

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041635.D
 Acq On : 15 Dec 2020 14:44
 Operator : SY/MD
 Sample : L5027-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H8

Quant Time: Dec 16 04:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 02:41:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116432	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37343	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	34211	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	57641	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.66	46	138072	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.08	84	74631	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	46188	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	143585	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	46460	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	120751	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	14649	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	8.64	63	104571	41.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45195	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	41578	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

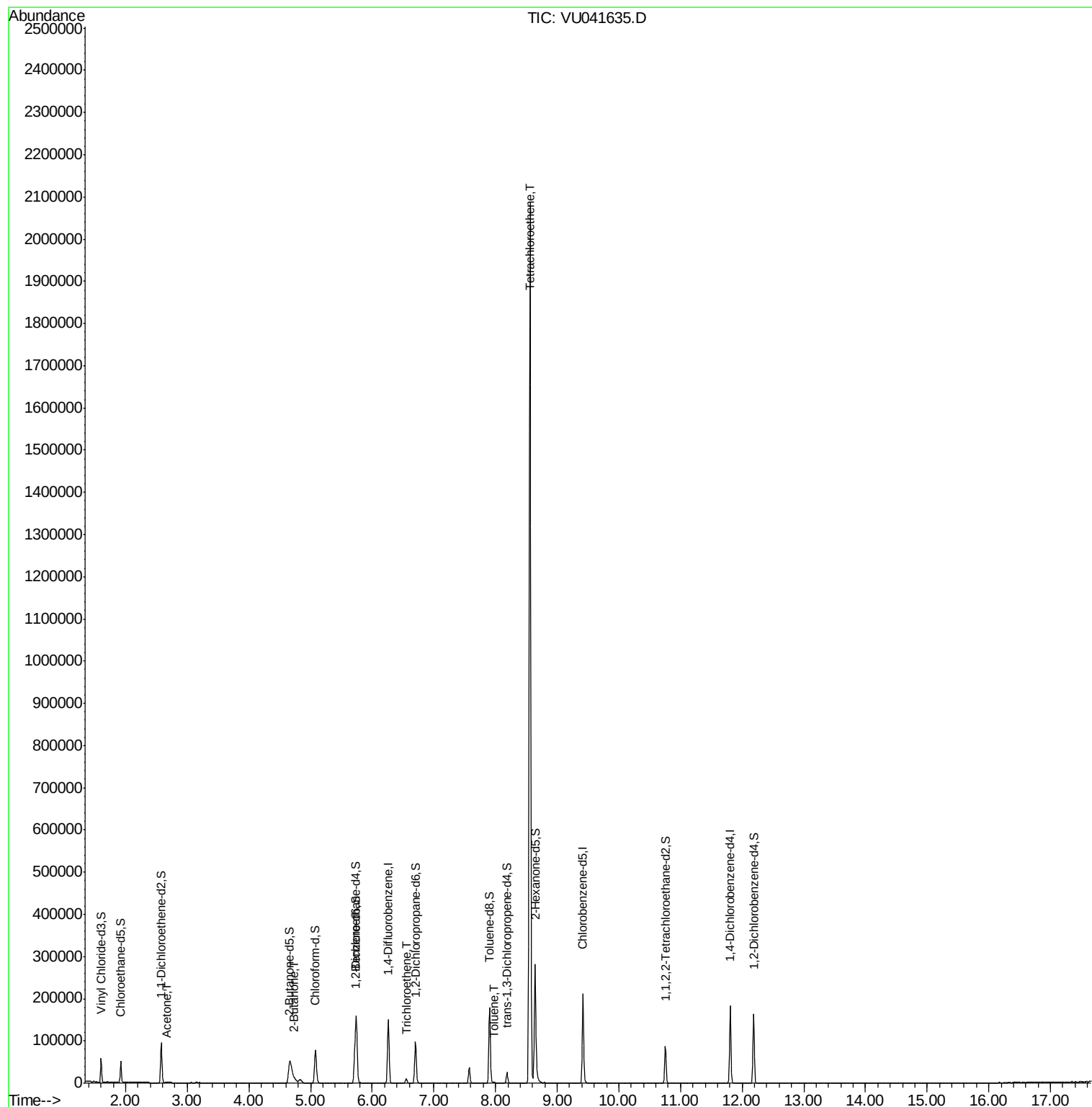
					Ovalue
13) Acetone	2.67	43	6890	4.143 ug/L	48
21) 2-Butanone	4.74	43	4644	1.714 ug/L #	70
34) Trichloroethene	6.55	95	3519	0.388 ug/L	97
42) Toluene	7.97	91	1571	0.042 ug/L	89
47) Tetrachloroethene	8.56	164	436457	68.732 ug/L	98

