

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035087.D
 Acq On : 11 Oct 2019 13:59
 Operator : JC/SP
 Sample : K5310-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1D-001-01

Quant Time: Oct 12 02:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 01:49:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166504	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58151	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.68	69	53696	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.26	63	85715	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.17	46	146620	50.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	4.62	84	97027	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.29	65	59961	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.32	84	211568	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.31	67	72120	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.55	98	185079	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.84	79	23031	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.30	63	109983	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58393	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	60658	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

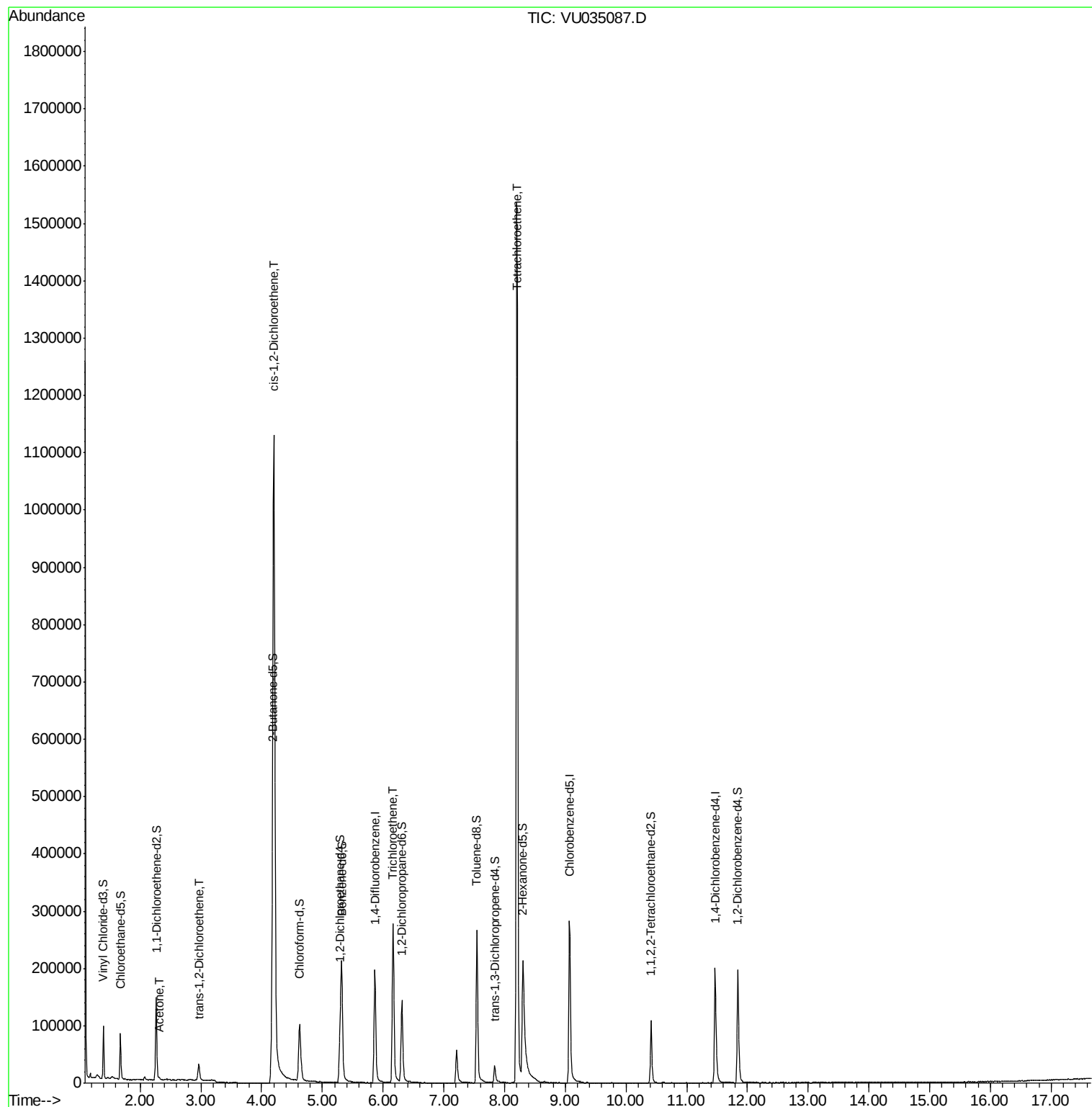
					Ovalue
13) Acetone	2.31	43	3955	1.666 ug/L	91
18) trans-1,2-Dichloroethene	2.96	96	10661	0.931 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	634177	49.645 ug/L	89
34) Trichloroethene	6.16	95	101402	7.369 ug/L	98
47) Tetrachloroethene	8.21	164	339327	30.465 ug/L	97

