

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015921.D
 Acq On : 06 May 2020 19:37
 Operator : SY/MD
 Sample : L2527-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSJ7

Quant Time: May 07 04:48:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150029	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41490	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	38404	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	64341	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.93	46	117133	48.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.38	84	82149	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	50781	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.08	84	174668	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	54334	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	158146	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.64	79	18094	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.11	63	87541	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35492	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	56641	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

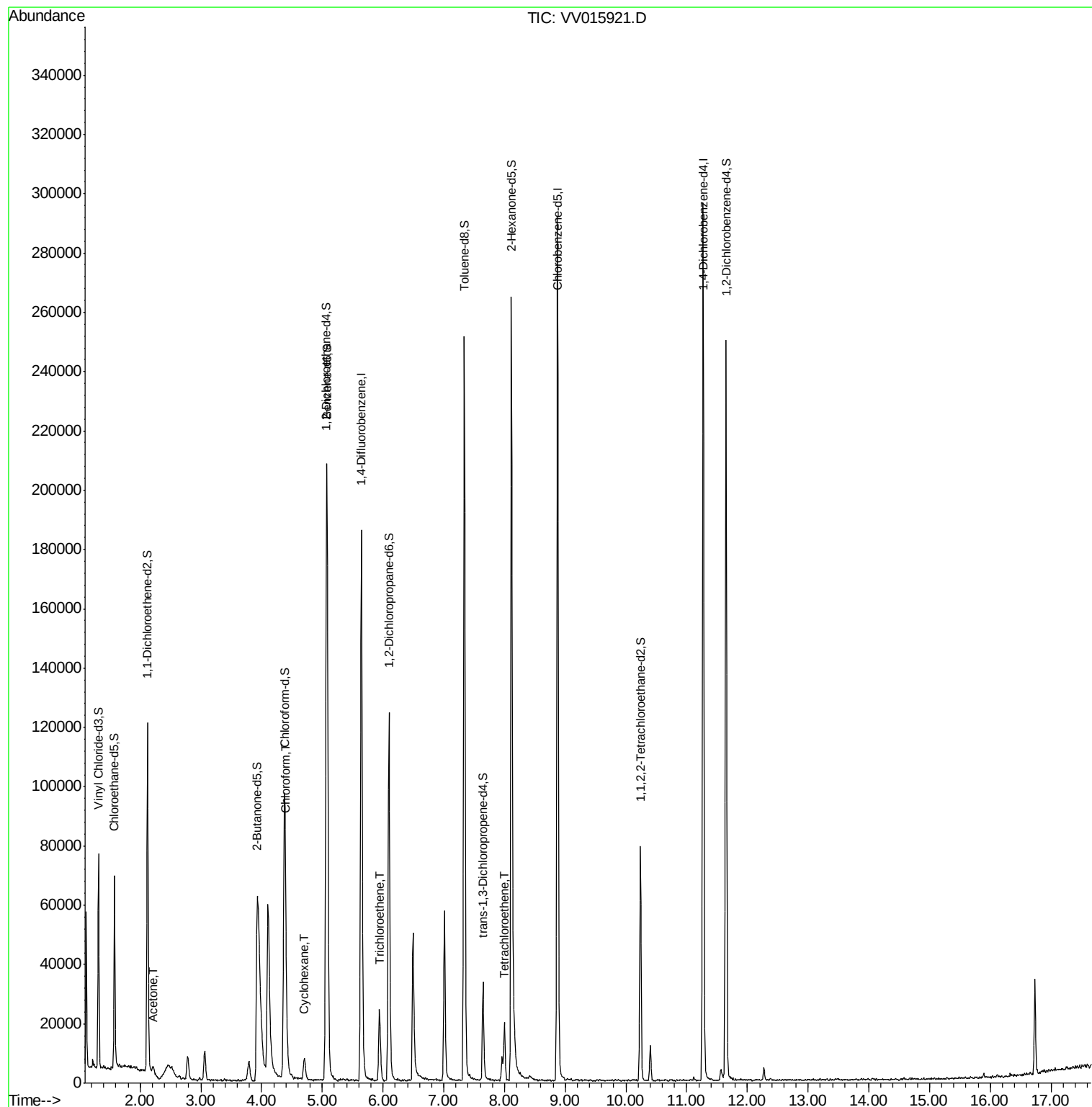
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	6283	4.265	ug/L	87
25) Chloroform	4.40	83	11128	0.567	ug/L	99
30) Cyclohexane	4.70	56	3526	0.209	ug/L	99
34) Trichloroethene	5.94	95	8067	0.783	ug/L	88
47) Tetrachloroethene	8.00	164	3914	0.510	ug/L	97

