

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009894.D
 Acq On : 10 Apr 2019 22:00
 Operator : SY/VA
 Sample : K2340-19
 Misc : 5.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2T1

Quant Time: Apr 11 03:49:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	434470	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116768	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
7) Chloroethane-d5	2.89	69	109327	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	4.02	63	235046	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	7.07	46	139811	75.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.48%#
24) Chloroform-d	7.65	84	335075	28.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.04%
26) 1,2-Dichloroethane-d4	8.31	65	220492	30.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.16%
29) Benzene-d6	8.27	84	596218	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	9.27	67	195141	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.12%
37) Toluene-d8	10.32	98	515861	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	10.58	79	83480	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.56%
39) 2-Hexanone-d5	10.93	63	100270	76.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202964	31.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.44%#
61) 1,2-Dichlorobenzene-d4	13.86	152	199862	30.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.24%#

Target Compounds

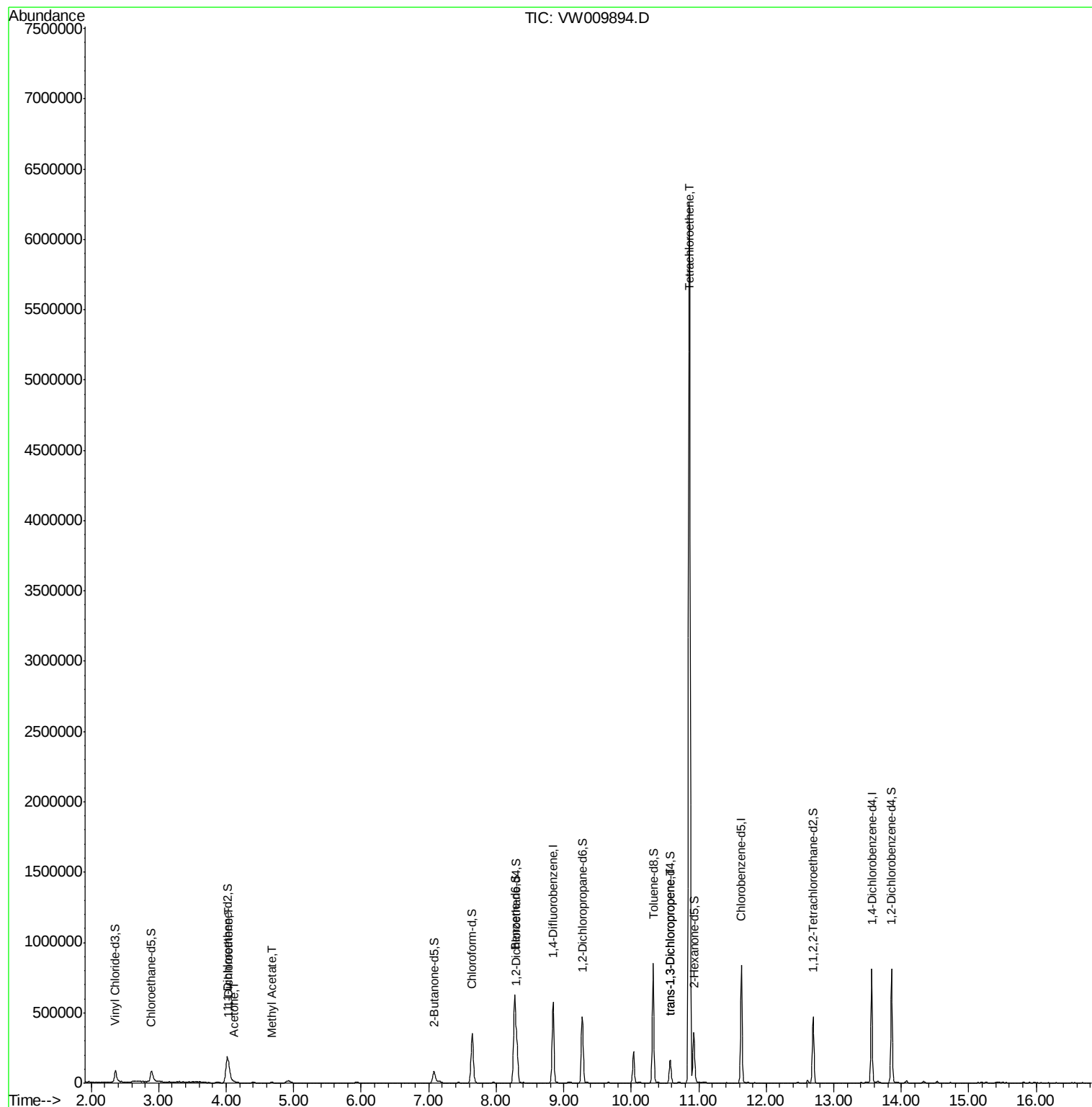
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	18589	3.221	ug/L #	1
13) Acetone	4.12	43	8355	4.224	ug/L	91
15) Methyl Acetate	4.67	43	4339	1.203	ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	4260	0.482	ug/L #	34
47) Tetrachloroethene	10.86	164	1253705	235.458	ug/L	99

