

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092820\
 Data File : VU040330.D
 Acq On : 28 Sep 2020 14:26
 Operator : SY/MD
 Sample : L4147-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS7

Quant Time: Sep 29 07:41:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 28 13:01:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	142783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	144151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40395	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.92	69	38690	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.58	63	69229	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	179527	57.57	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.14%
24) Chloroform-d	5.08	84	88234	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	55792	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	169736	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	58185	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	141638	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	21195	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	138163	57.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49381	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57530	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

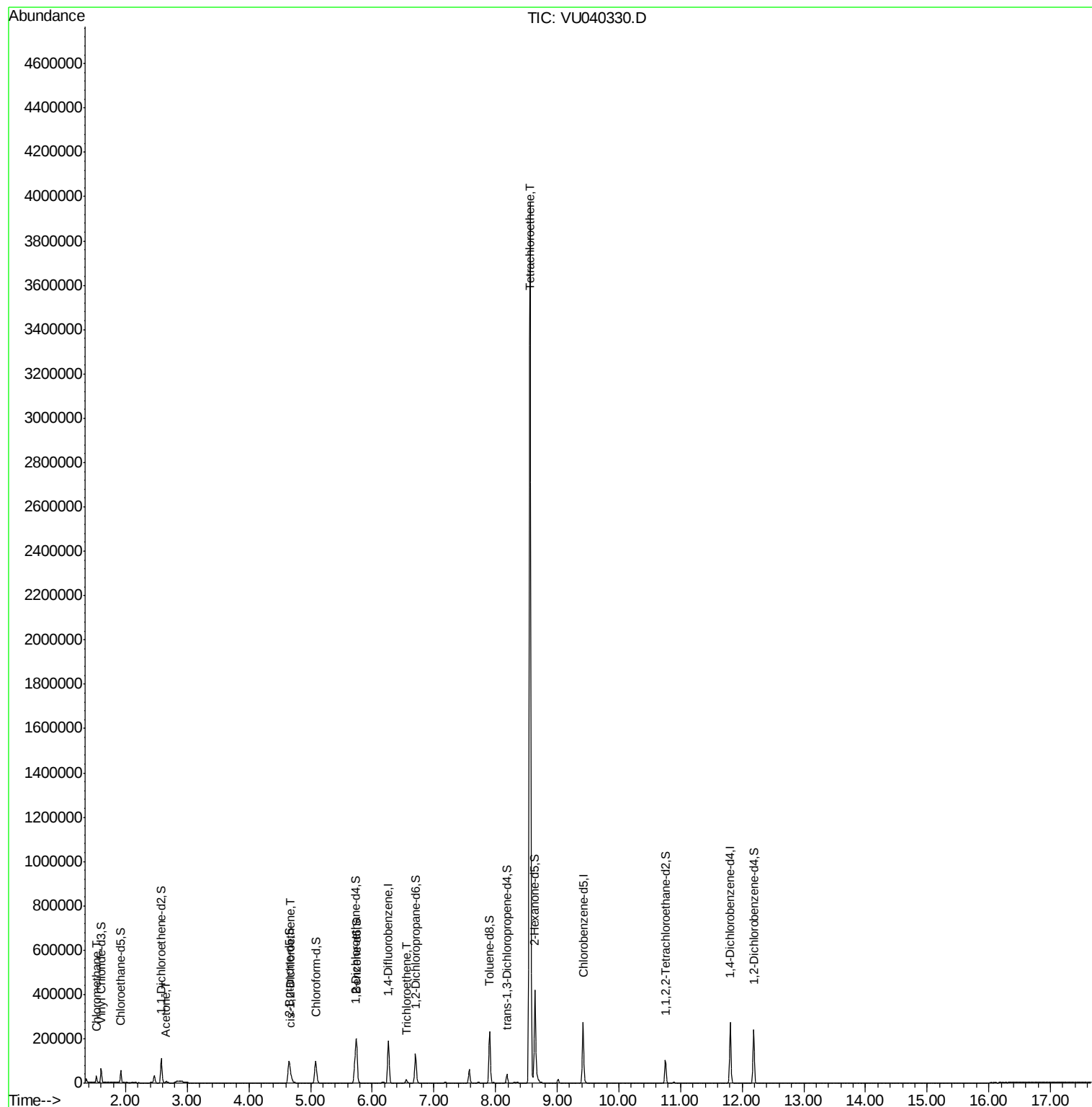
					Ovalue
3) Chloromethane	1.53	50	19316	1.424	ug/L 100
13) Acetone	2.66	43	13218	4.579	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	1867	0.146	ug/L 98
34) Trichloroethene	6.55	95	4941	0.357	ug/L 90
47) Tetrachloroethene	8.56	164	798307	87.857	ug/L 99

