

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040889.D
 Acq On : 21 Oct 2020 21:46
 Operator : SY/MD
 Sample : L4428-14DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ48DL

Quant Time: Oct 22 02:27:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	218601	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	229268	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	93892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69001	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	63638	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	107088	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.65	46	345978	65.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.04%#
24) Chloroform-d	5.08	84	161125	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	101947	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.74	84	277084	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	98842	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	218296	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	37968	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	254754	62.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	94383	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	87984	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

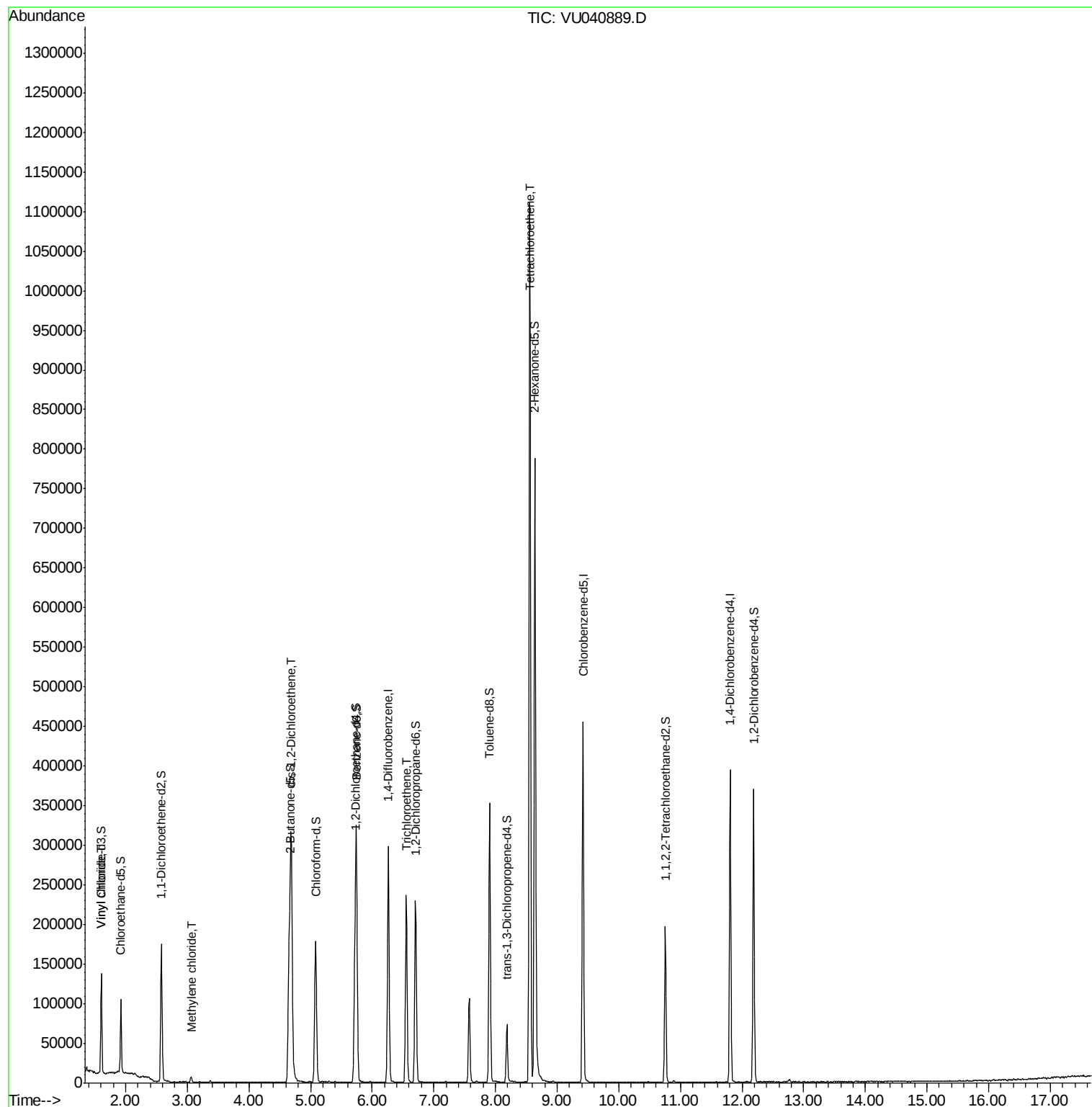
					Ovalue
5) Vinyl chloride	1.61	62	18228	0.814 ug/L	90
16) Methylene chloride	3.07	84	3234	0.164 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	117415	6.440 ug/L	99
34) Trichloroethene	6.55	95	76848	4.097 ug/L	97
47) Tetrachloroethene	8.56	164	219983	15.758 ug/L	99