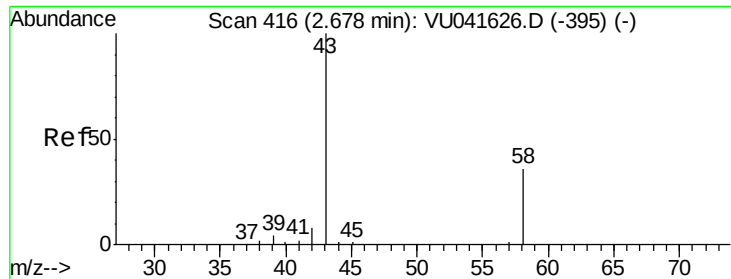
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.143 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU041635.D

Acq: 15 Dec 2020 14:44

Instrument :

MSVOA_U

ClientSampled :

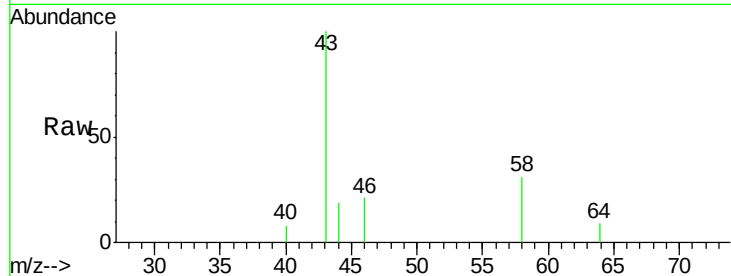
GB1H8

Tot Ion: 43 Resp: 6890

Ion Ratio Lower Upper

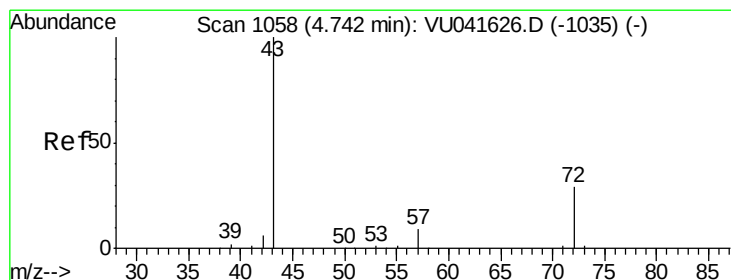
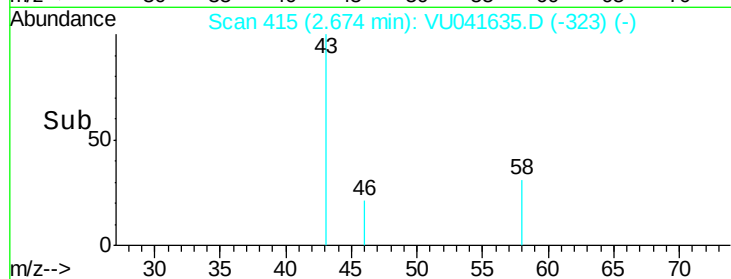
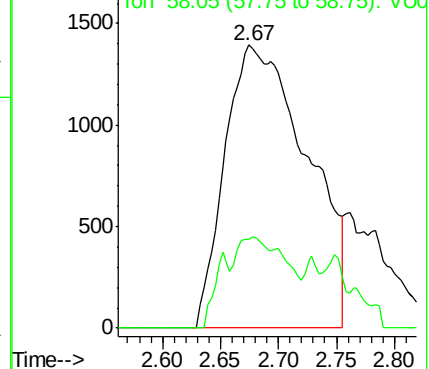
43 100

58 5.8 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041635.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU041635.D (-323) (-)