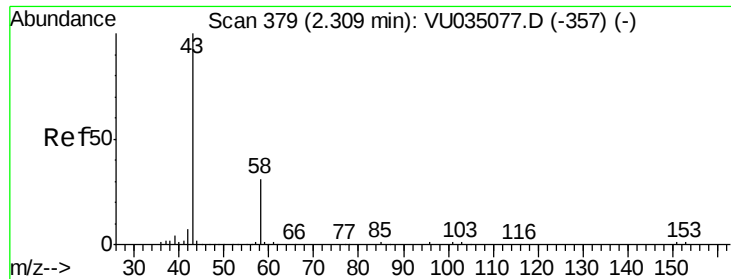
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.666 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

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MSVOA_U

ClientSampleId :

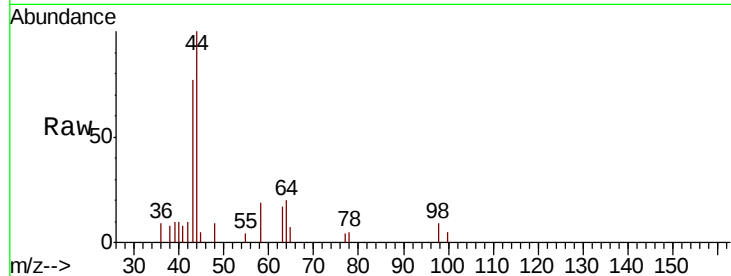
MW-1D-001-01

Tot Ion: 43 Resp: 3955

Ion Ratio Lower Upper

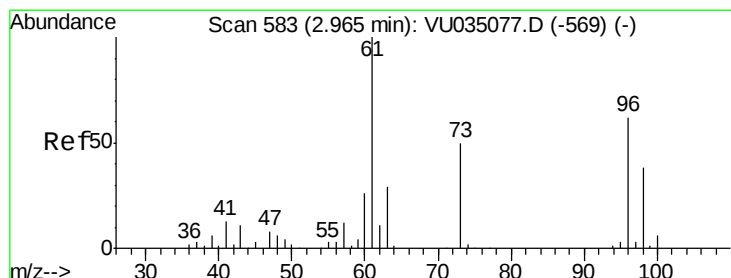
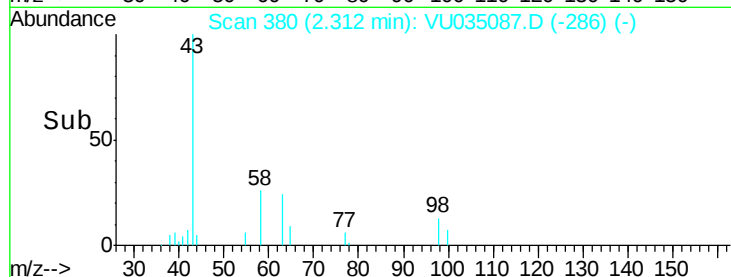
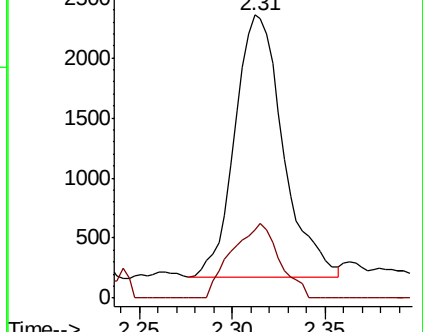
43 100

58 28.1 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035087.D (-357) (-)

Ion 58.05 (57.75 to 58.75): VU035087.D (-357) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.931 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