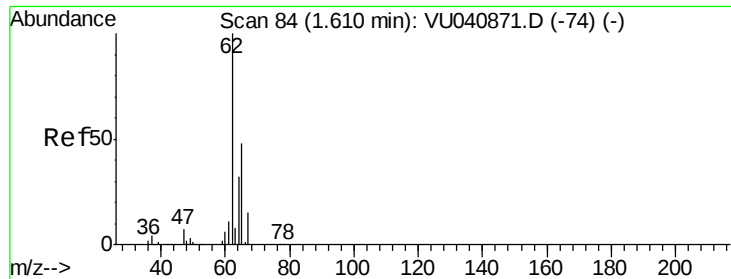
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.814 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Acq: 21 Oct 2020 21:46

Instrument :

MSVOA_U

ClientSampleId :

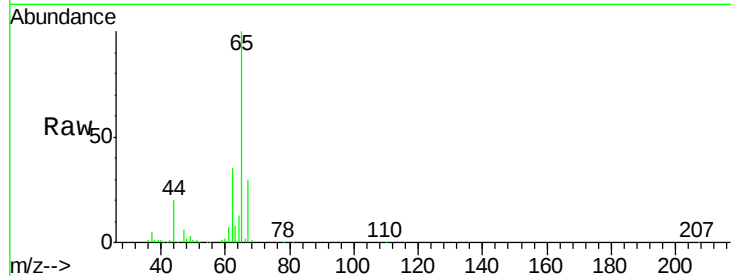
ETZ48DL

Tot Ion: 62 Resp: 18228

Ion Ratio Lower Upper

62 100

64 36.7 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

20000

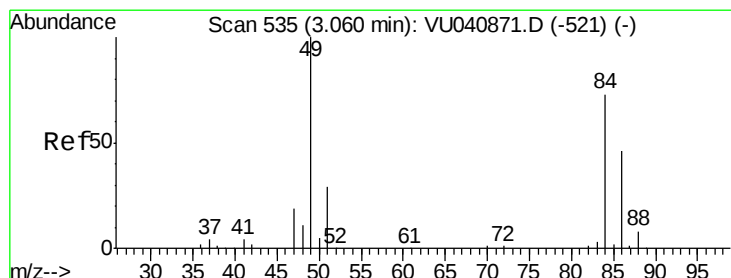
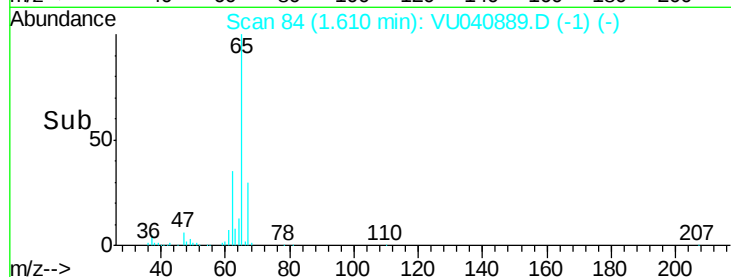
15000

10000

5000

0

Time--> 1.55 1.60 1.65



#16

Methylene chloride

Concen: 0.164 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

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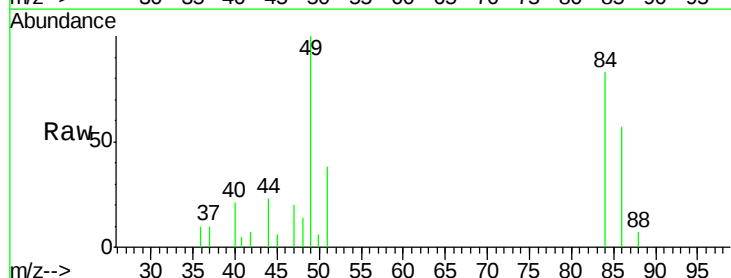
Tgt Ion: 84 Resp: 3234