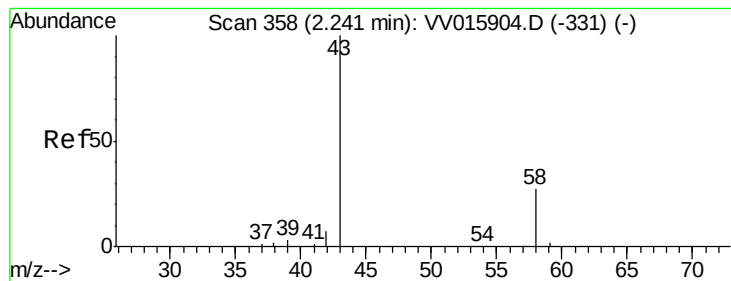
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.265 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.03 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

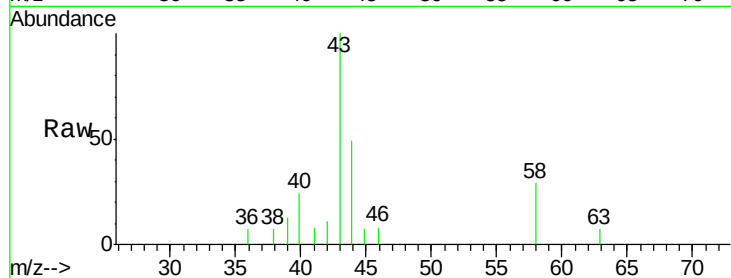
BFSJ7

Tot Ion: 43 Resp: 6283

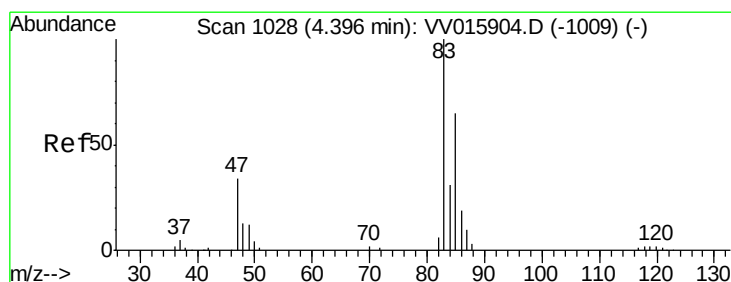
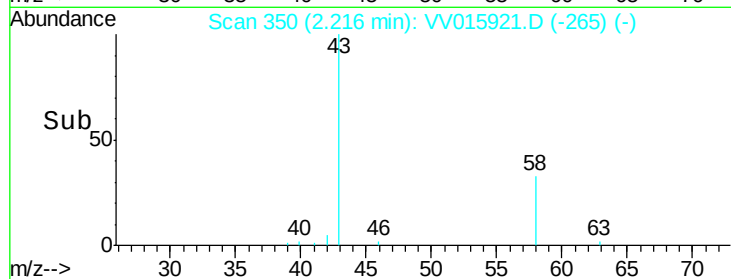
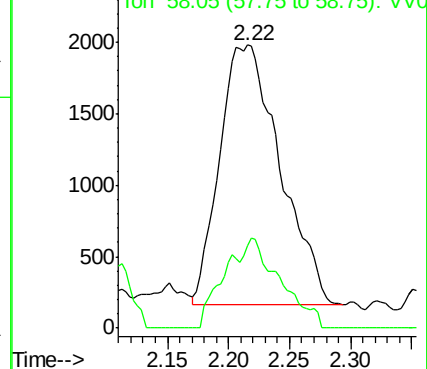
Ion Ratio Lower Upper

43 100

58 20.8 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015921.D (-265) (-)



