

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015920.D
 Acq On : 06 May 2020 19:14
 Operator : SY/MD
 Sample : L2527-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSJ6

Quant Time: May 07 04:45:15 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	151281	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42565	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	38477	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	65124	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.93	46	118250	49.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	4.38	84	84295	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	52020	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	176381	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	54998	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	158814	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.64	79	18234	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.11	63	88402	45.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36898	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	58459	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

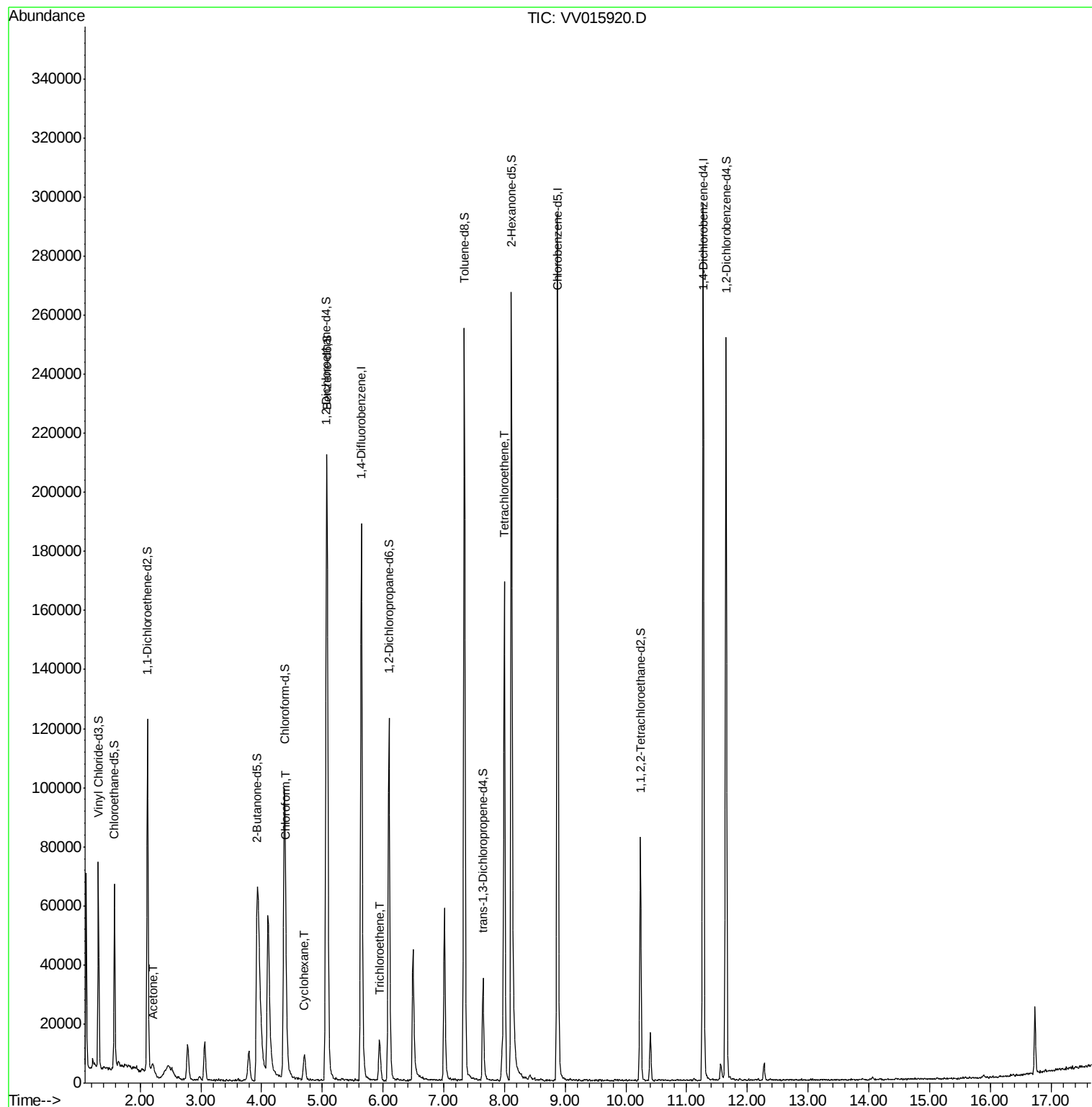
					Ovalue
13) Acetone	2.20	43	7882	5.307	ug/L 69
25) Chloroform	4.41	83	12033	0.608	ug/L 97
30) Cyclohexane	4.71	56	4287	0.251	ug/L 96
34) Trichloroethene	5.95	95	4547	0.436	ug/L 95
47) Tetrachloroethene	8.00	164	33716	4.332	ug/L 99

