

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101420\
 Data File : VU040695.D
 Acq On : 14 Oct 2020 13:50
 Operator : SY/MD
 Sample : L4401-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSC1

Quant Time: Oct 15 05:58:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 15 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127579	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46157	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.92	69	41264	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	76213	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.66	46	168808	52.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	5.08	84	93261	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	56676	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	171411	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	57051	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	142860	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	23094	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	120761	48.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48938	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54952	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

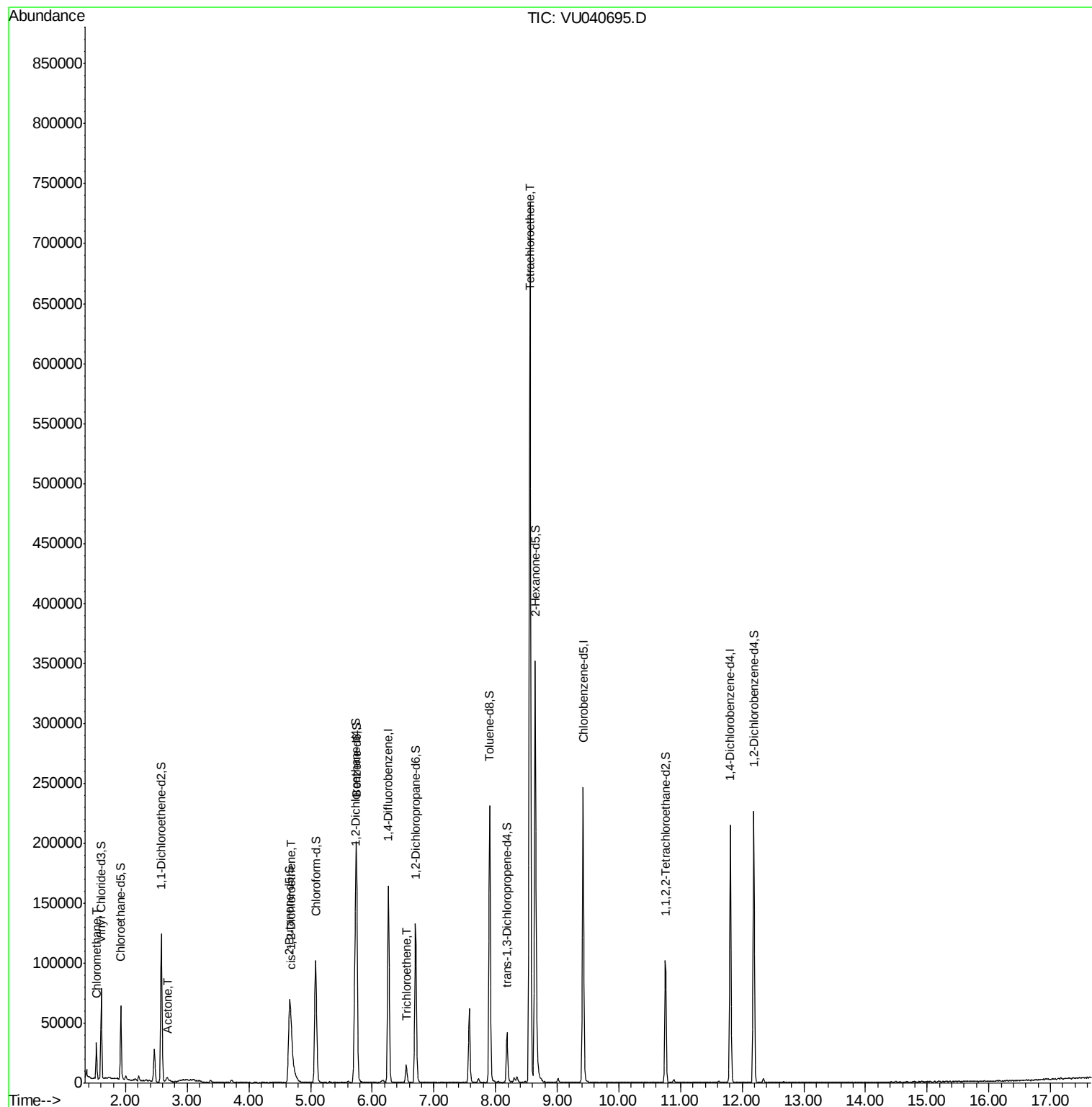
					Ovalue
3) Chloromethane	1.53	50	21193	2.044 ug/L	96
13) Acetone	2.68	43	8086	3.215 ug/L	66
22) cis-1,2-Dichloroethene	4.69	96	2305	0.234 ug/L	93
34) Trichloroethene	6.55	95	4559	0.429 ug/L	98
47) Tetrachloroethene	8.56	164	152317	20.095 ug/L	97

