

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007941.D
 Acq On : 27 Dec 2018 01:08
 Operator : SY/AP
 Sample : J6506-01
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEZX8

Quant Time: Dec 27 03:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 27 03:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	103915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36074	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23620	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
7) Chloroethane-d5	2.90	69	15996	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.01	63	46639	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	7.07	46	17457	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
24) Chloroform-d	7.65	84	60675	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	8.31	65	38346	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.27	84	117600	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	33180	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.32	98	111076	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.08%
38) trans-1,3-Dichloropropene-	10.58	79	16955	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	14024	40.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27378	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	31476	21.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.40%

Target Compounds

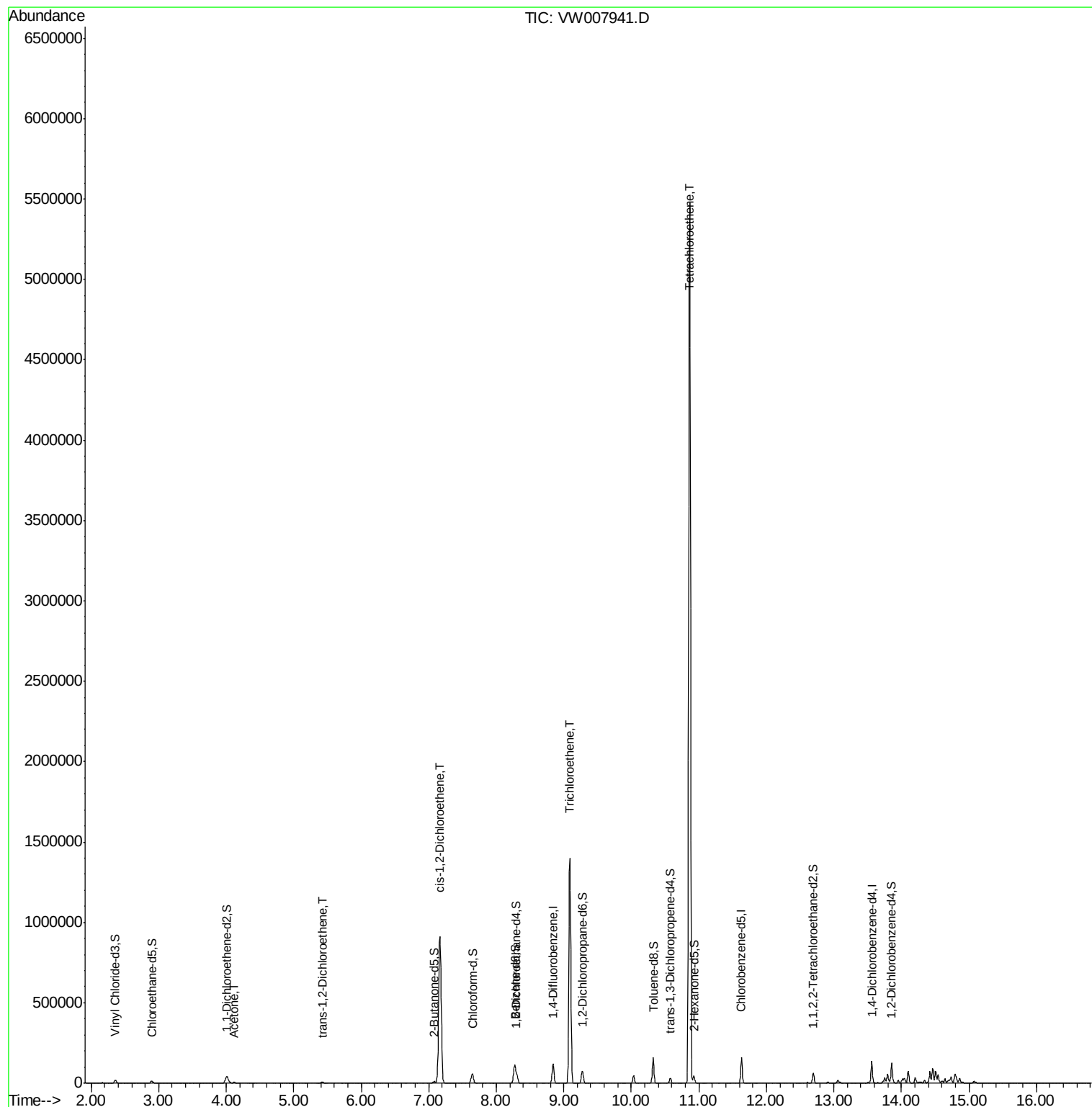
					Ovalue
13) Acetone	4.12	43	6633	15.545	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	2786	2.138	ug/L 97
22) cis-1,2-Dichloroethene	7.16	96	550708	394.419	ug/L 94
35) Trichloroethene	9.09	95	477257	347.598	ug/L 99
47) Tetrachloroethene	10.87	164	1184134	1085.474	ug/L 96

