

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037933.D
 Acq On : 30 Apr 2020 00:10
 Operator : JC/MD
 Sample : L2410-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF7

Quant Time: Apr 30 06:10:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	669261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	646754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	306079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	184855	31.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.22%
7) Chloroethane-d5	1.93	69	179245	39.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.10%
11) 1,1-Dichloroethene-d2	2.59	63	261191	27.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.20%#
21) 2-Butanone-d5	4.66	46	419581	90.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	5.10	84	380250	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
26) 1,2-Dichloroethane-d4	5.74	65	272114	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
32) Benzene-d6	5.76	84	798696	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
36) 1,2-Dichloropropane-d6	6.72	67	278772	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.14%
41) Toluene-d8	7.92	98	714108	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	8.20	79	120536	38.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.56%
47) 2-Hexanone-d5	8.65	63	277176	83.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	402602	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	273285	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

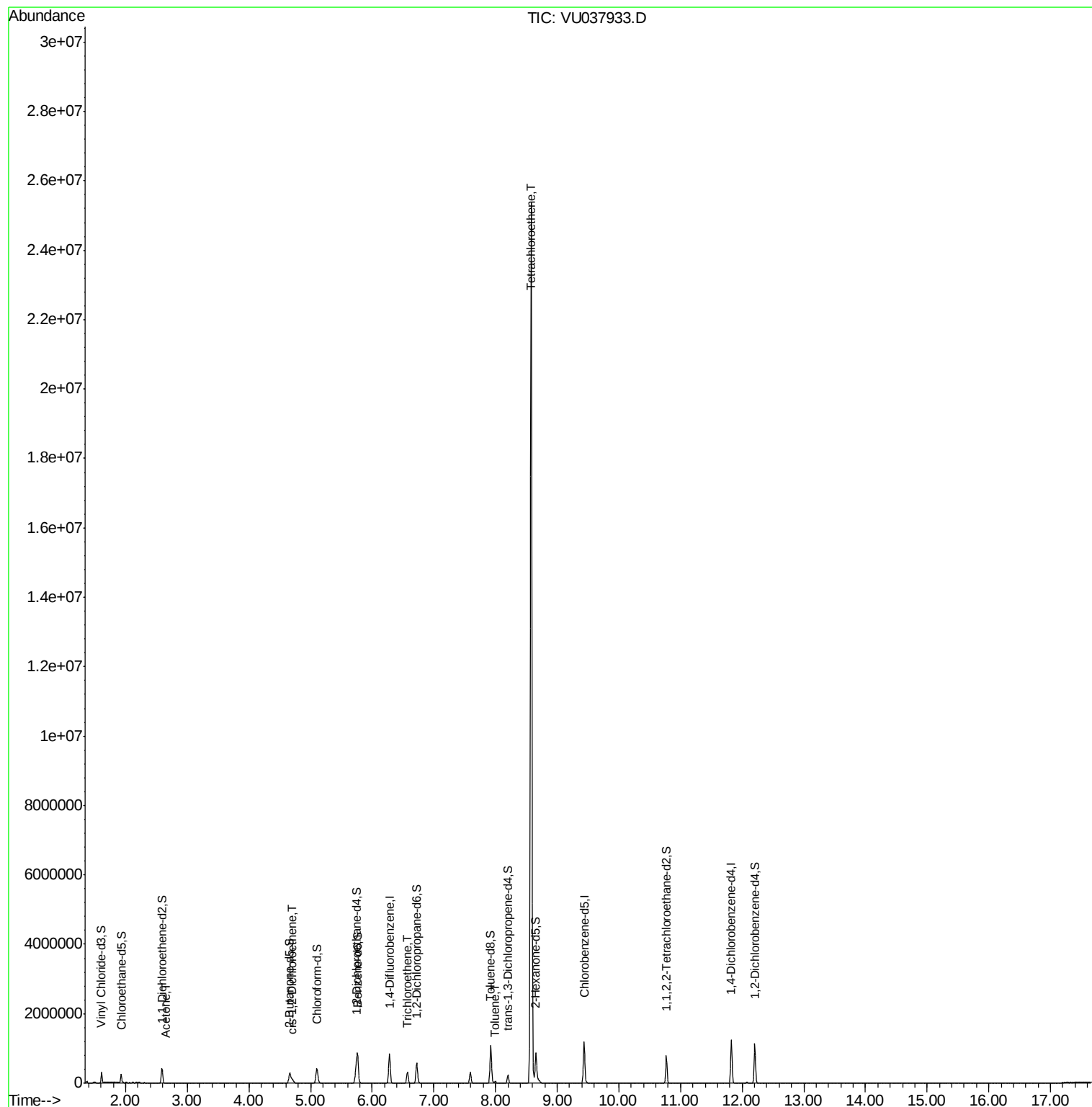
					Ovalue
13) Acetone	2.65	43	12222	4.421	ug/L 95
20) cis-1,2-Dichloroethene	4.71	96	42849	8.614	ug/L 95
34) Trichloroethene	6.57	95	104754	21.755	ug/L 99
42) Toluene	7.99	91	33376	1.622	ug/L 95
46) Tetrachloroethene	8.58	164	5332132	1515.050	ug/L 98