#21

2-Butanone

Concen: 1.714 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU041635.D

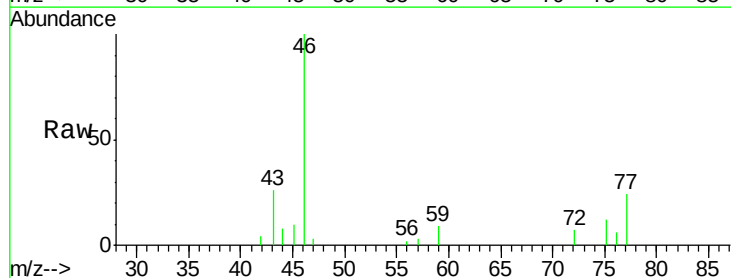
Acq: 15 Dec 2020 14:44

Tgt Ion: 43 Resp: 4644

Ion Ratio Lower Upper

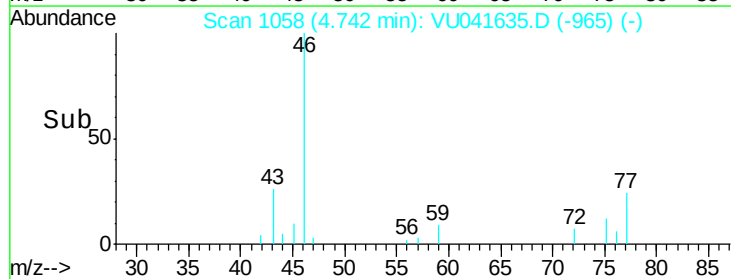
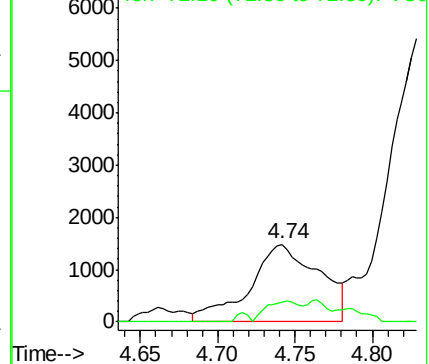
43 100

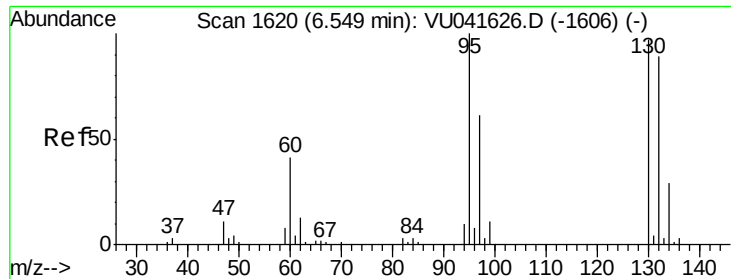
72 13.0 14.6 44.0#



Abundance Ion 43.05 (42.75 to 43.75): VU041635.D (-965) (-)

Ion 72.10 (71.80 to 72.80): VU041635.D (-965) (-)

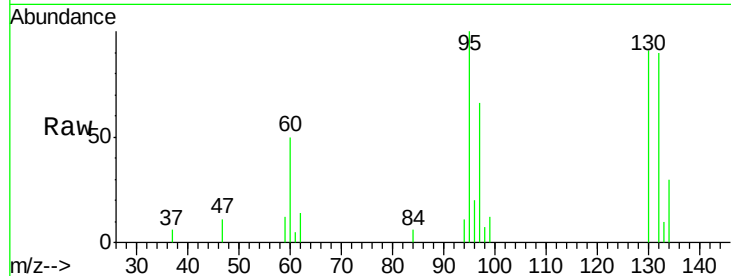




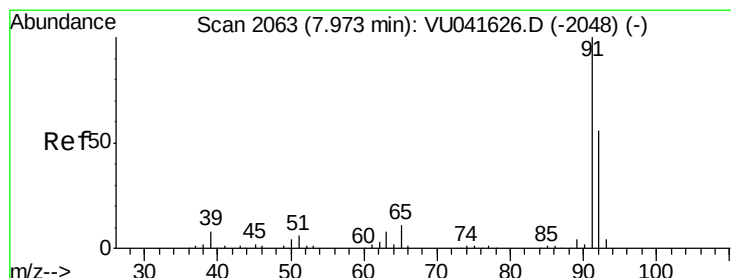
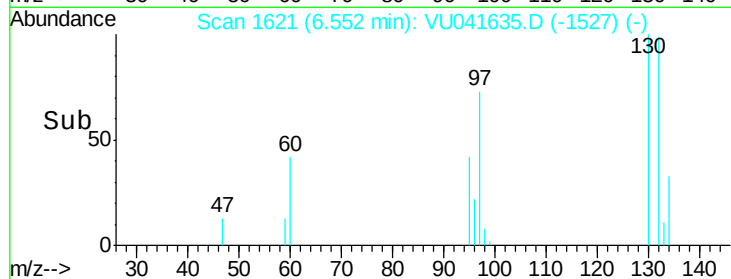
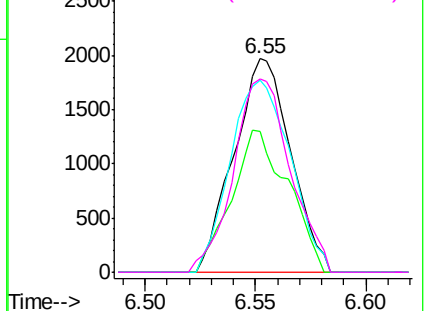
#34
 Trichloroethene
 Concen: 0.388 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041635.D
 Acq: 15 Dec 2020 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H8