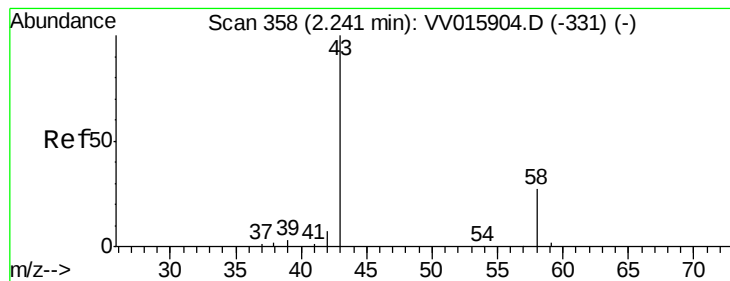
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.307 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.04 min

Lab File: VV015920.D

Acq: 06 May 2020 19:14

Instrument :

MSVOA_V

ClientSampleId :

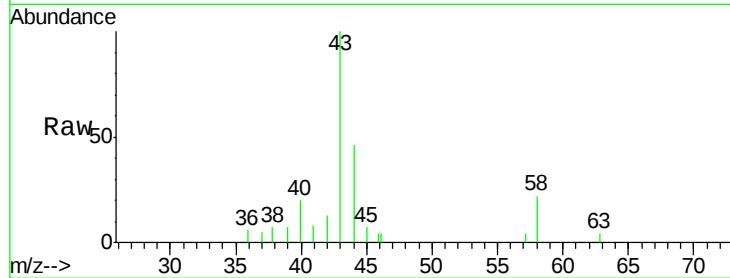
BFSJ6

Tot Ion: 43 Resp: 7882

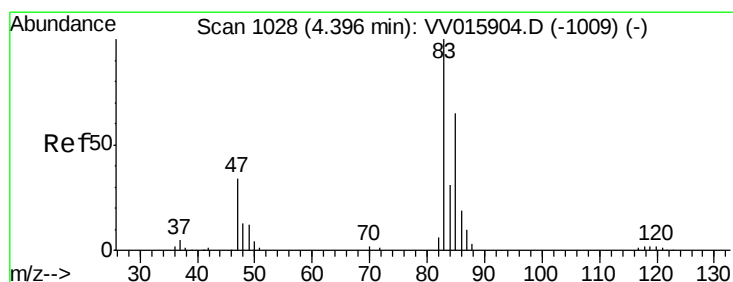
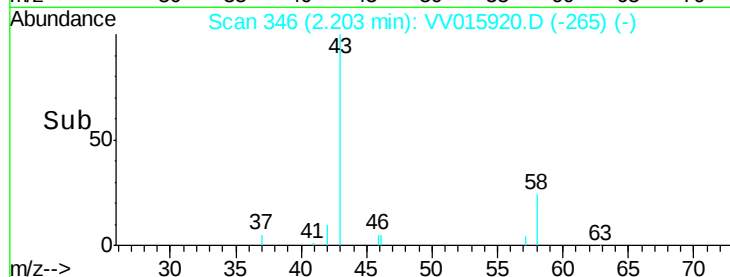
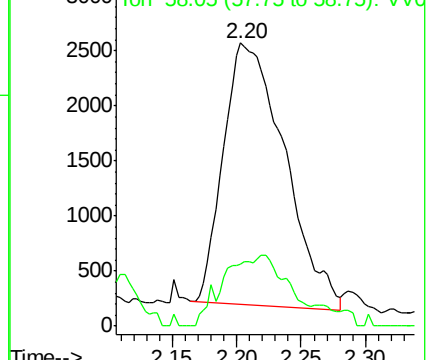
Ion Ratio Lower Upper

43 100

58 28.4 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015920.D (-265) (-)