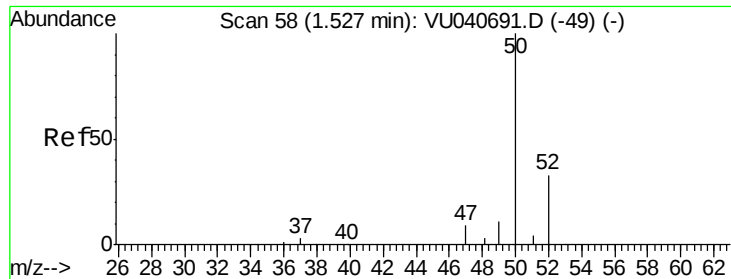
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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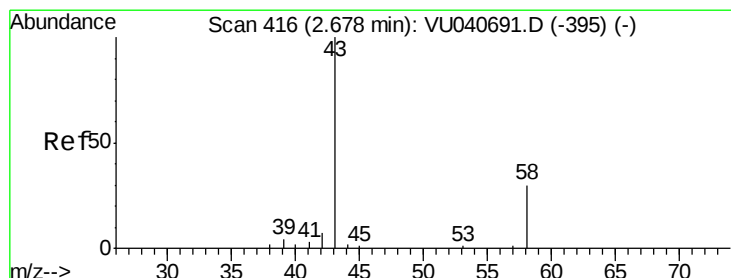
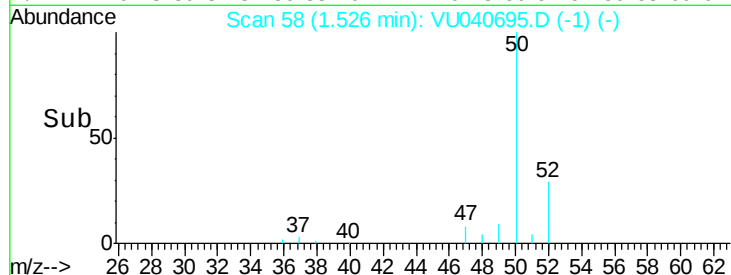
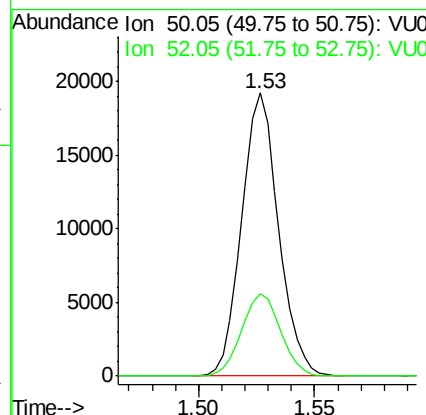
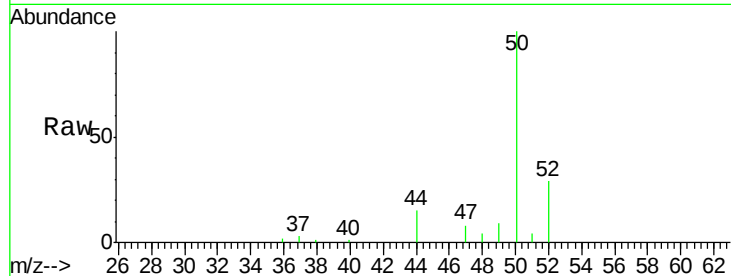




#3
 Chloromethane
 Concen: 2.044 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU040695.D
 Acq: 14 Oct 2020 13:50