Tot Ion: 95 Resp: 3519
 Ion Ratio Lower Upper
 95 100
 97 66.2 43.9 81.5
 132 90.2 63.1 117.3
 130 90.7 67.4 125.2

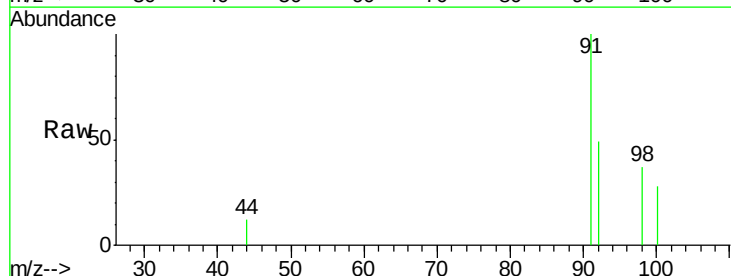


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

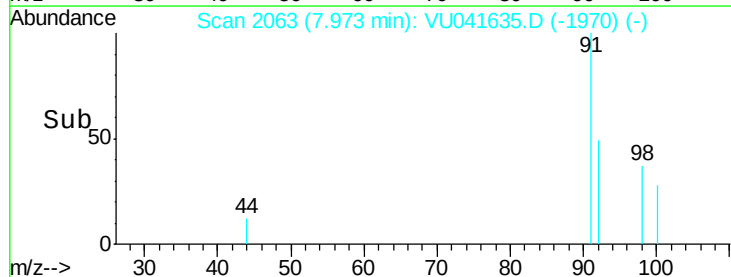
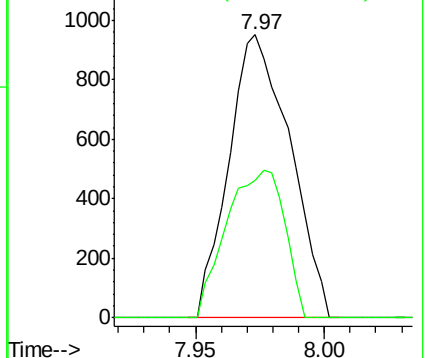


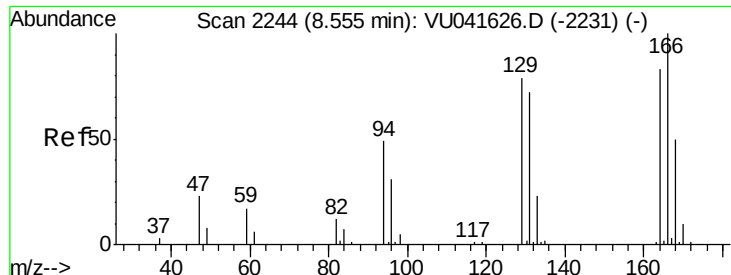
#42
 Toluene
 Concen: 0.042 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU041635.D
 Acq: 15 Dec 2020 14:44

Tgt Ion: 91 Resp: 1571
 Ion Ratio Lower Upper
 91 100
 92 48.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 68.732 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041635.D

Acq: 15 Dec 2020 14:44

Instrument :

MSVOA_U

ClientSampleId :

GB1H8

Tot Ion:164 Resp: 436457

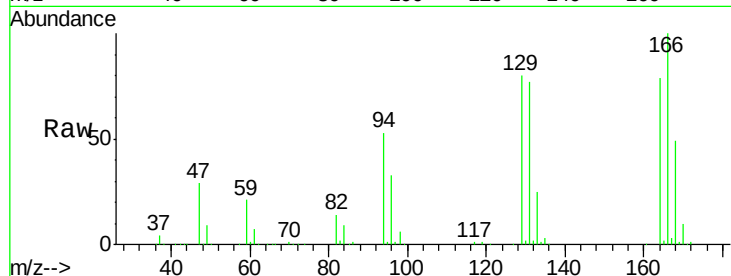
Ion Ratio Lower Upper

164 100

129 100.9 72.2 134.0

131 98.2 66.9 124.3

166 126.8 89.6 166.4



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