#25

Chloroform

Concen: 0.608 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015920.D

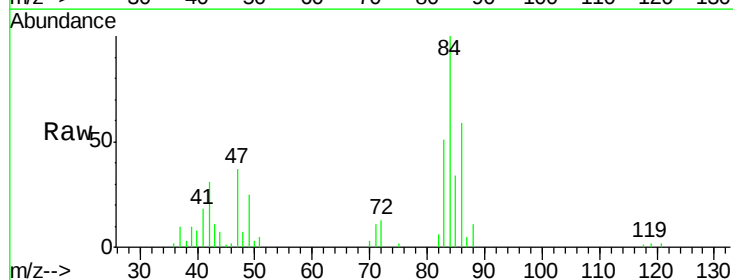
Acq: 06 May 2020 19:14

Tgt Ion: 83 Resp: 12033

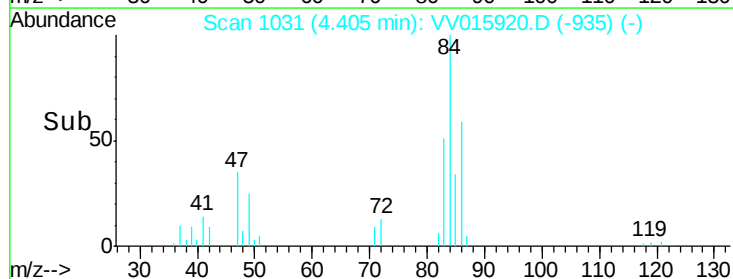
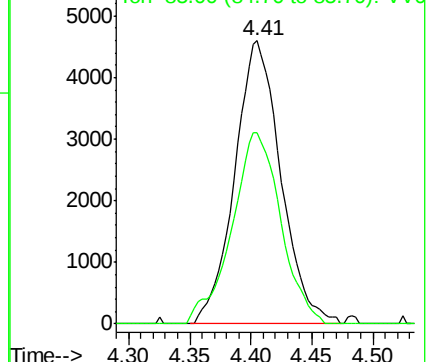
Ion Ratio Lower Upper

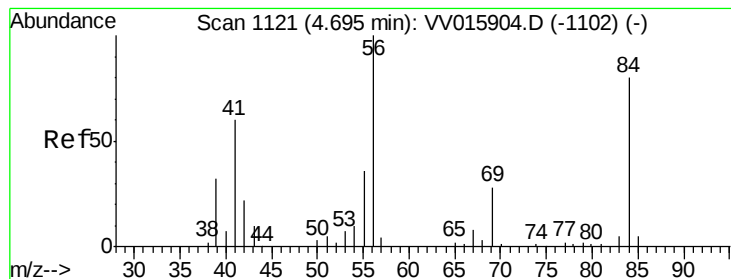
83 100

85 67.7 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015920.D (-935) (-)





#30

Cyclohexane

Concen: 0.251 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VV015920.D

Acq: 06 May 2020 19:14

Instrument :

MSVOA_V

ClientSampled :

BFSJ6

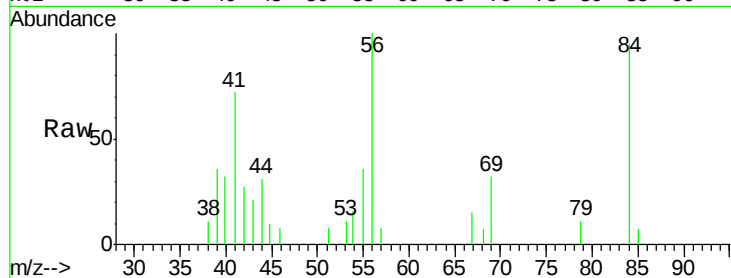
Tot Ion: 56 Resp: 4287

Ion Ratio Lower Upper

56 100

69 33.3 24.2 36.2

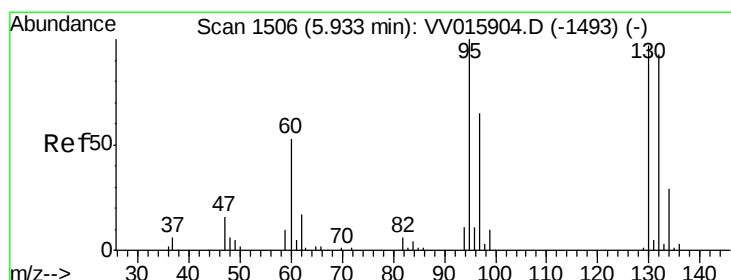
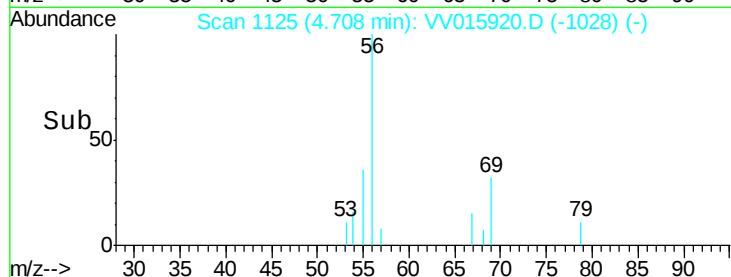
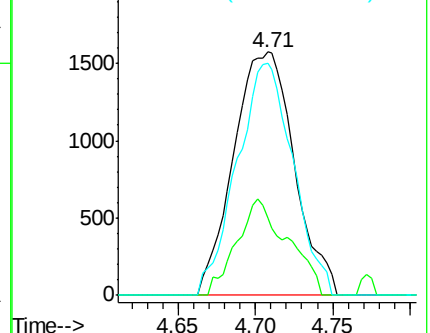
84 88.5 68.3 102.5