#25

Chloroform

Concen: 0.567 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV015921.D

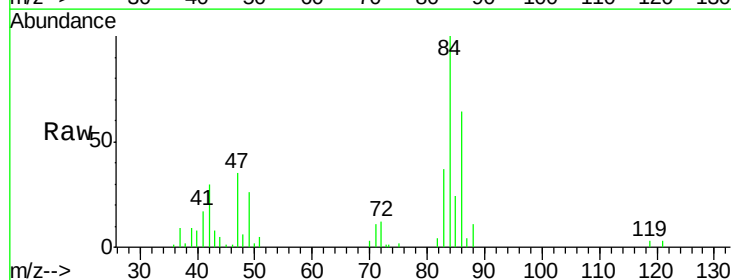
Acq: 06 May 2020 19:37

Tgt Ion: 83 Resp: 11128

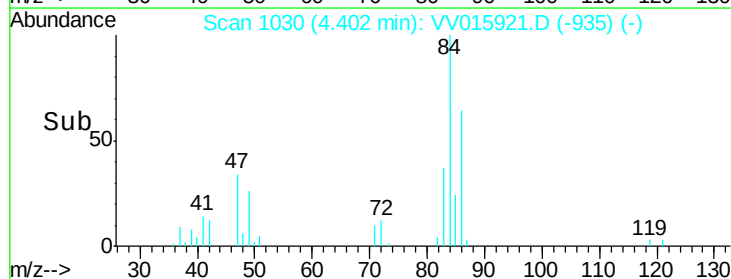
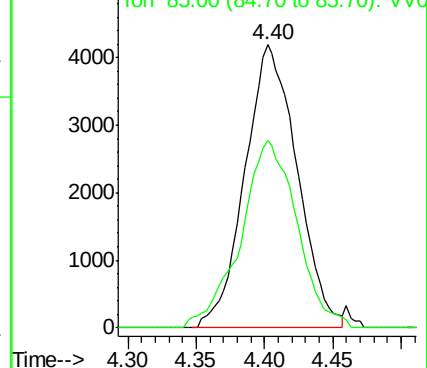
Ion Ratio Lower Upper

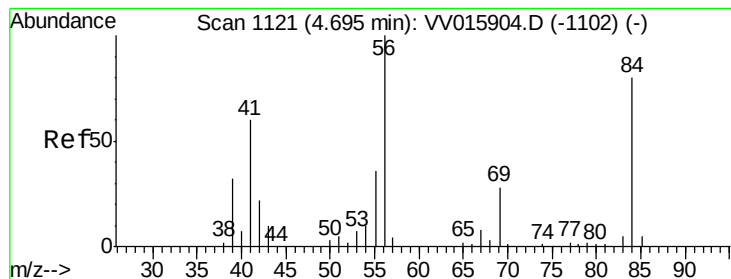
83 100

85 66.1 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015921.D (-935) (-)





#30

Cyclohexane

Concen: 0.209 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

BFSJ7

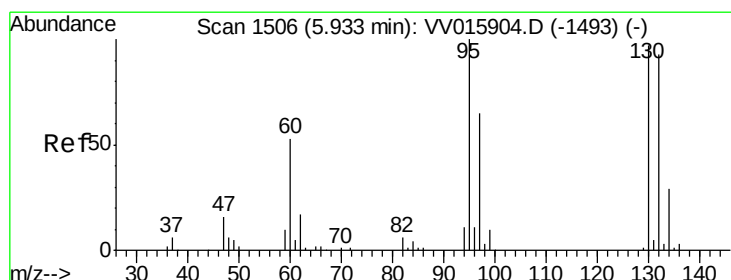
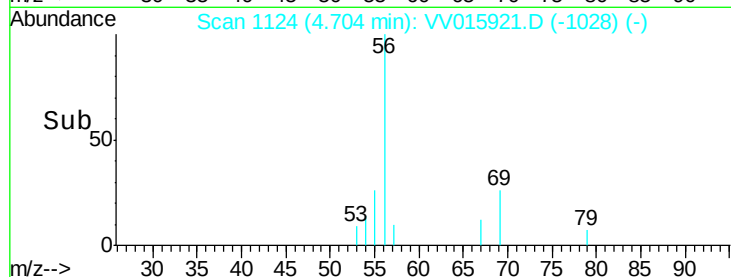
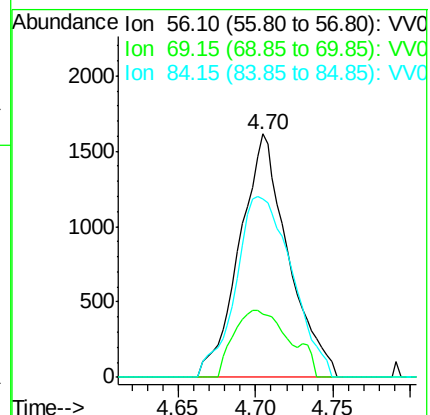
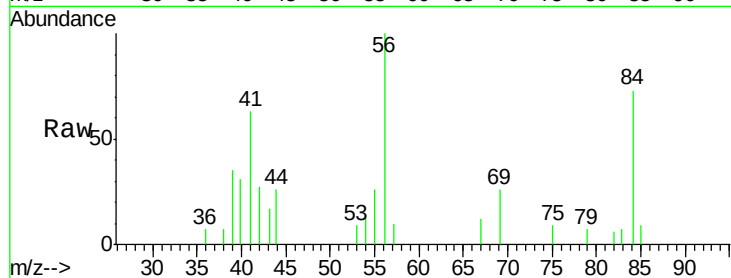
Tot Ion: 56 Resp: 3526

