

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U080720\
 Data File : VU039787.D
 Acq On : 07 Aug 2020 15:18
 Operator : SY/MD
 Sample : L3572-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L82

Quant Time: Aug 08 04:31:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70054	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15493	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	17149	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	22029	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	89894	54.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.06%
24) Chloroform-d	5.08	84	43900	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	25837	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.75	84	72695	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.71	67	26914	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	54853	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.19	79	9402	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	62791	54.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25601	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27369	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

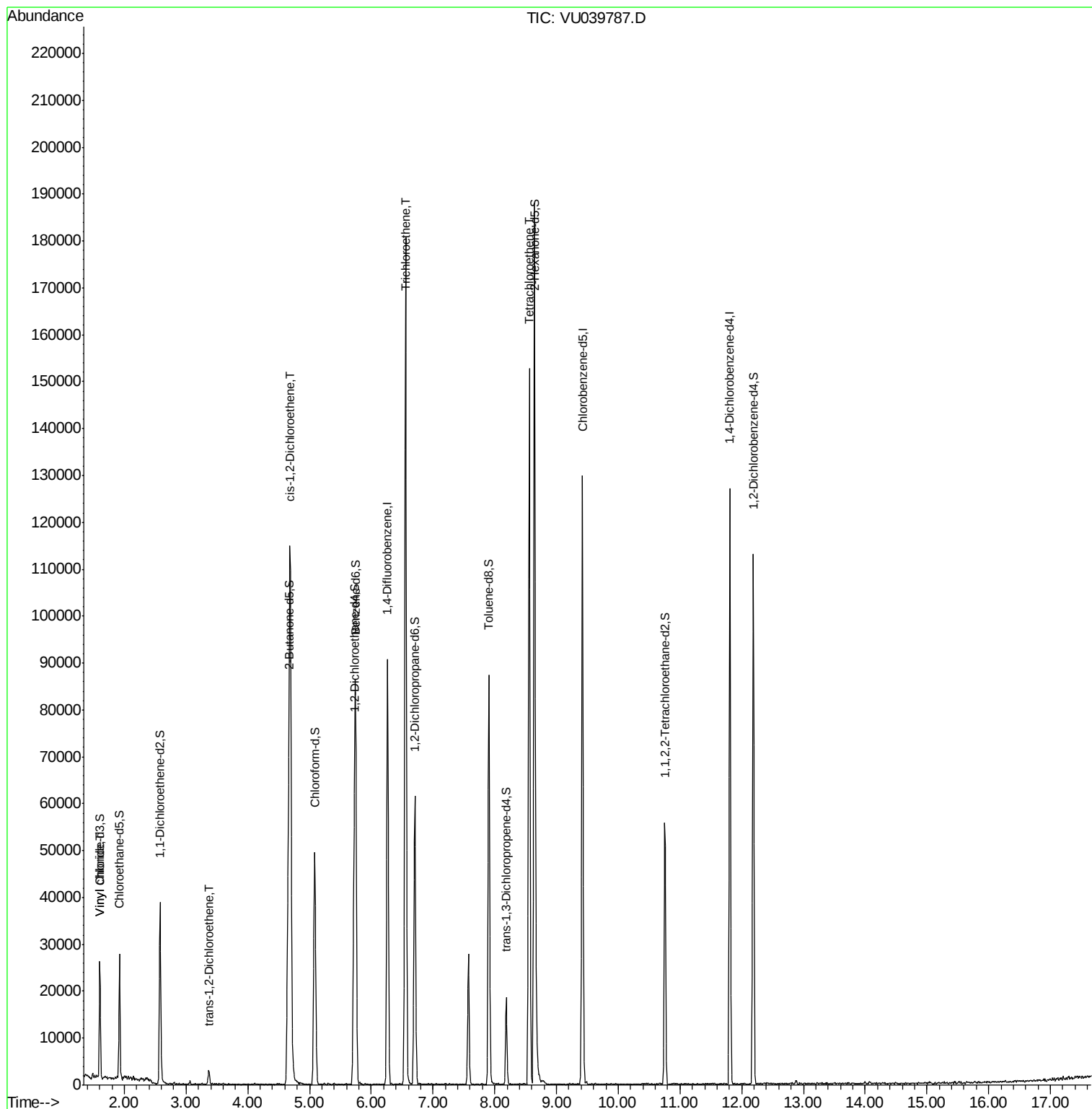
					Ovalue
5) Vinyl chloride	1.61	62	1481	0.260 ug/L	92
18) trans-1,2-Dichloroethene	3.37	96	1313	0.282 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	47967	9.479 ug/L	96
34) Trichloroethene	6.56	95	55787	11.576 ug/L	98
47) Tetrachloroethene	8.56	164	31008	7.800 ug/L	95