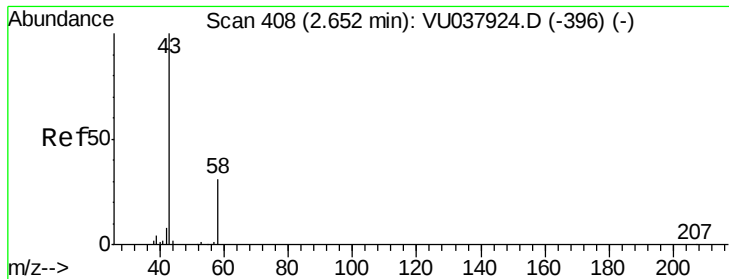
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.421 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037933.D

Acq: 30 Apr 2020 00:10

Instrument :

MSVOA_U

ClientSampleId :

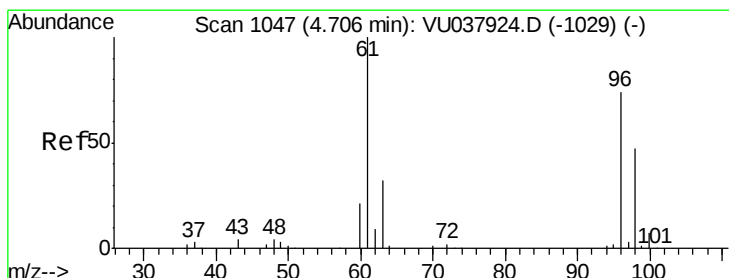
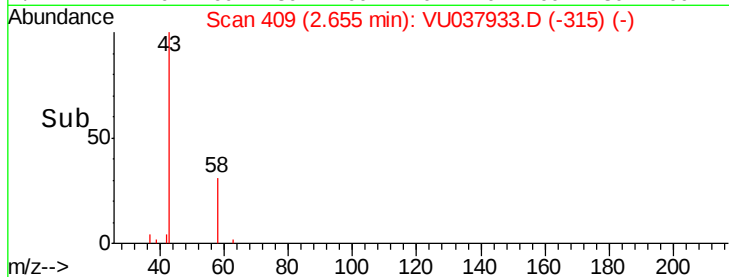
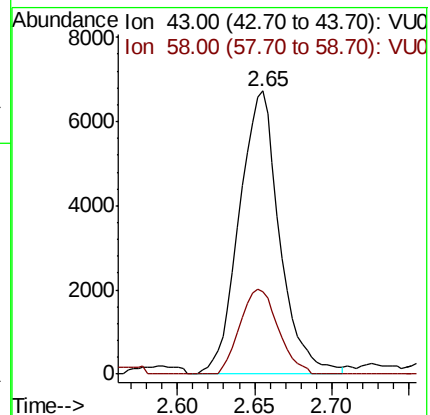
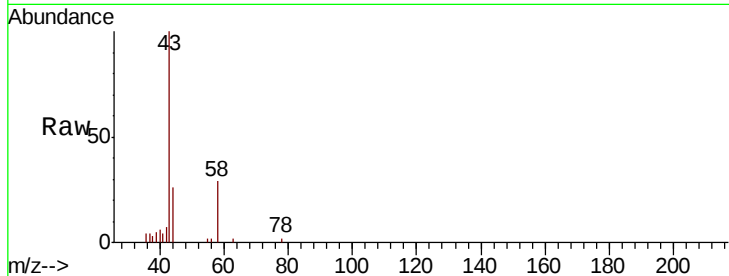
DBEF7