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

84 85.7 68.3 102.5



#34

Trichloroethene

Concen: 0.783 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Tgt Ion: 95 Resp: 8067

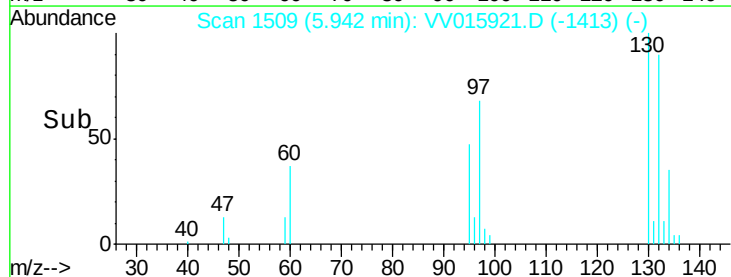
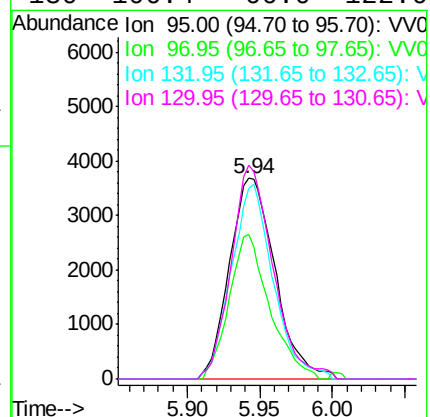
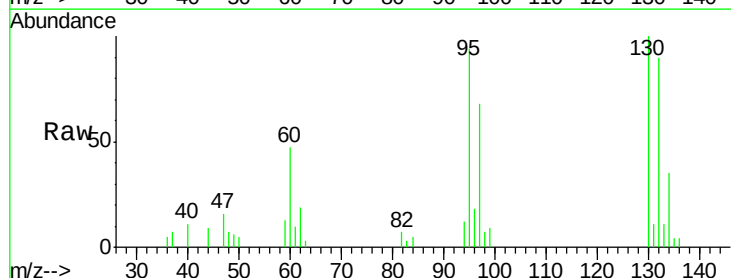
Ion Ratio Lower Upper

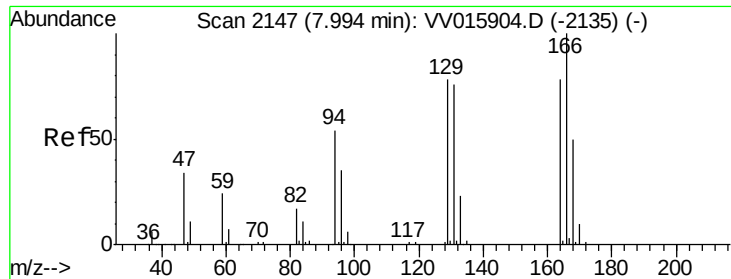
95 100

97 72.3 43.3 80.5

132 95.3 60.3 112.1

130 106.4 66.0 122.6





#47

Tetrachloroethene

Concen: 0.510 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion:164 Resp: 3914

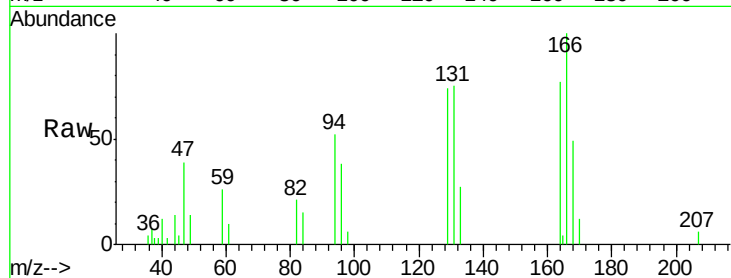
Ion Ratio Lower Upper

164 100

129 96.2 69.7 129.4

131 98.4 66.8 124.2

166 130.6 89.1 165.5



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