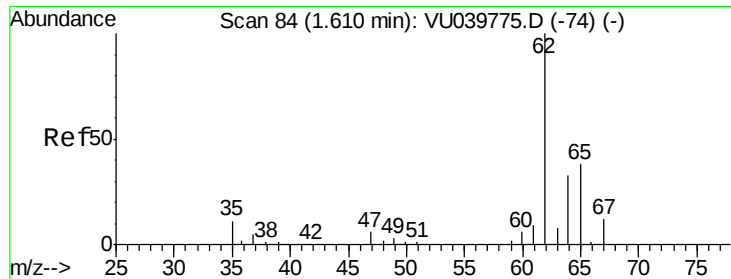
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.260 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039787.D

Acq: 07 Aug 2020 15:18

Instrument :

MSVOA_U

ClientSampled :

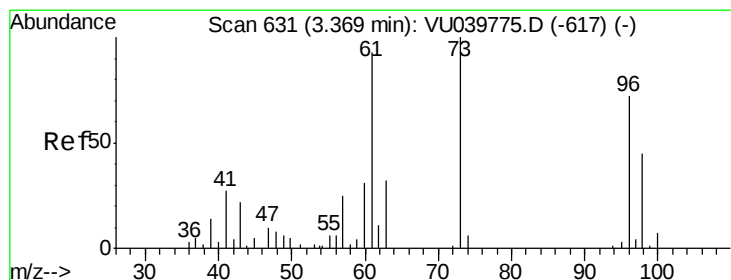
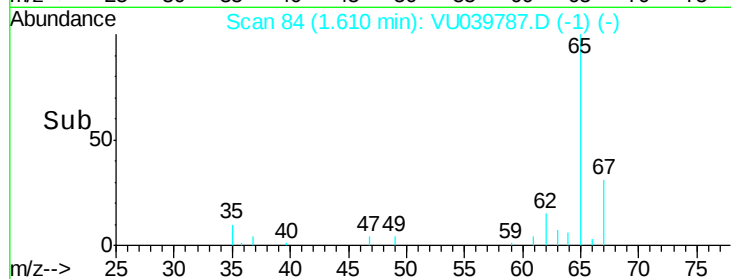
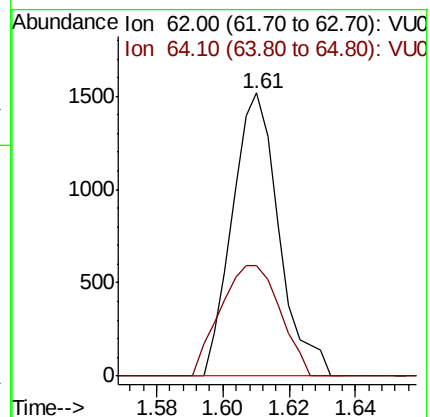
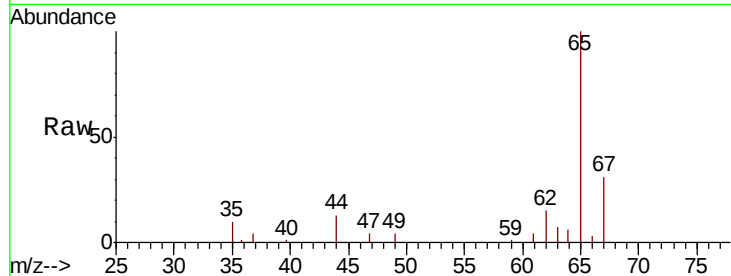
F2L82