Tot Ion: 43 Resp: 12222

Ion Ratio Lower Upper

43 100

58 28.3 0.0 62.0



#20

cis-1,2-Dichloroethene

Concen: 8.614 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037933.D

Acq: 30 Apr 2020 00:10

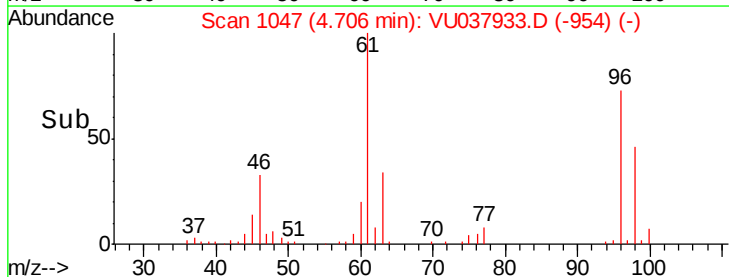
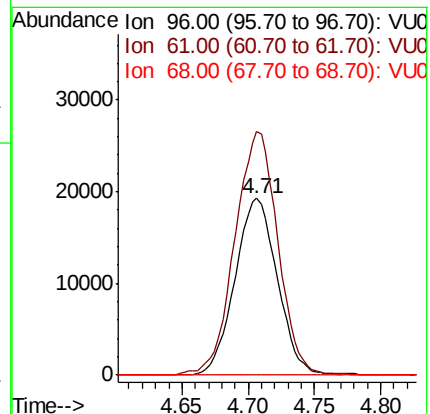
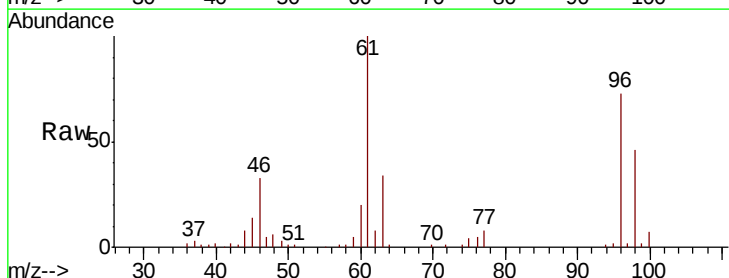
Tgt Ion: 96 Resp: 42849

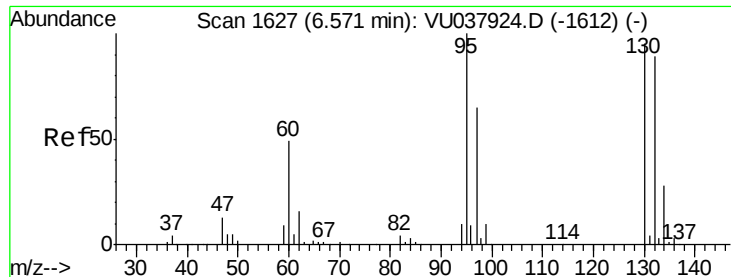
Ion Ratio Lower Upper

96 100

61 137.6 100.4 186.4

68 0.0 0.0 0.0

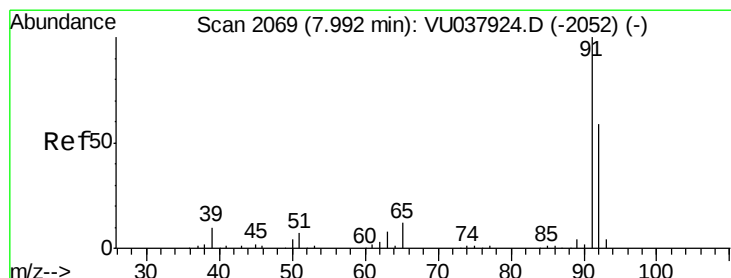
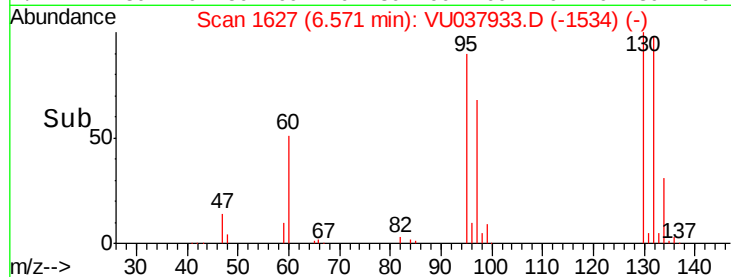
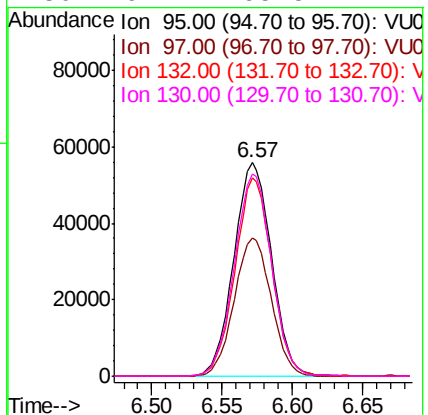
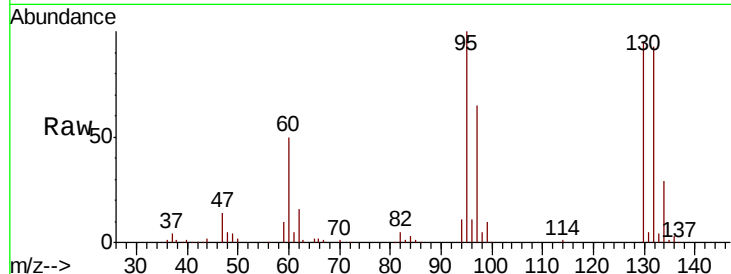




