

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029581.D
 Acq On : 20 Feb 2019 15:26
 Operator : JC/SP
 Sample : K1488-09DL 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE5DL

Quant Time: Feb 21 05:40:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201580	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	200429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56379	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.68	69	49969	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.27	63	88187	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.19	46	177486	63.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.06%
24) Chloroform-d	4.65	84	104738	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	62258	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.34	84	225775	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.33	67	69995	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.56	98	209203	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	27314	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.31	63	170685	58.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65723	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	99216	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

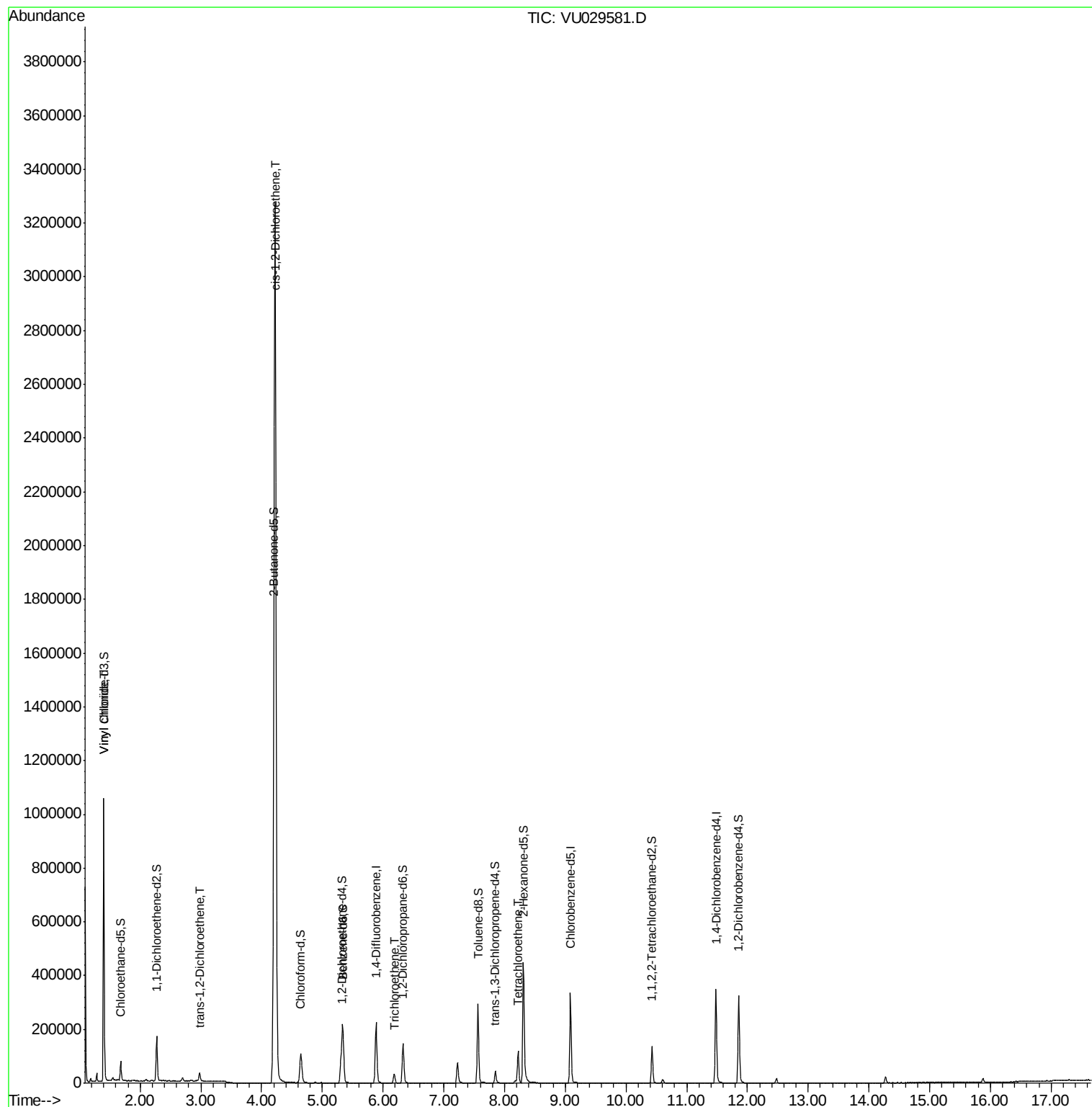
					Ovalue
5) Vinyl chloride	1.40	62	624352	32.161 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	12118	0.685 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	1902860	116.942 ug/L	97
34) Trichloroethene	6.18	95	11777	0.710 ug/L	93
47) Tetrachloroethene	8.22	164	29531	1.944 ug/L	97