Tot Ion: 62 Resp: 1481

Ion Ratio Lower Upper

62 100

64 39.0 24.1 44.7



#18

trans-1,2-Dichloroethene

Concen: 0.282 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039787.D

Acq: 07 Aug 2020 15:18

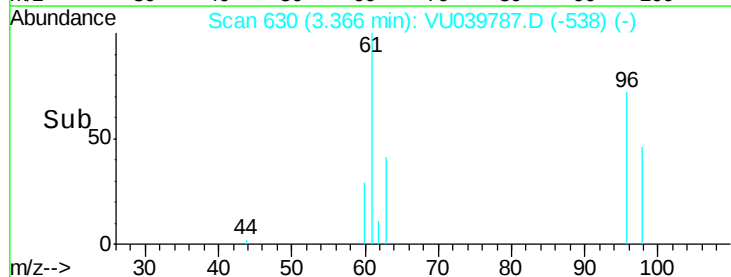
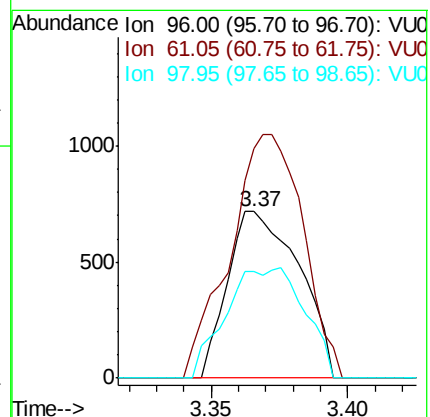
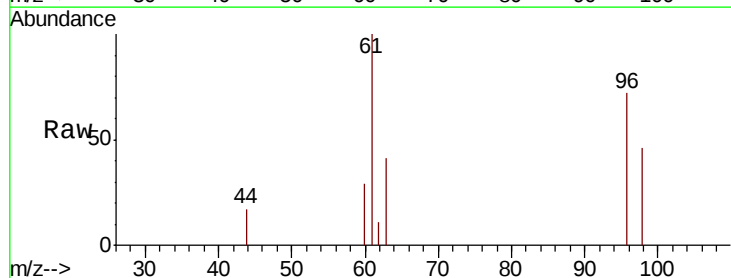
Tgt Ion: 96 Resp: 1313

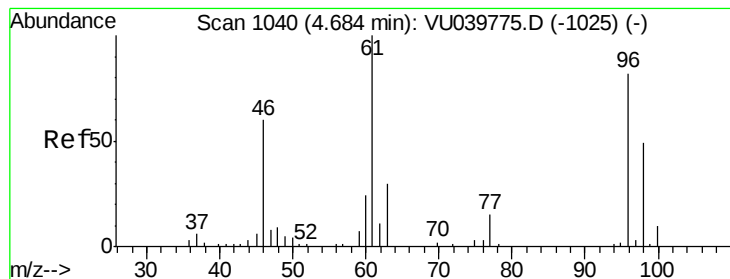
Ion Ratio Lower Upper

96 100

61 138.0 96.5 179.1

98 64.0 40.9 76.0





#22

cis-1,2-Dichloroethene

Concen: 9.479 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039787.D

Acq: 07 Aug 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

F2L82

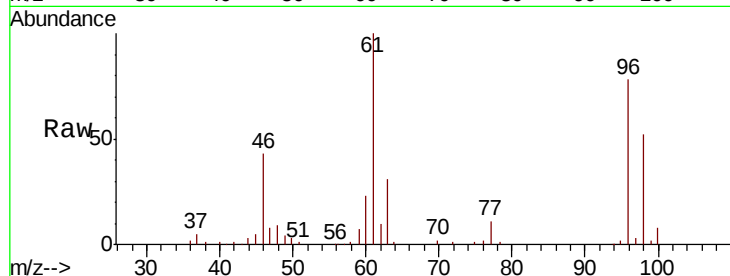
Tot Ion: 96 Resp: 47967

Ion Ratio Lower Upper

96 100

61 129.0 87.4 162.2

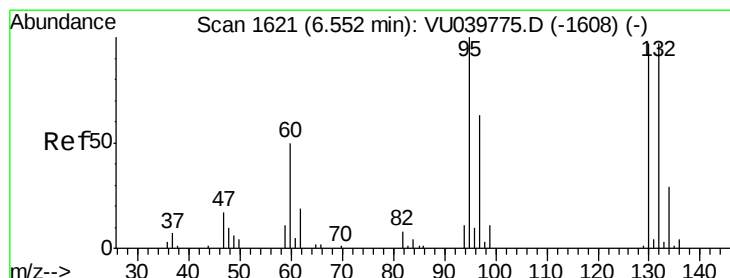
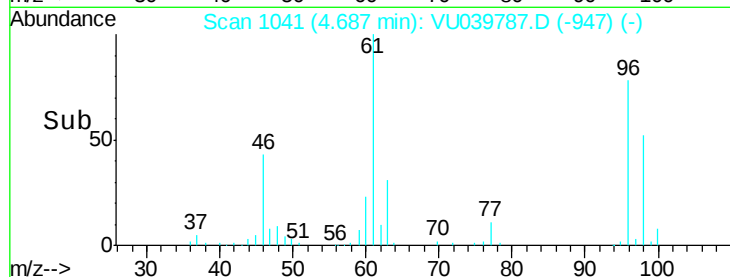
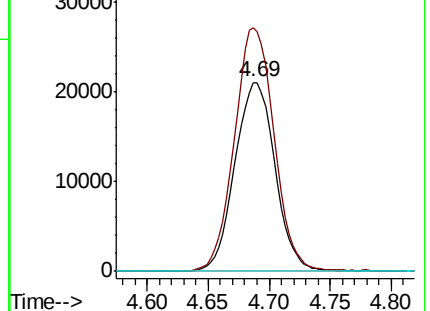
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039787.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU039787.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU039787.D (-1528) (-)



