

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039751.D
 Acq On : 06 Aug 2020 13:13
 Operator : SY/MD
 Sample : L3572-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L82

Quant Time: Aug 07 03:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77067	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32604	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22580	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.92	69	21435	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	31142	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.66	46	81199	44.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	5.09	84	49920	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	29385	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.75	84	89135	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.71	67	30295	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	69688	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	9590	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	58232	47.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26546	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	29525	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

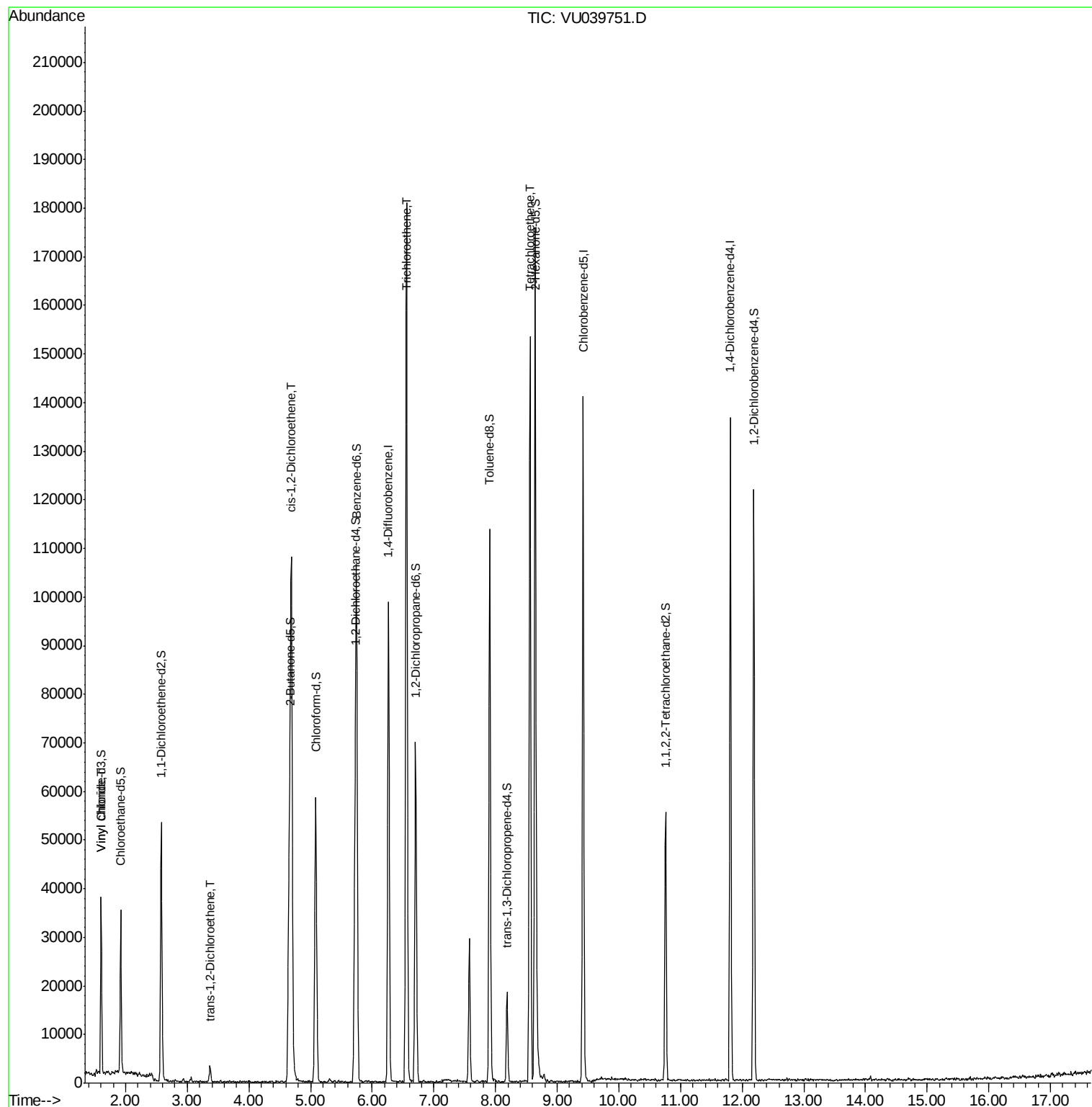
					Ovalue
5) Vinyl chloride	1.61	62	1578	0.252 ug/L	# 78
18) trans-1,2-Dichloroethene	3.38	96	1335	0.261 ug/L	85
22) cis-1,2-Dichloroethene	4.69	96	47918	8.608 ug/L	90
34) Trichloroethene	6.56	95	56445	11.019 ug/L	93
47) Tetrachloroethene	8.56	164	29928	7.082 ug/L	93