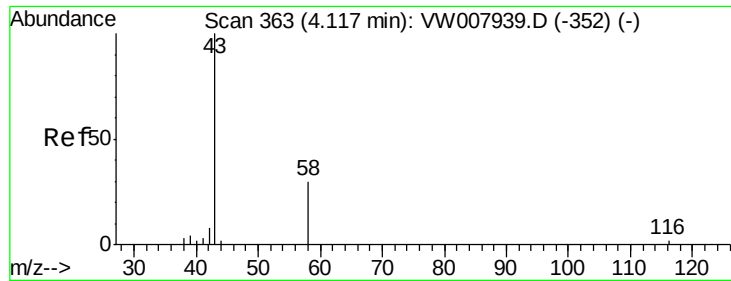
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 27 03:06:17 2018
Response via : Initial Calibration





#13

Acetone

Concen: 15.545 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007941.D

Acq: 27 Dec 2018 01:08

Instrument :

MSVOA_W

ClientSampled :

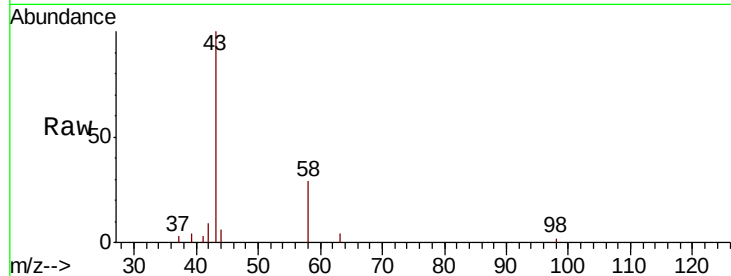
BEZX8

Tot Ion: 43 Resp: 6633

Ion Ratio Lower Upper

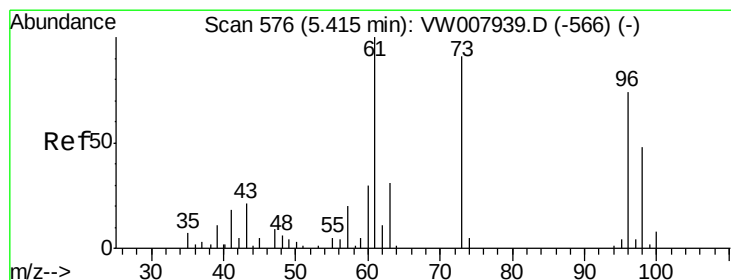
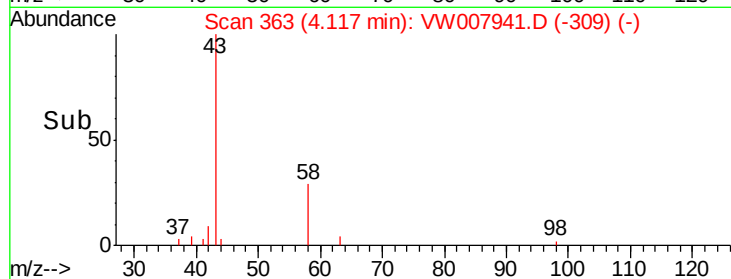
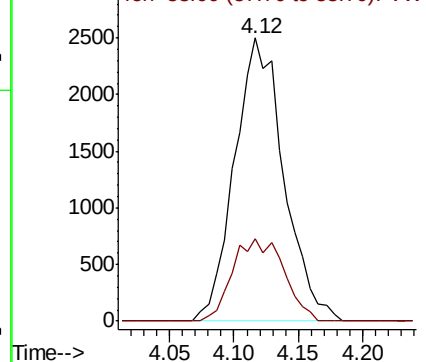
43 100