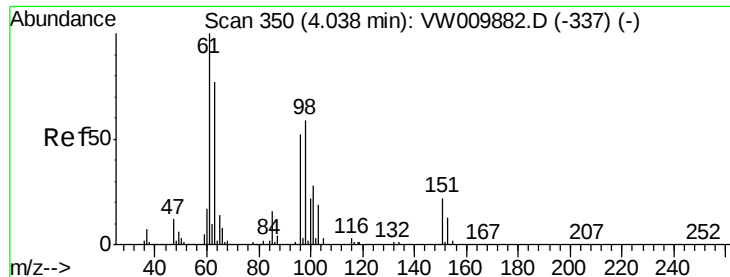
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.221 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW009894.D

Acq: 10 Apr 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

BF2T1

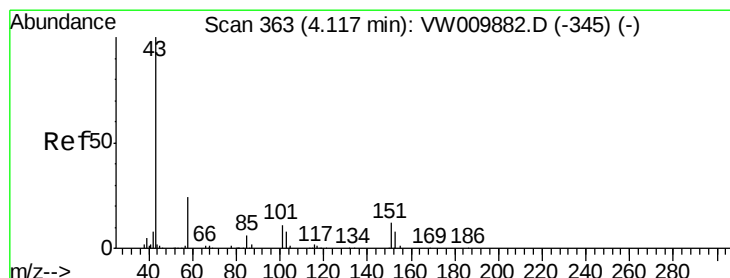
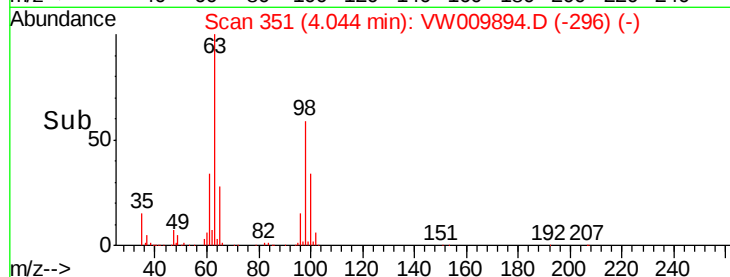
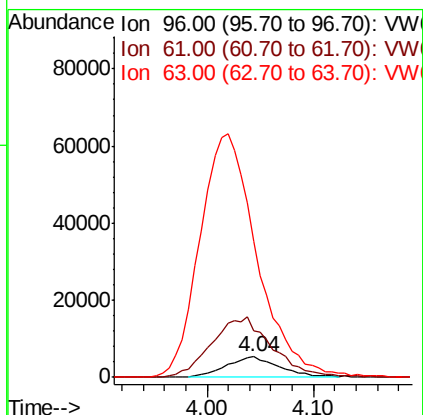
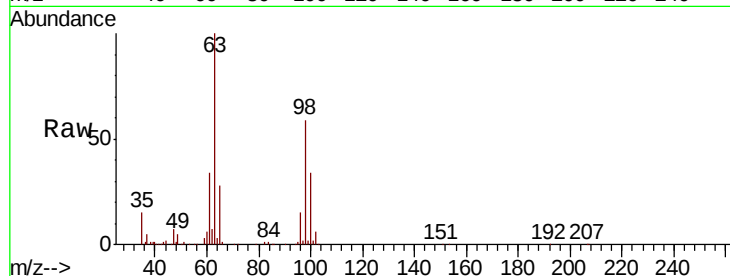
Tgt Ion: 96 Resp: 18589