#34

Trichloroethene

Concen: 11.576 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039787.D

Acq: 07 Aug 2020 15:18

Tgt Ion: 95 Resp: 55787

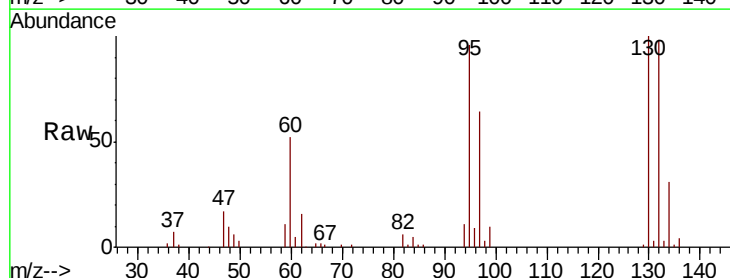
Ion Ratio Lower Upper

95 100

97 66.5 44.0 81.8

132 101.6 71.7 133.3

130 103.7 71.1 132.1

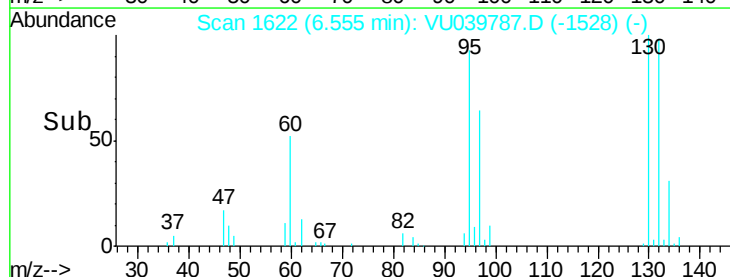
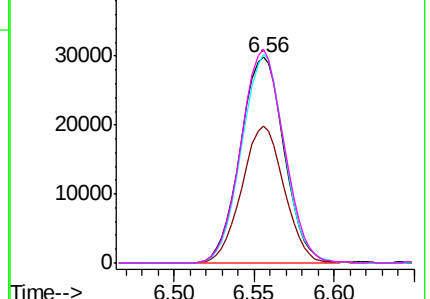


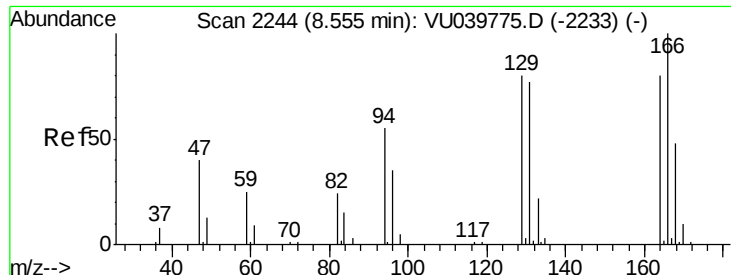
Abundance Ion 95.00 (94.70 to 95.70): VU039787.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU039787.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039787.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039787.D (-1528) (-)





#47

Tetrachloroethene

Concen: 7.800 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039787.D

Acq: 07 Aug 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

F2L82

Tot Ion:164 Resp: 31008

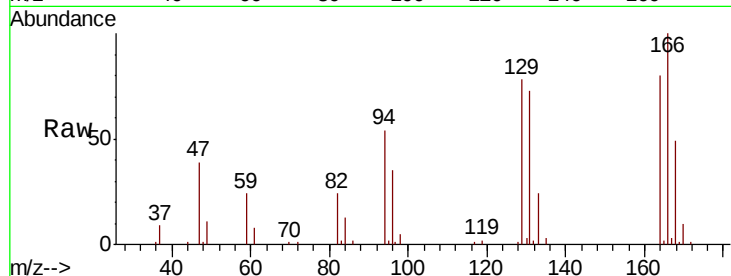
Ion Ratio Lower Upper

164 100

129 97.5 65.9 122.5

131 91.3 68.1 126.5

166 125.4 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