Abundance Ion 56.10 (55.80 to 56.80): VV015920.D (-1102) (-)

Ion 69.15 (68.85 to 69.85): VV015920.D (-1102) (-)

Ion 84.15 (83.85 to 84.85): VV015920.D (-1102) (-)



#34

Trichloroethene

Concen: 0.436 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015920.D

Acq: 06 May 2020 19:14

Tgt Ion: 95 Resp: 4547

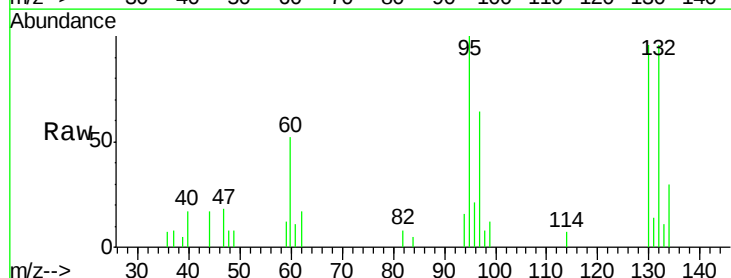
Ion Ratio Lower Upper

95 100

97 63.9 43.3 80.5

132 96.0 60.3 112.1

130 95.5 66.0 122.6

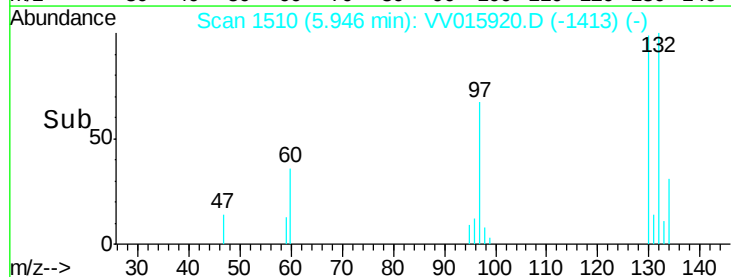
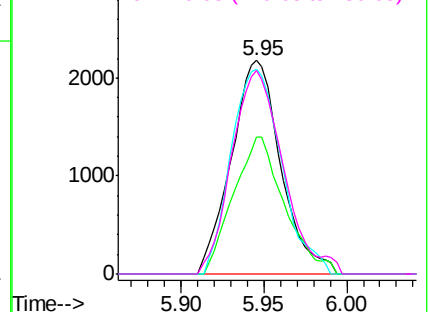


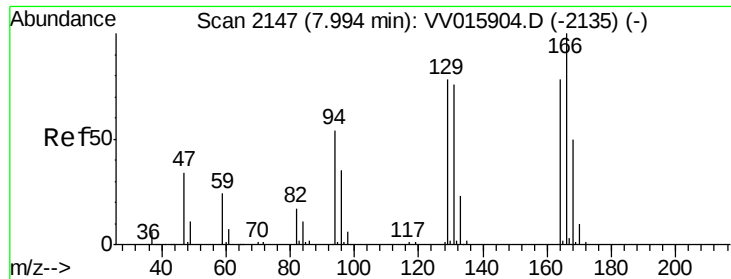
Abundance Ion 95.00 (94.70 to 95.70): VV015920.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV015920.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV015920.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV015920.D (-1493) (-)





#47

Tetrachloroethene

Concen: 4.332 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015920.D

Acq: 06 May 2020 19:14

Instrument :
MSVOA_V
ClientSampleId :
BFSJ6

Tot Ion:164 Resp: 33716

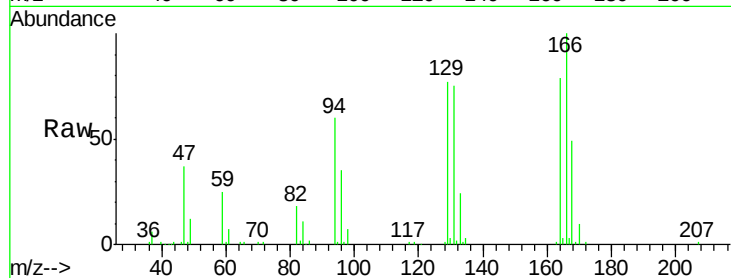
Ion Ratio Lower Upper

164 100

129 97.7 69.7 129.4

131 94.4 66.8 124.2

166 126.6 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