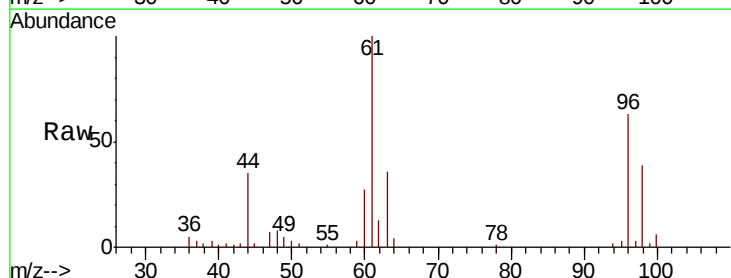
Tgt Ion: 96 Resp: 10661

Ion Ratio Lower Upper

96 100

61 159.1 107.1 198.9

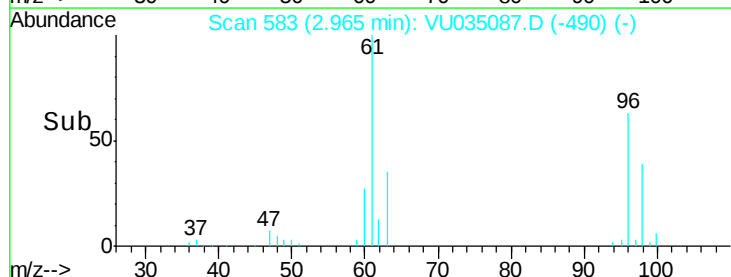
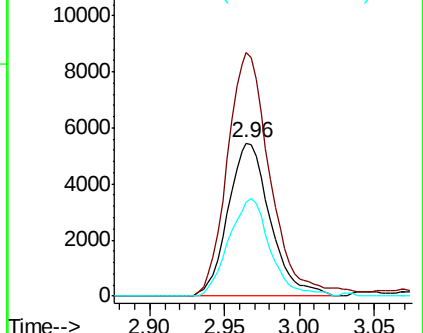
98 61.4 45.4 84.4

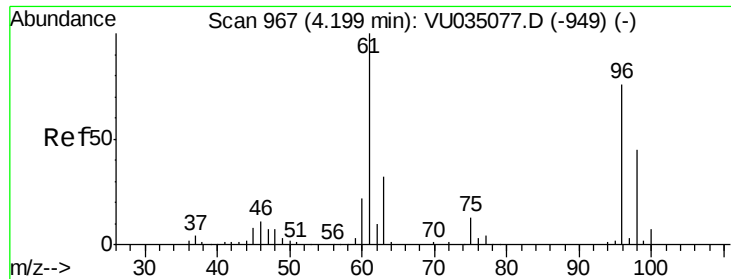


Abundance Ion 96.00 (95.70 to 96.70): VU035087.D (-490) (-)

Ion 61.05 (60.75 to 61.75): VU035087.D (-490) (-)

Ion 97.95 (97.65 to 98.65): VU035087.D (-490) (-)



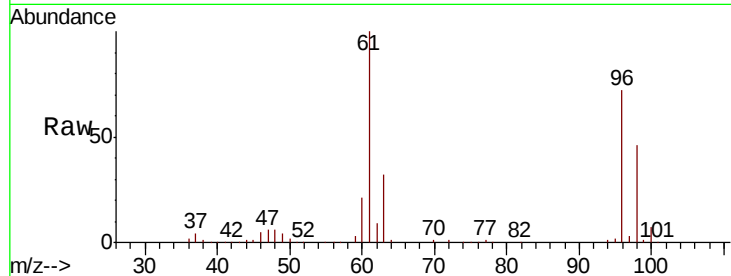


#22

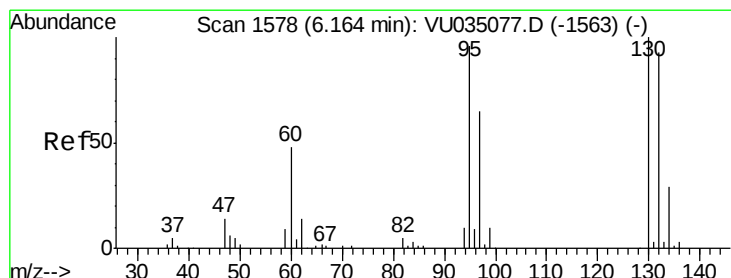
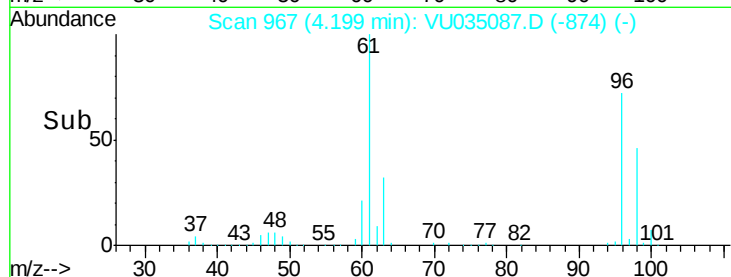
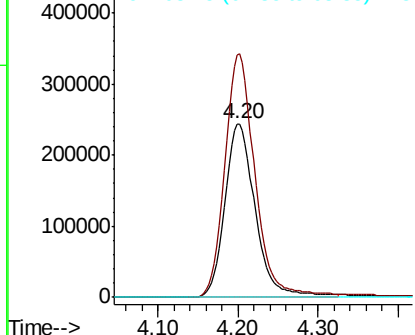
cis-1,2-Dichloroethene
Concen: 49.645 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU035087.D
Acq: 11 Oct 2019 13:59