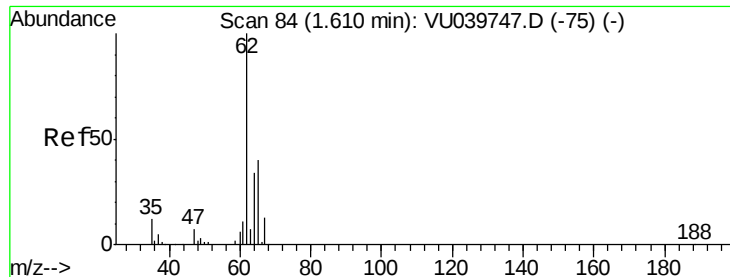
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.252 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039751.D

Acq: 06 Aug 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

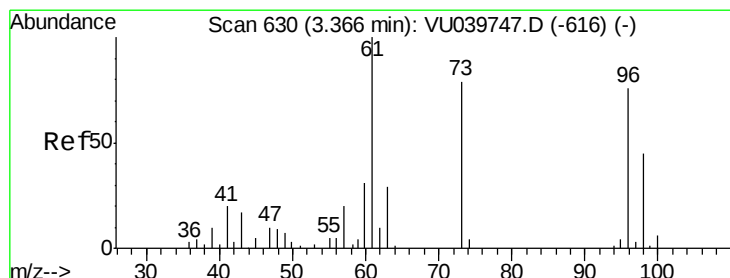
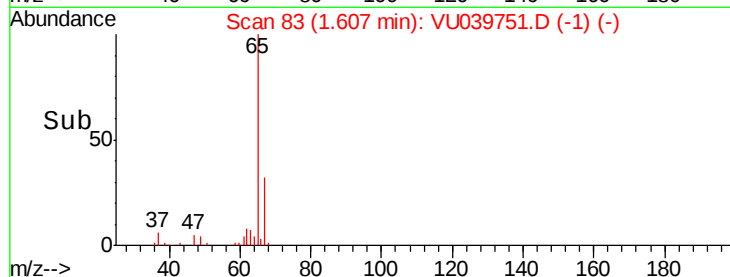
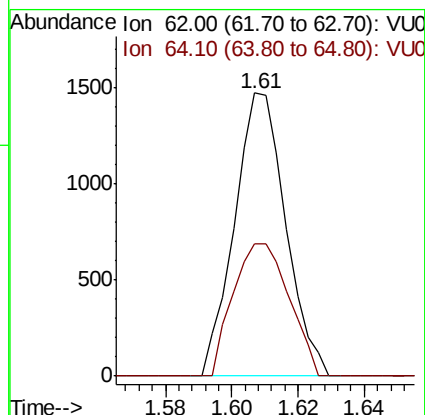
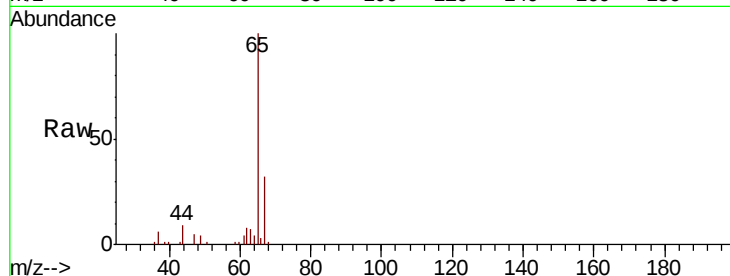
F2L82