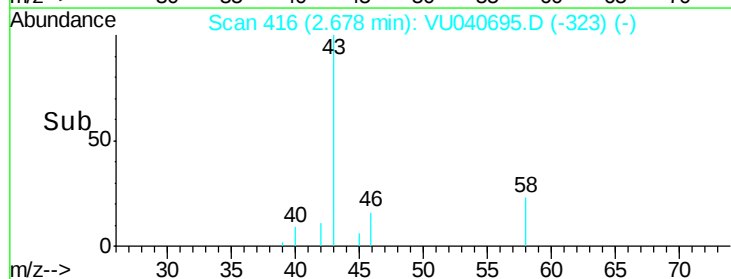
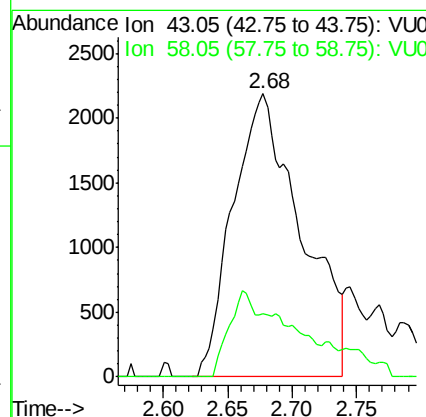
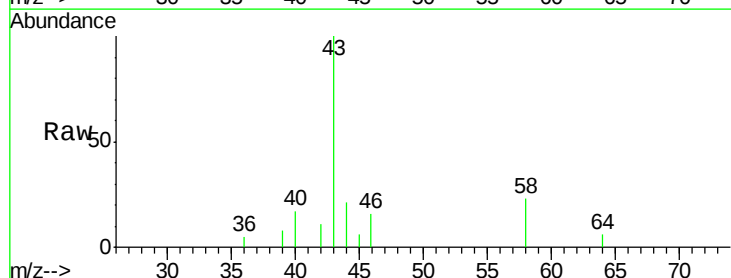
Instrument :
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 BFSC1

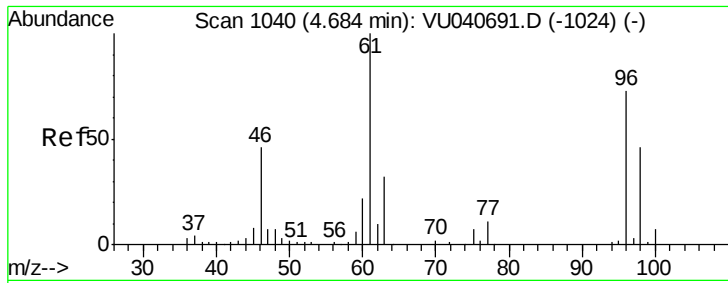
Tot Ion: 50 Resp: 21193
 Ion Ratio Lower Upper
 50 100
 52 29.0 21.9 40.7



#13
 Acetone
 Concen: 3.215 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VU040695.D
 Acq: 14 Oct 2020 13:50

Tgt Ion: 43 Resp: 8086
 Ion Ratio Lower Upper
 43 100
 58 11.9 0.0 60.6





#22

cis-1,2-Dichloroethene

Concen: 0.234 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040695.D

Acq: 14 Oct 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

BFSC1

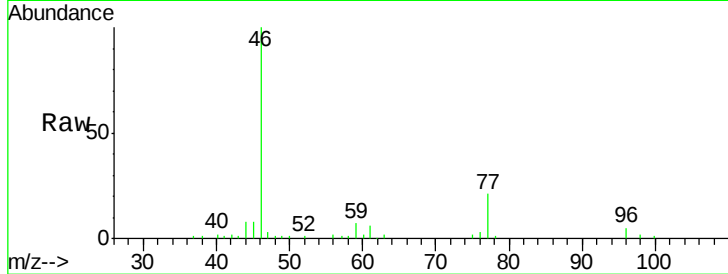
Tot Ion: 96 Resp: 2305

Ion Ratio Lower Upper

96 100

61 134.1 99.8 185.4

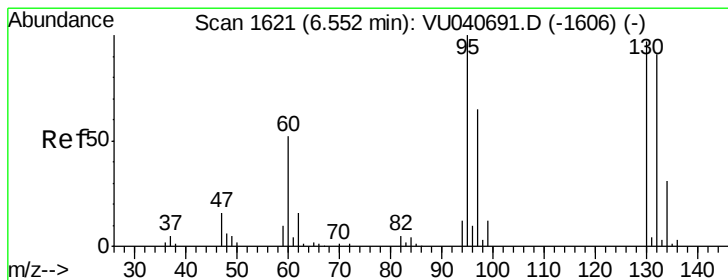
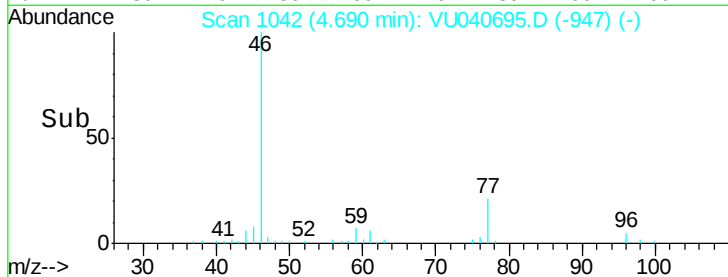
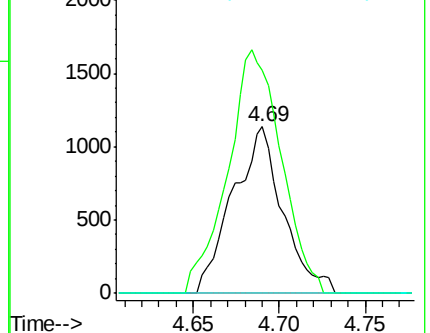
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040695.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040695.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040695.D (-1024) (-)