58 30.4 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

trans-1,2-Dichloroethene

Concen: 2.138 ug/L

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007941.D

Acq: 27 Dec 2018 01:08

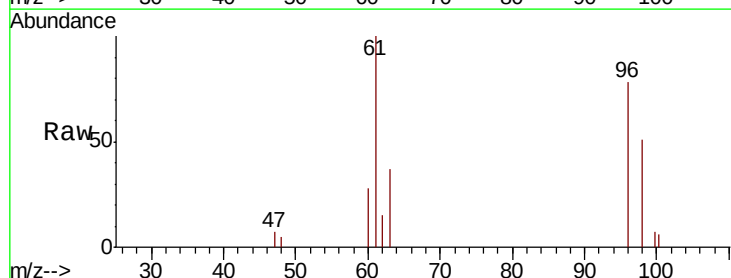
Tgt Ion: 96 Resp: 2786

Ion Ratio Lower Upper

96 100

61 128.2 91.4 169.8

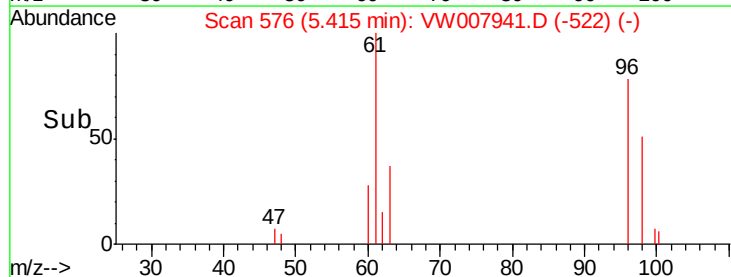
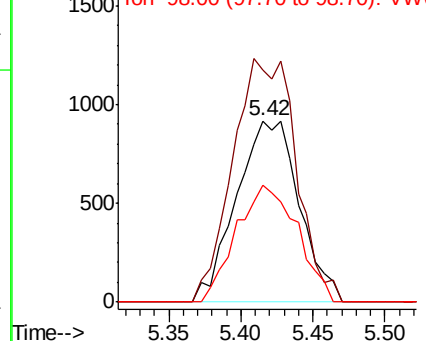
98 64.8 48.0 89.2

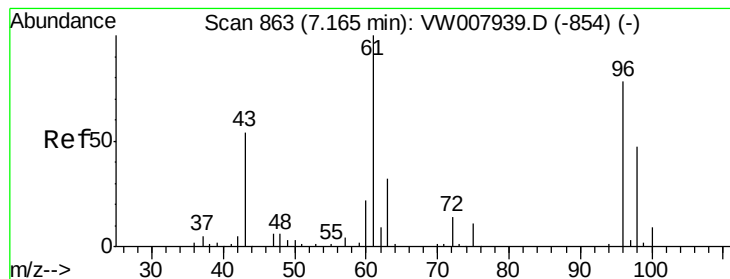


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



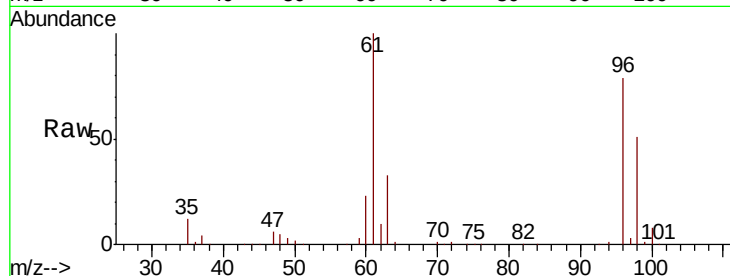


#22

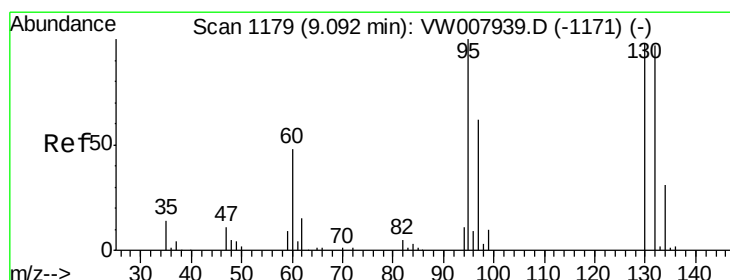
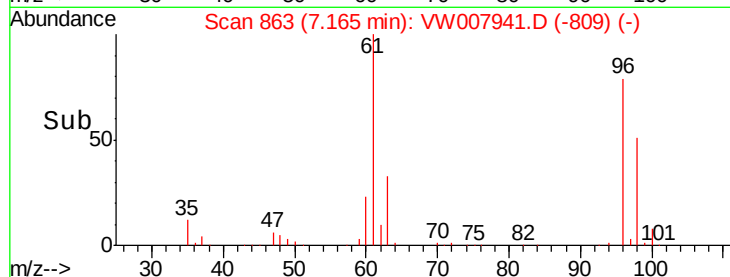
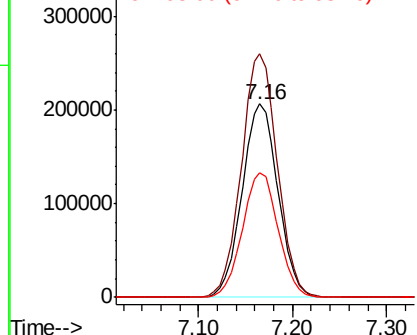
cis-1,2-Dichloroethene
Concen: 394.419 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007941.D
Acq: 27 Dec 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
BEZX8