Tot Ion: 62 Resp: 1578

Ion Ratio Lower Upper

62 100

64 46.8 24.1 44.7#



#18

trans-1,2-Dichloroethene

Concen: 0.261 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU039751.D

Acq: 06 Aug 2020 13:13

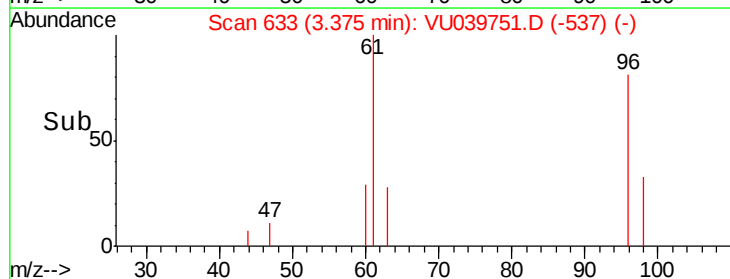
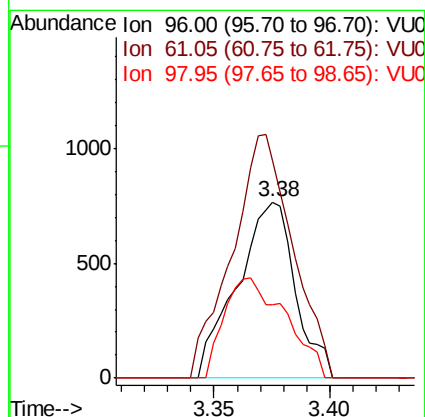
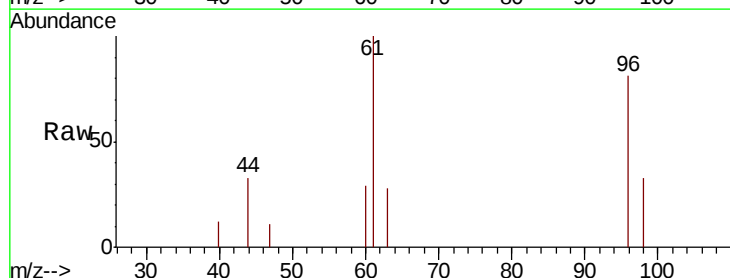
Tgt Ion: 96 Resp: 1335

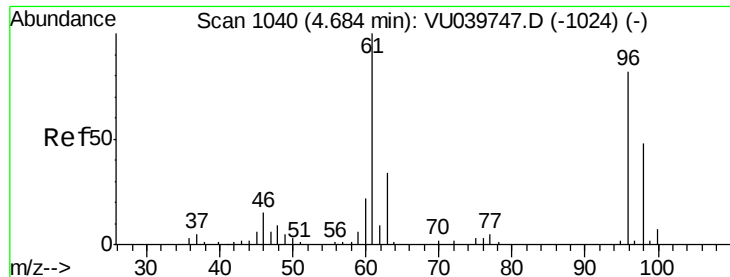
Ion Ratio Lower Upper

96 100

61 123.6 96.5 179.1

98 41.3 40.9 76.0





#22

cis-1,2-Dichloroethene

Concen: 8.608 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039751.D

Acq: 06 Aug 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

F2L82

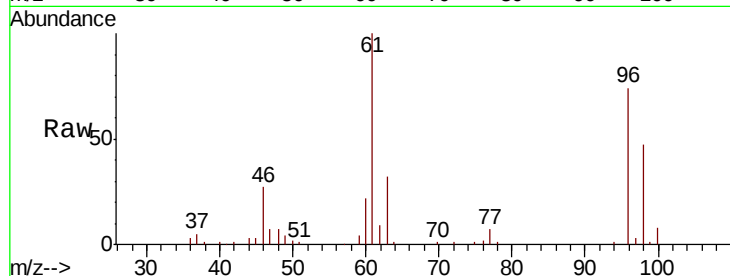
Tot Ion: 96 Resp: 47918

Ion Ratio Lower Upper

96 100

61 135.7 87.4 162.2

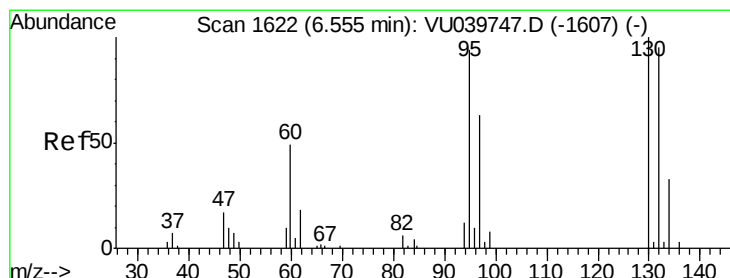
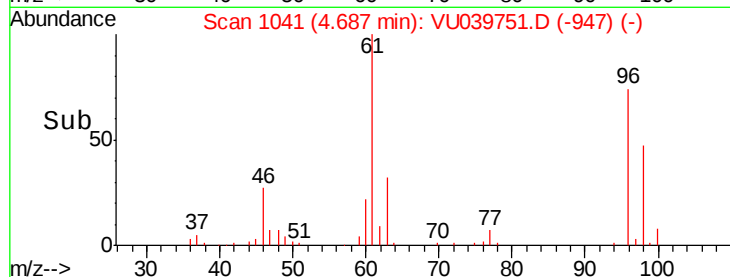
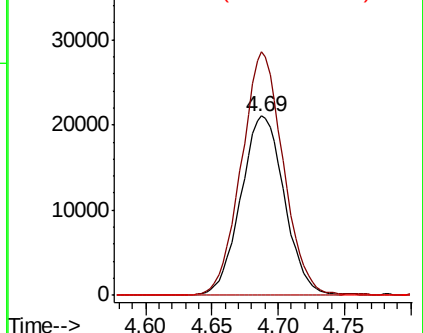
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039747.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU039747.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU039747.D (-1024) (-)