#34

Trichloroethene

Concen: 0.429 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040695.D

Acq: 14 Oct 2020 13:50

Tgt Ion: 95 Resp: 4559

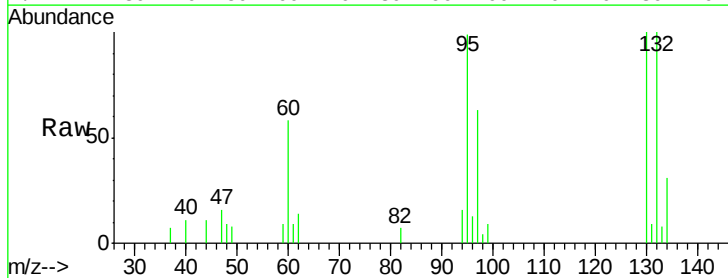
Ion Ratio Lower Upper

95 100

97 63.6 45.5 84.5

132 101.1 67.5 125.4

130 100.7 69.9 129.9

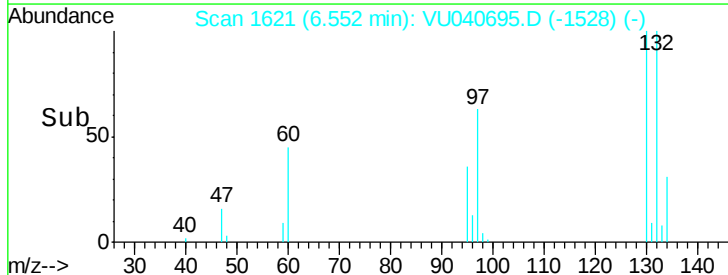
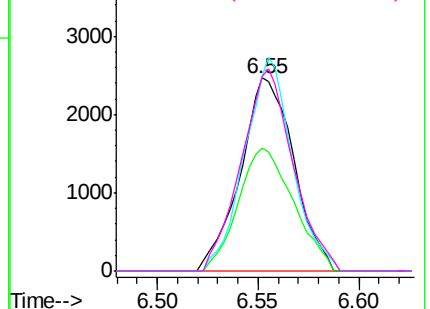


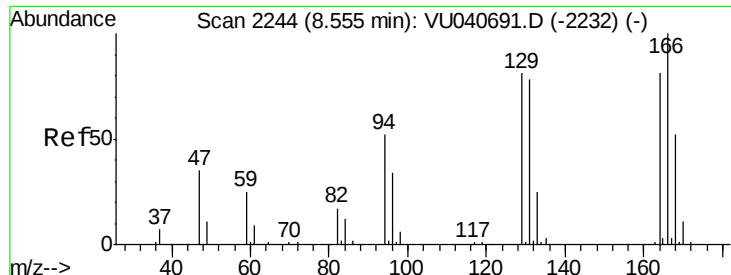
Abundance Ion 95.00 (94.70 to 95.70): VU040695.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU040695.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU040695.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU040695.D (-1606) (-)





#47

Tetrachloroethene

Concen: 20.095 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040695.D

Acq: 14 Oct 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

BFSC1

Tot Ion:164 Resp: 152317

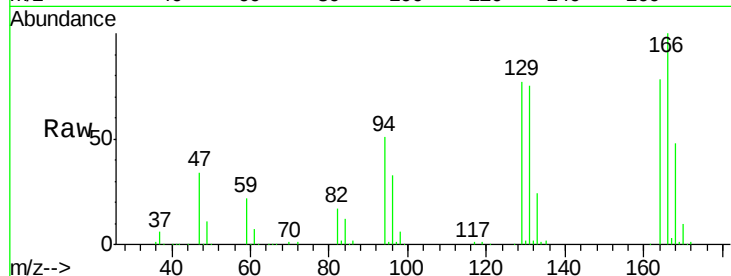
Ion Ratio Lower Upper

164 100

129 98.5 68.8 127.8

131 95.8 66.7 123.9

166 128.0 83.9 155.7



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