Ion Ratio Lower Upper

84 100

86 68.6 44.9 83.5

49 120.3 94.7 175.9



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

3000

2500

2000

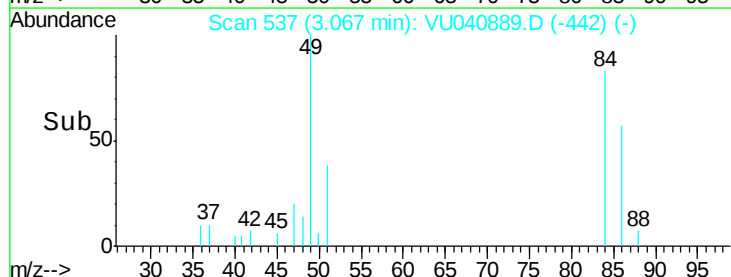
1500

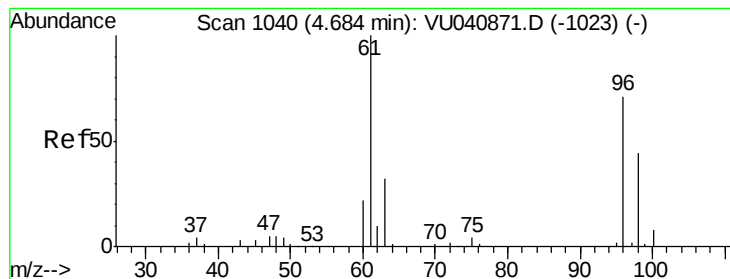
1000

500

0

Time--> 3.00 3.05 3.10





#22

cis-1,2-Dichloroethene

Concen: 6.440 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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ClientSampleId :

ETZ48DL

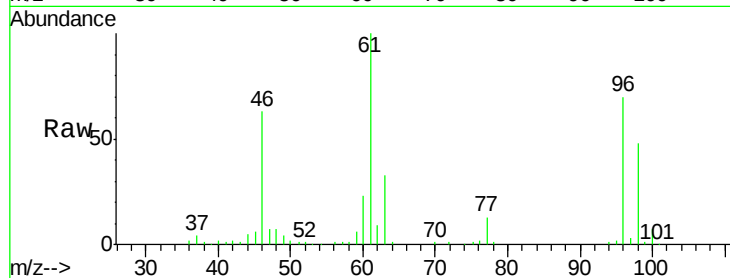
Tot Ion: 96 Resp: 117415

Ion Ratio Lower Upper

96 100

61 141.9 100.0 185.6

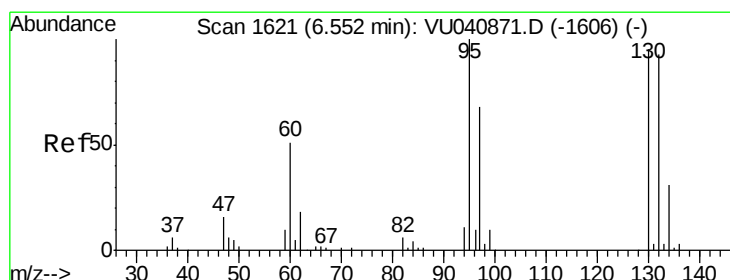
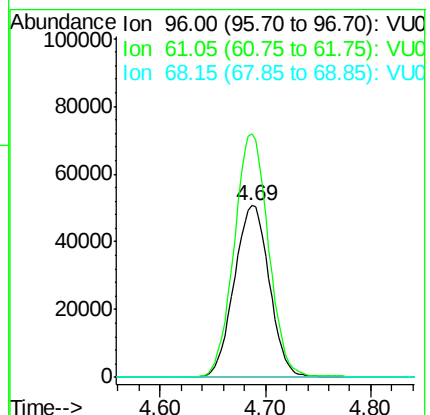
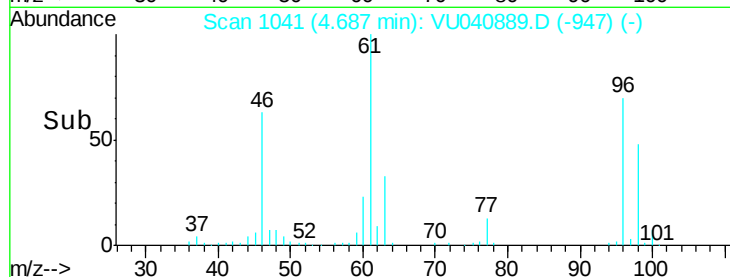
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040889.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU040889.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU040889.D (-1528) (-)