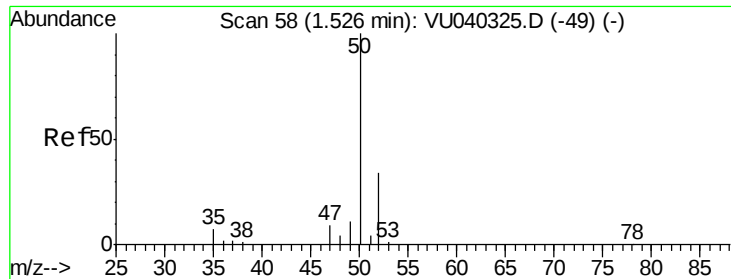
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.424 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

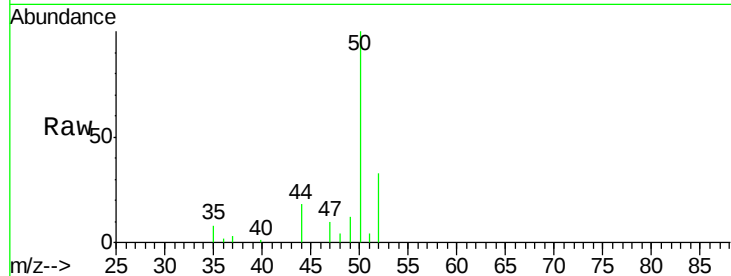
BFSA7

Tot Ion: 50 Resp: 19316

Ion Ratio Lower Upper

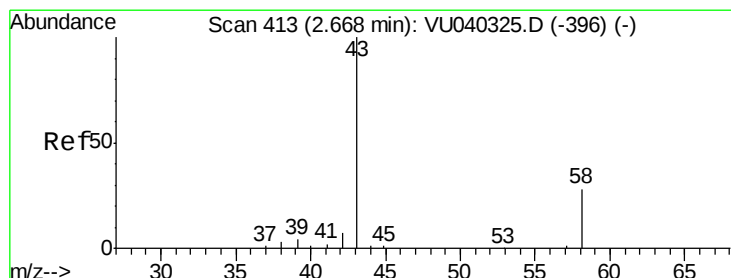
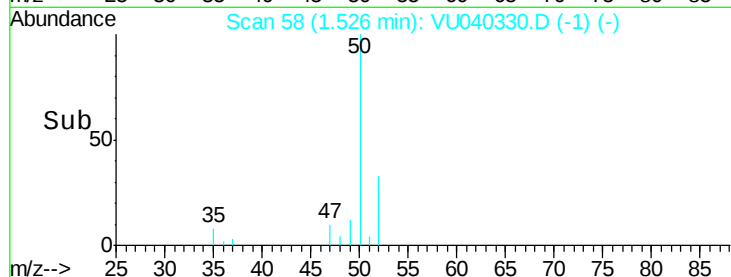
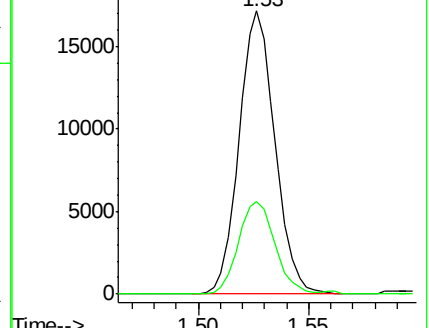
50 100

52 32.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040330.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040330.D (-1) (-)