Tot Ion: 96 Resp: 550708
Ion Ratio Lower Upper
96 100
61 125.9 83.4 155.0
98 64.7 42.3 78.5



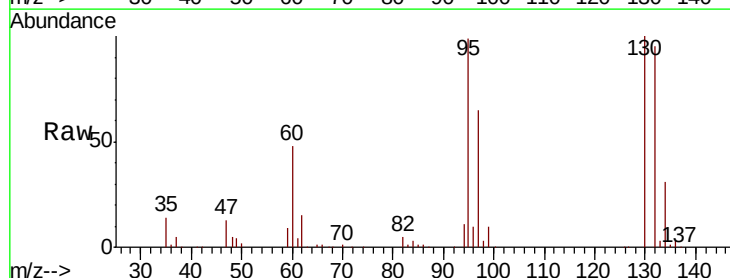
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



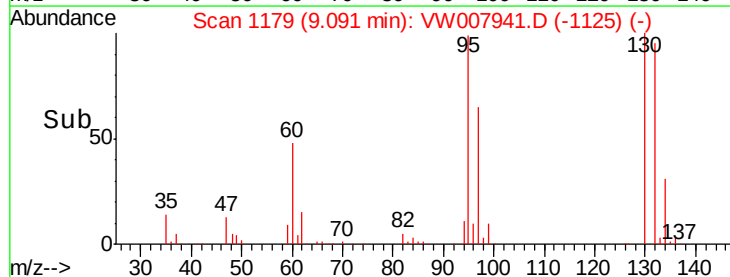
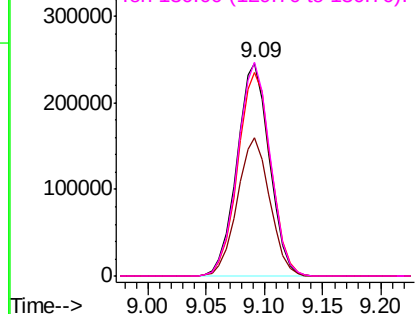
#35

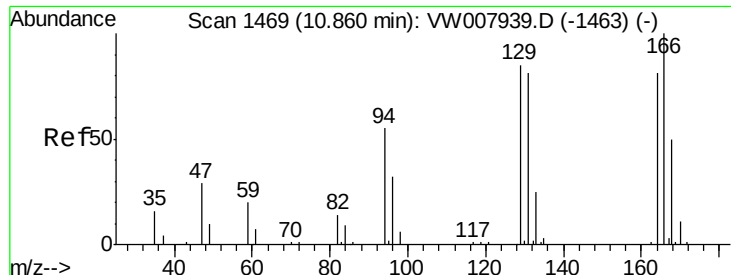
Trichloroethene
Concen: 347.598 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007941.D
Acq: 27 Dec 2018 01:08

Tgt Ion: 95 Resp: 477257
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.5
132 97.4 67.8 126.0
130 100.7 70.3 130.7



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): V
Ion 130.00 (129.70 to 130.70): V





#47

Tetrachloroethene

Concen: 1085.474 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007941.D

Acq: 27 Dec 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

BEZX8

Tot Ion:164 Resp: 1184134

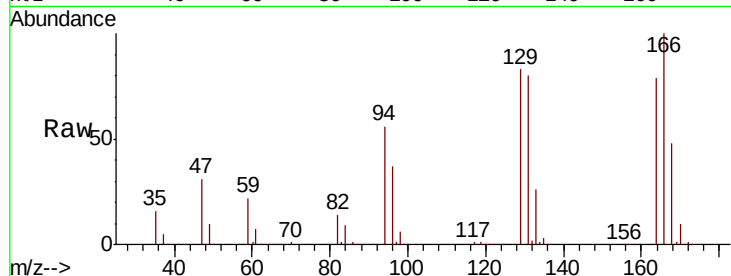
Ion Ratio Lower Upper

164 100

129 105.0 70.6 131.2

131 101.4 66.5 123.5

166 126.6 87.7 162.9



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

