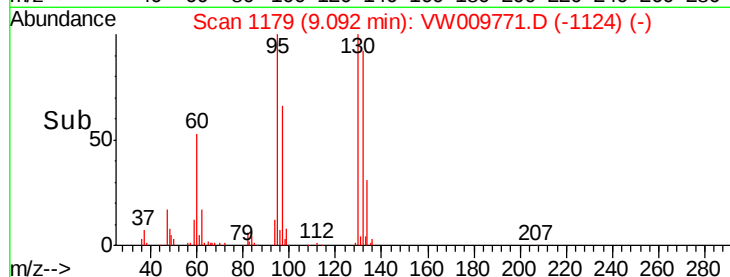
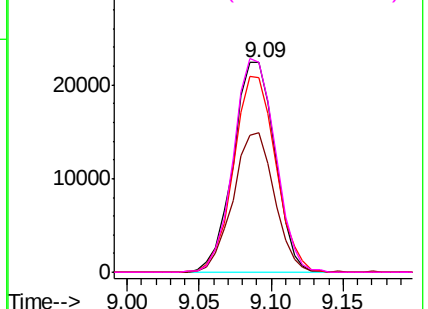


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.572 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009771.D

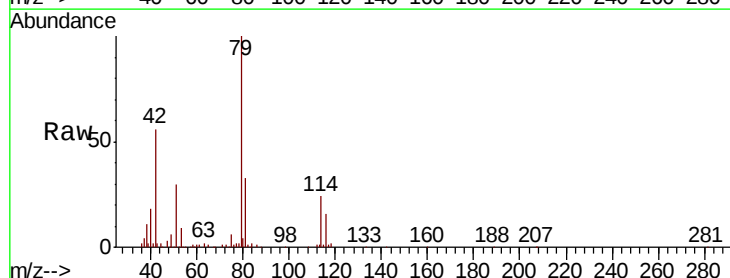
Acq: 06 Apr 2019 14:34

Tgt Ion: 75 Resp: 5685

Ion Ratio Lower Upper

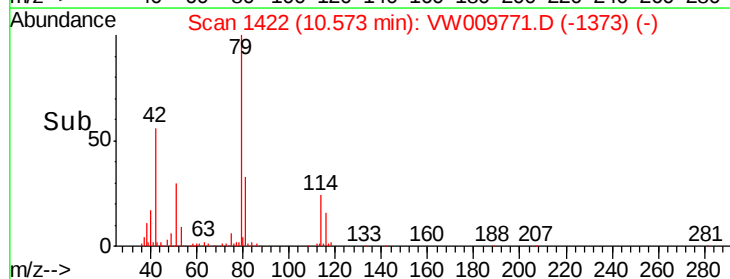
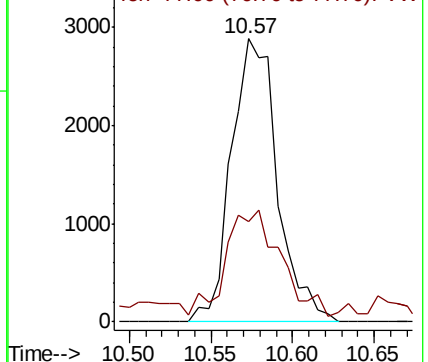
75 100

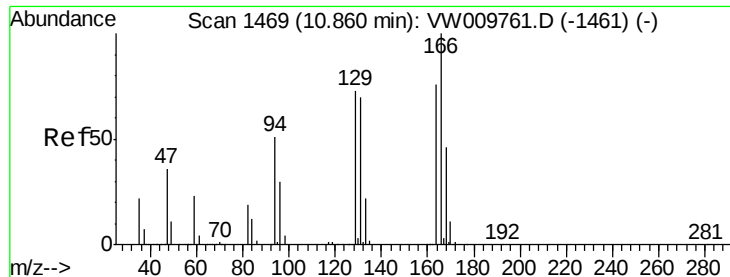
77 35.6 21.1 39.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 2.133 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009771.D

Acq: 06 Apr 2019 14:34

Instrument :

MSVOA_W

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BF2S0

Tgt Ion:164 Resp: 12782

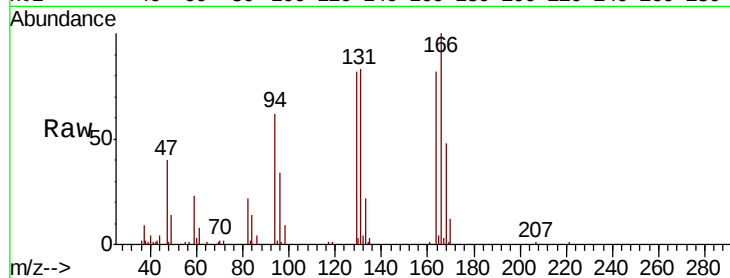
Ion Ratio Lower Upper

164 100

129 100.5 68.9 127.9

131 101.1 63.1 117.1

166 122.3 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