#13

Acetone

Concen: 4.579 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040330.D

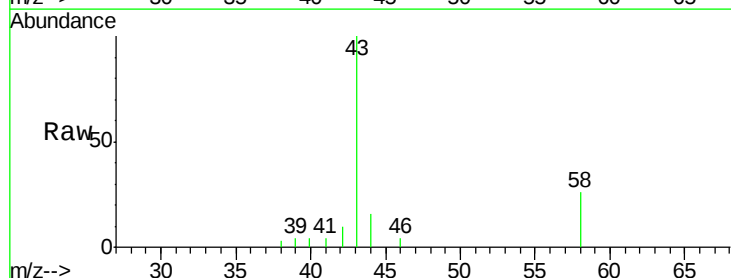
Acq: 28 Sep 2020 14:26

Tgt Ion: 43 Resp: 13218

Ion Ratio Lower Upper

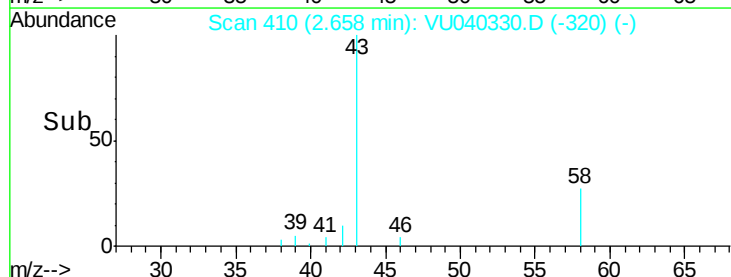
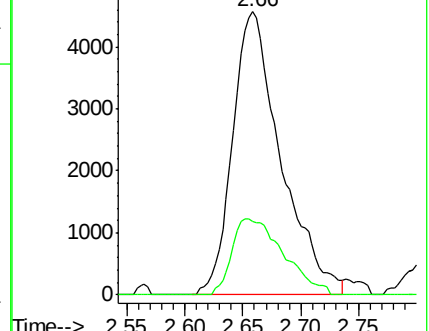
43 100

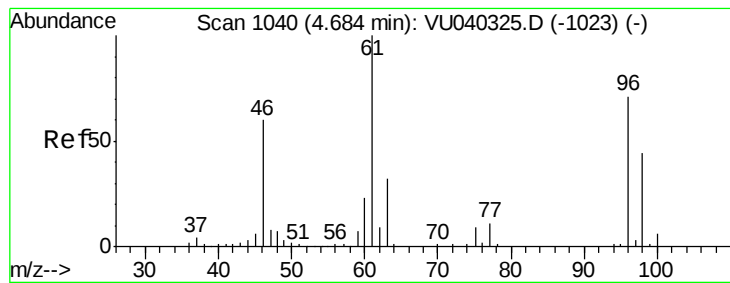
58 28.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040330.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040330.D (-320) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.146 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

BFSA7

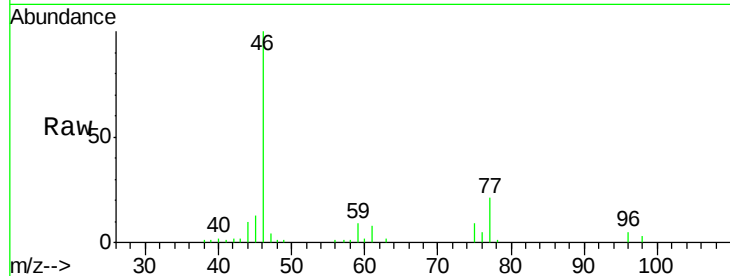
Tot Ion: 96 Resp: 1867

Ion Ratio Lower Upper

96 100

61 144.1 98.8 183.4

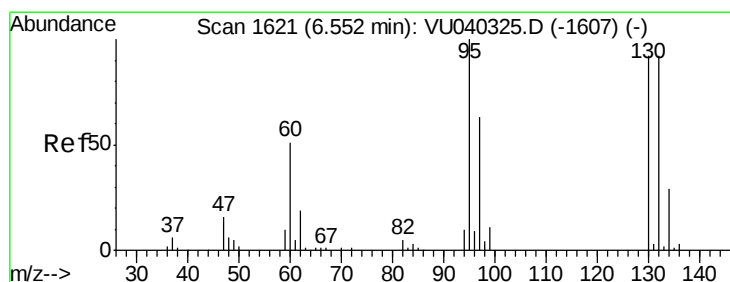
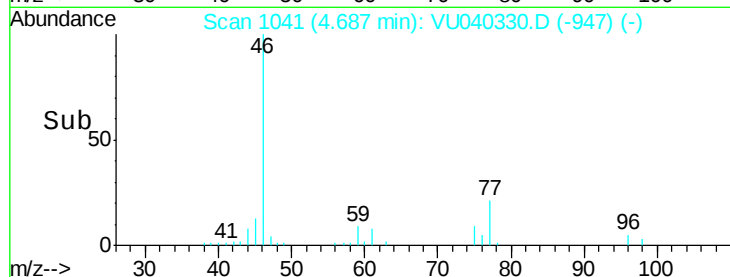
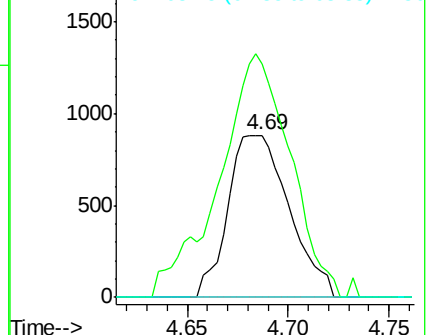
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040330.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU040330.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU040330.D (-1528) (-)