#34

Trichloroethene

Concen: 11.019 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU039751.D

Acq: 06 Aug 2020 13:13

Tgt Ion: 95 Resp: 56445

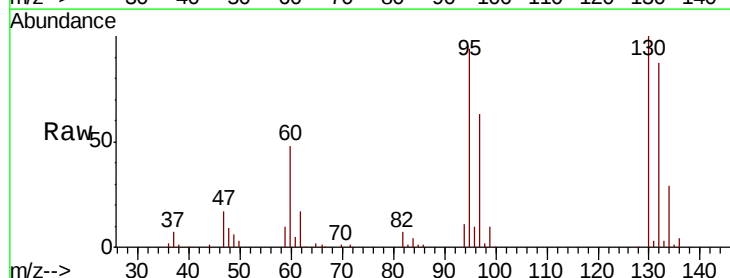
Ion Ratio Lower Upper

95 100

97 67.2 44.0 81.8

132 92.3 71.7 133.3

130 106.0 71.1 132.1

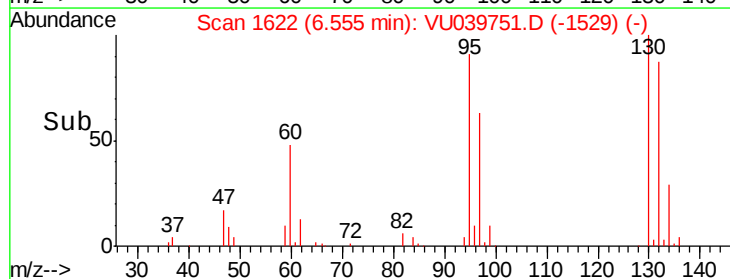
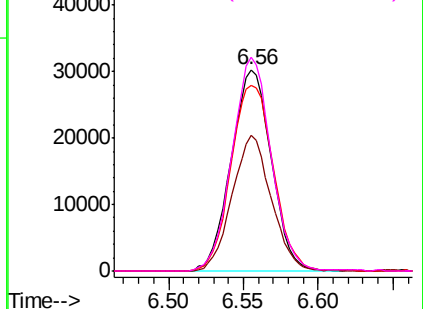


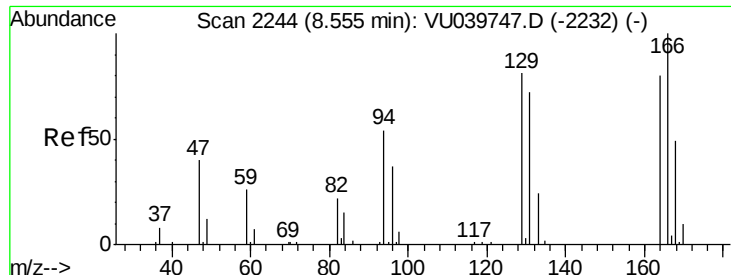
Abundance Ion 95.00 (94.70 to 95.70): VU039747.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU039747.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU039747.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU039747.D (-1607) (-)





#47

Tetrachloroethene

Concen: 7.082 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039751.D

Acq: 06 Aug 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

F2L82

Tot Ion:164 Resp: 29928

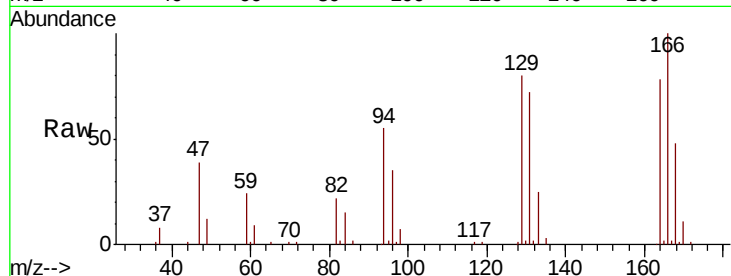
Ion Ratio Lower Upper

164 100

129 102.9 65.9 122.5

131 92.5 68.1 126.5

166 127.9 84.5 156.9



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