Ion Ratio Lower Upper

96 100

61 230.1 138.8 257.8

63 671.3 114.6 212.8#



#13

Acetone

Concen: 4.224 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009894.D

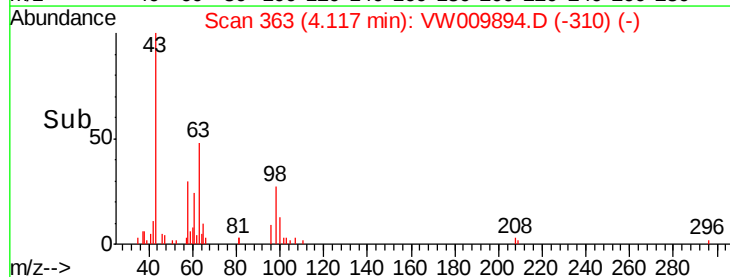
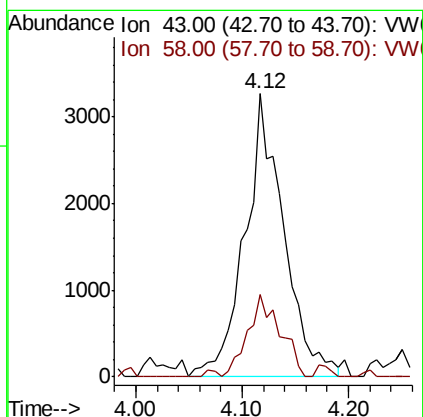
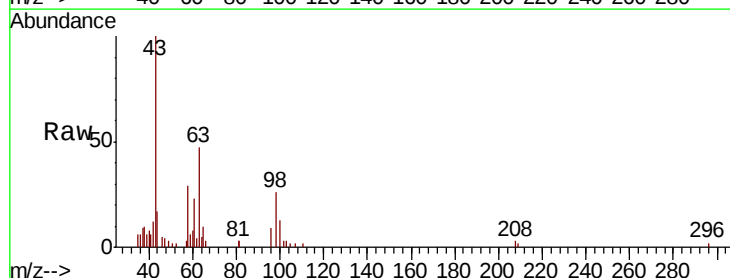
Acq: 10 Apr 2019 22:00

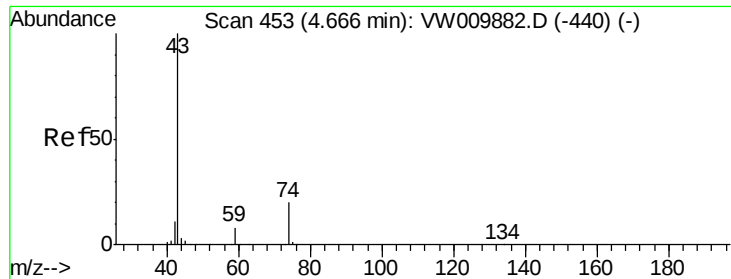
Tgt Ion: 43 Resp: 8355

Ion Ratio Lower Upper

43 100

58 22.0 0.0 53.0

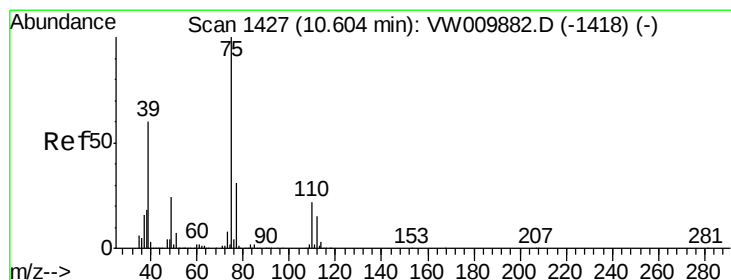
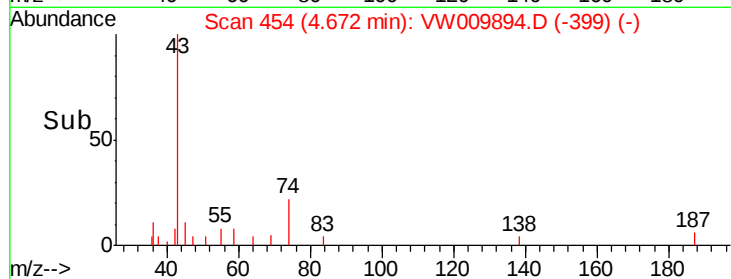
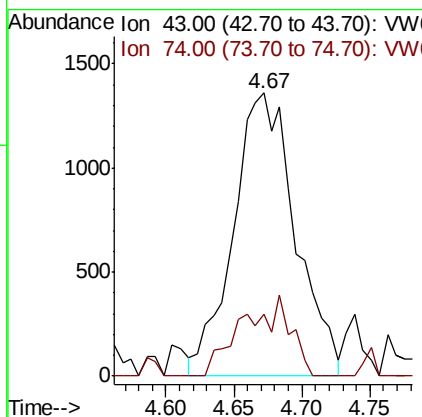
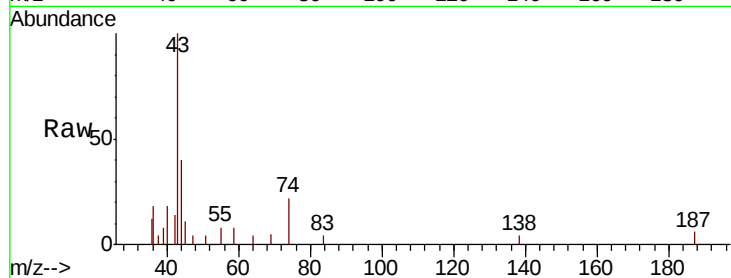