#34

Trichloroethene

Concen: 0.357 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Tgt Ion: 95 Resp: 4941

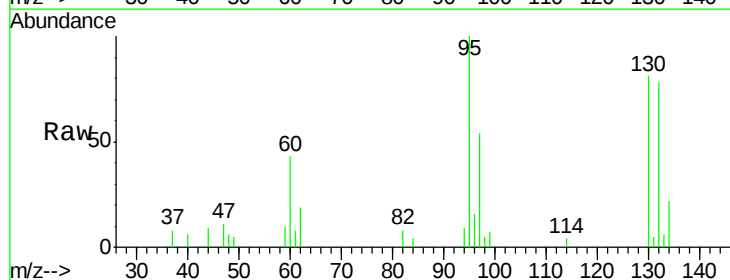
Ion Ratio Lower Upper

95 100

97 53.8 43.3 80.5

132 77.8 59.4 110.4

130 81.3 64.8 120.4

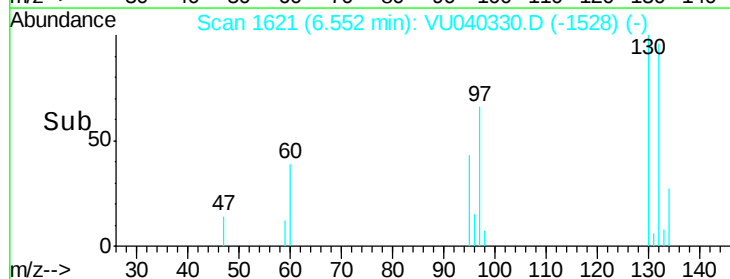
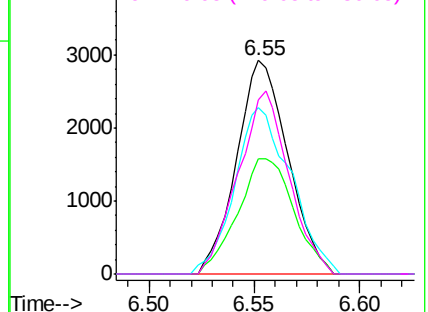


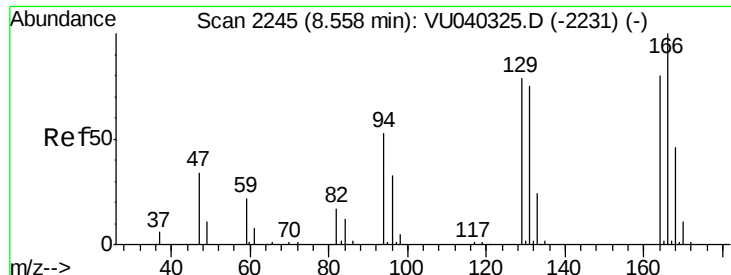
Abundance Ion 95.00 (94.70 to 95.70): VU040330.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040330.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040330.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040330.D (-1528) (-)





#47

Tetrachloroethene

Concen: 87.857 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

BFSA7

Tot Ion:164 Resp: 798307

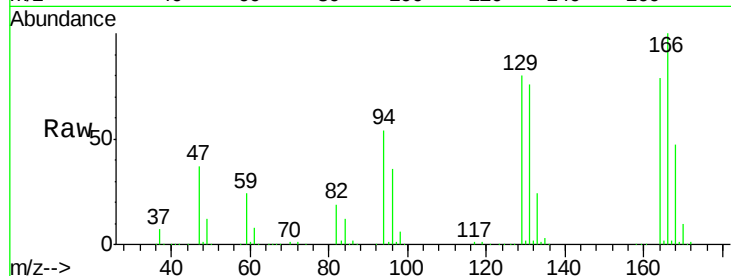
Ion Ratio Lower Upper

164 100

129 100.7 71.5 132.7

131 95.8 65.9 122.5

166 126.3 87.3 162.1



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