#34

Trichloroethene

Concen: 4.097 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040889.D

Acq: 21 Oct 2020 21:46

Tgt Ion: 95 Resp: 76848

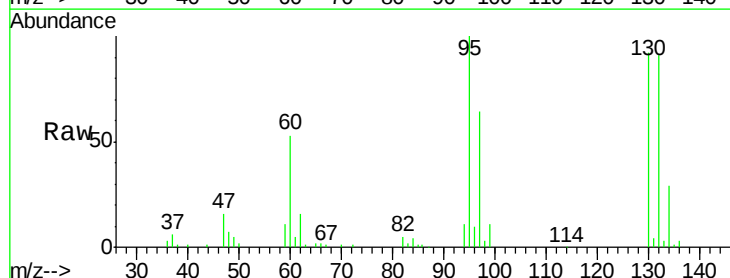
Ion Ratio Lower Upper

95 100

97 63.8 46.0 85.4

132 90.7 63.6 118.2

130 92.2 68.6 127.4

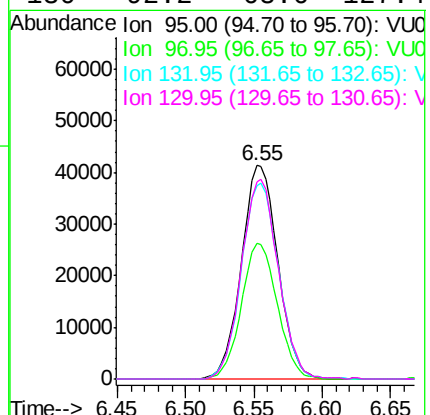
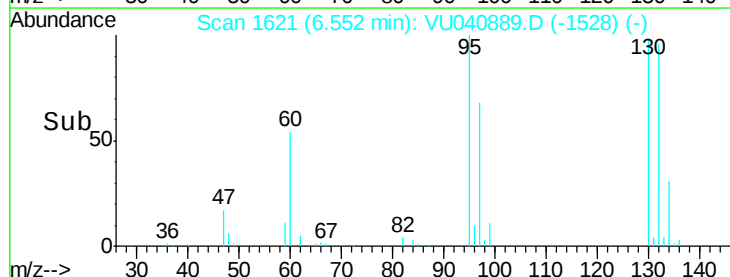


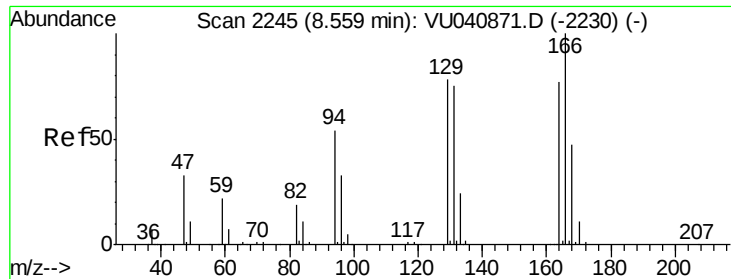
Abundance Ion 95.00 (94.70 to 95.70): VU040889.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040889.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040889.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040889.D (-1528) (-)





#47

Tetrachloroethene

Concen: 15.758 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040889.D

Acq: 21 Oct 2020 21:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ48DL

Tot Ion:164 Resp: 219983

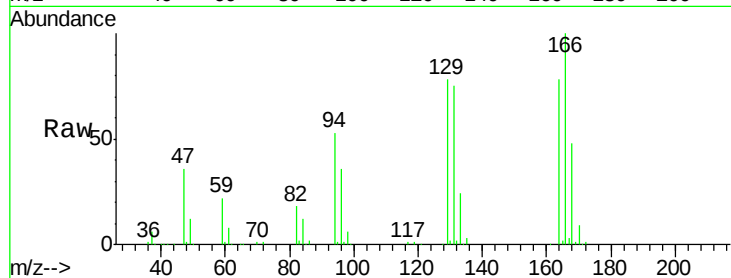
Ion Ratio Lower Upper

164 100

129 100.6 69.7 129.4

131 96.7 65.4 121.4

166 128.6 90.0 167.2



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