#34
 Trichloroethene
 Concen: 21.755 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037933.D
 Acq: 30 Apr 2020 00:10

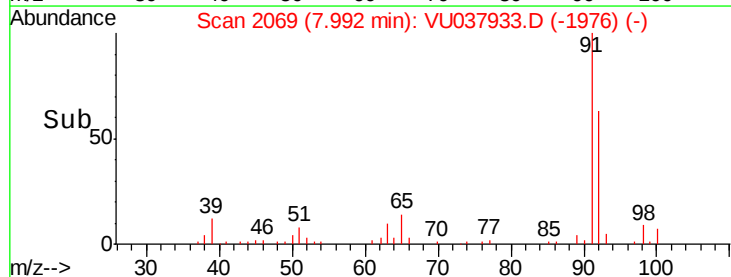
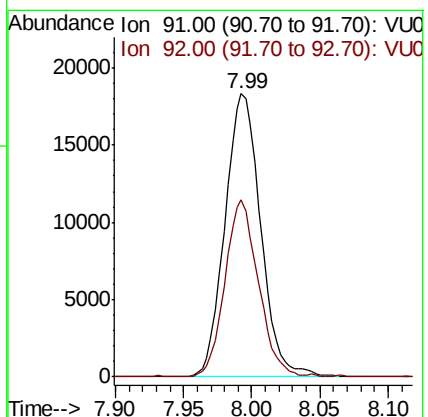
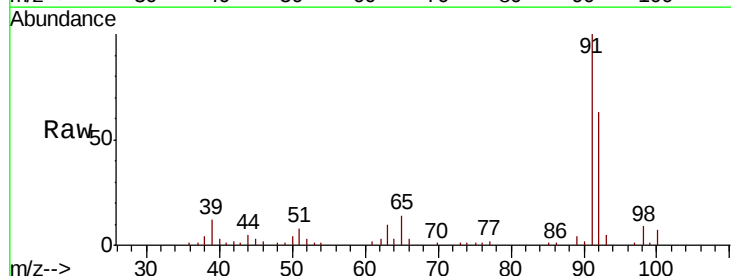
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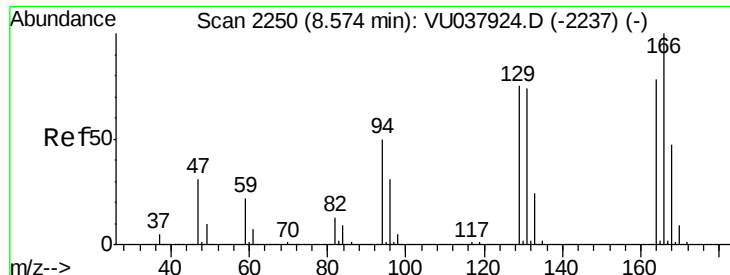
Tot Ion: 95 Resp: 104754
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.4 82.5
 132 93.0 65.0 120.6
 130 94.7 65.5 121.7



#42
 Toluene
 Concen: 1.622 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU037933.D
 Acq: 30 Apr 2020 00:10

Tgt Ion: 91 Resp: 33376
 Ion Ratio Lower Upper
 91 100
 92 62.6 41.2 76.6





#46

Tetrachloroethene

Concen: 1515.050 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037933.D

Acq: 30 Apr 2020 00:10

Instrument :

MSVOA_U

ClientSampleId :

DBEF7

Tot Ion:164 Resp: 5332132

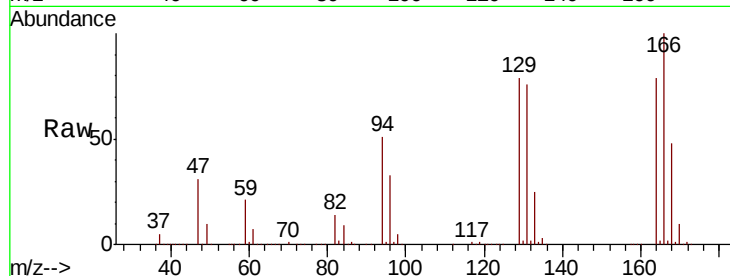
Ion Ratio Lower Upper

164 100

129 99.6 67.3 125.1

131 95.6 64.8 120.4

166 125.8 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