Instrument :
MSVOA_U
ClientSampleId :
MW-1D-001-01

Tot Ion: 96 Resp: 634177
Ion Ratio Lower Upper
96 100
61 139.5 89.2 165.6
68 0.0 0.0 0.0



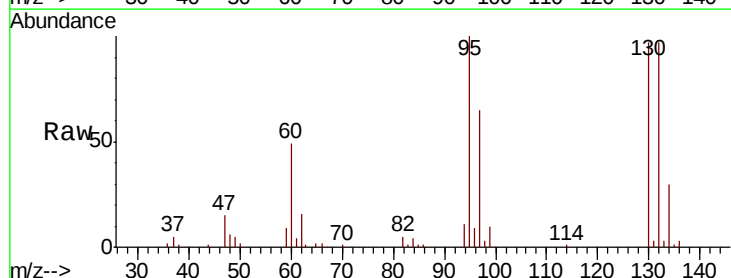
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



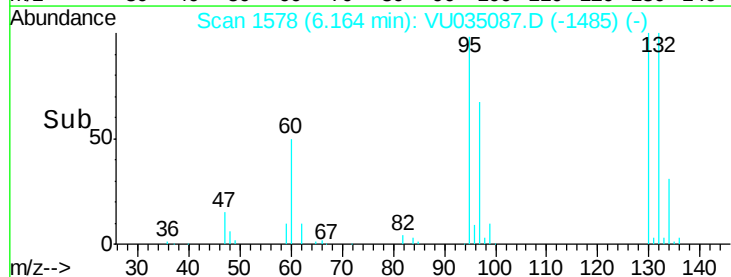
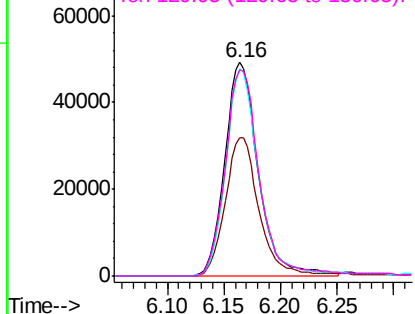
#34

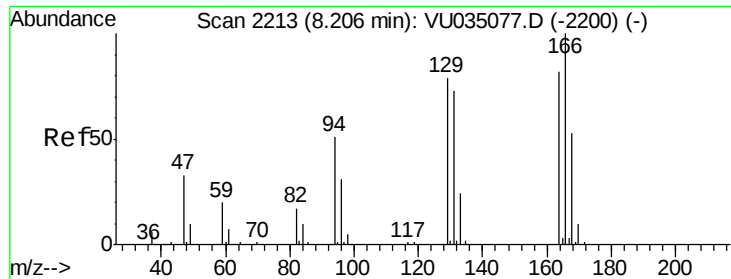
Trichloroethene
Concen: 7.369 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035087.D
Acq: 11 Oct 2019 13:59

Tgt Ion: 95 Resp: 101402
Ion Ratio Lower Upper
95 100
97 65.0 44.5 82.7
132 96.8 66.6 123.8
130 96.5 68.9 127.9



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





#47

Tetrachloroethene

Concen: 30.465 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1D-001-01

Tot Ion:164 Resp: 339327

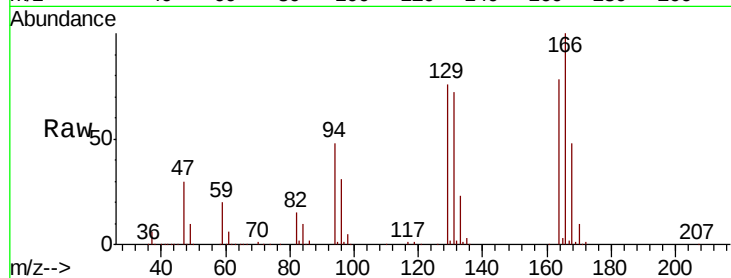
Ion Ratio Lower Upper

164 100

129 97.3 68.5 127.1

131 91.8 67.3 124.9

166 127.9 93.1 172.9



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