#15
Methyl Acetate
Concen: 1.203 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW009894.D
Acq: 10 Apr 2019 22:00

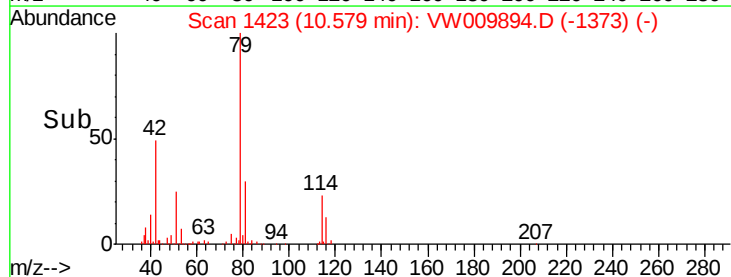
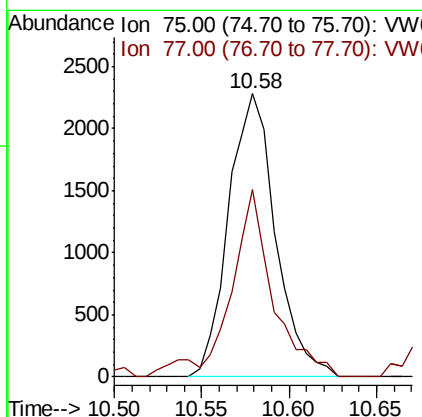
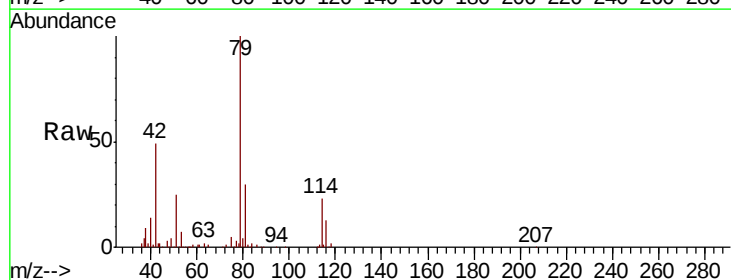
Instrument :
MSVOA_W
ClientSampled :
BF2T1

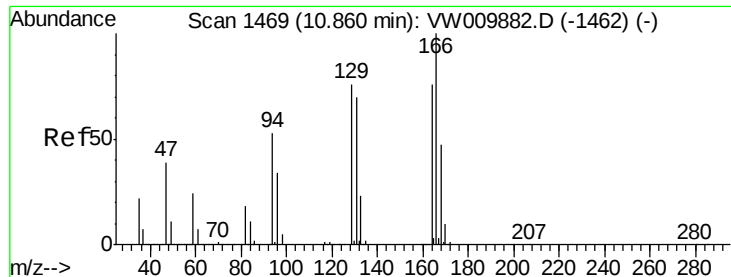
Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
74 4.4 17.2 25.8#



#45
trans-1,3-Dichloropropene
Concen: 0.482 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009894.D
Acq: 10 Apr 2019 22:00

Tgt Ion: 75 Resp: 4260
Ion Ratio Lower Upper
75 100
77 66.3 21.1 39.3#





#47

Tetrachloroethene

Concen: 235.458 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009894.D

Acq: 10 Apr 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

BF2T1

Tgt Ion:164 Resp: 1253705

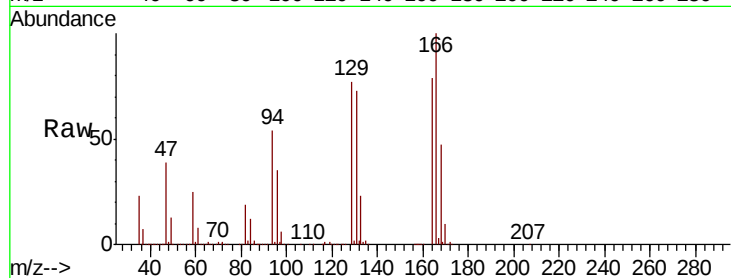
Ion Ratio Lower Upper

164 100

129 97.8 68.9 127.9

131 92.9 63.1 117.1

166 126.6 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