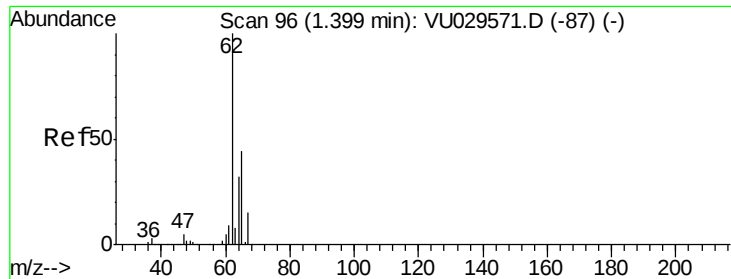
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 32.161 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029581.D

Acq: 20 Feb 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

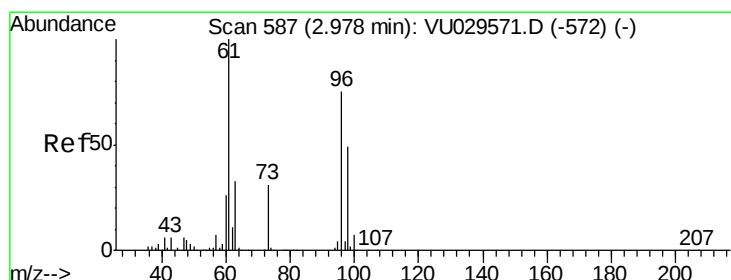
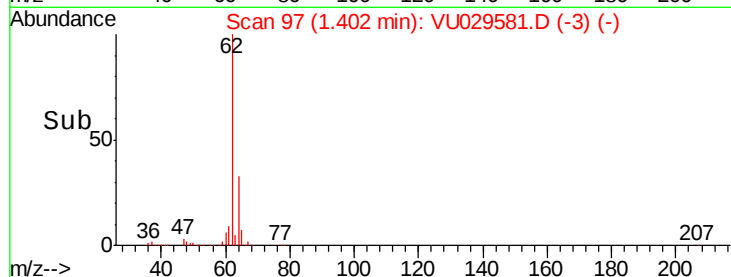
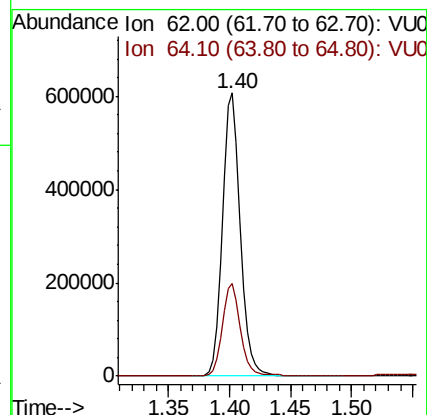
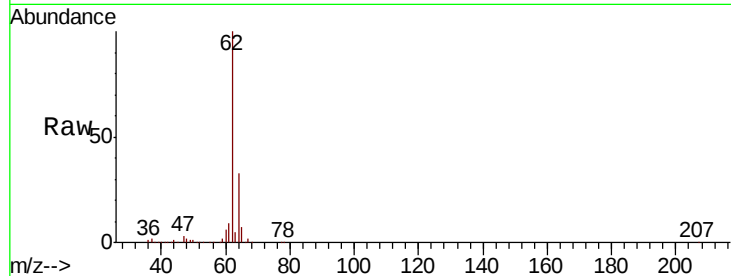
ESXE5DL

Tot Ion: 62 Resp: 624352

Ion Ratio Lower Upper

62 100

64 32.7 23.5 43.7



#18

trans-1,2-Dichloroethene

Concen: 0.685 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU029581.D

Acq: 20 Feb 2019 15:26

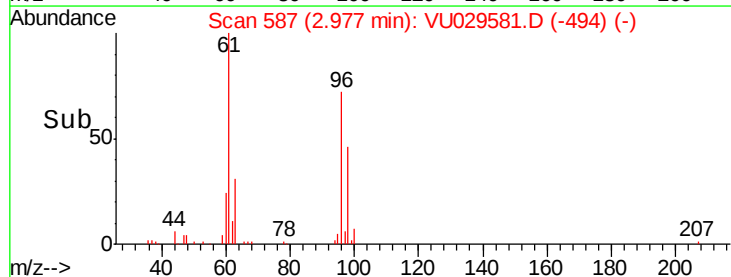
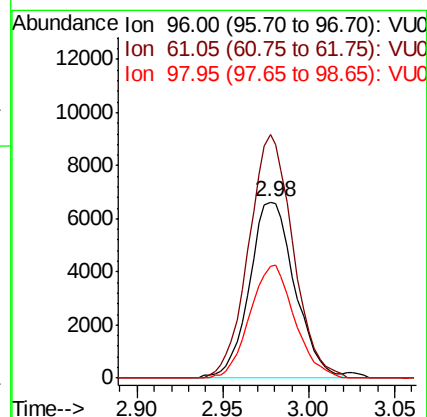
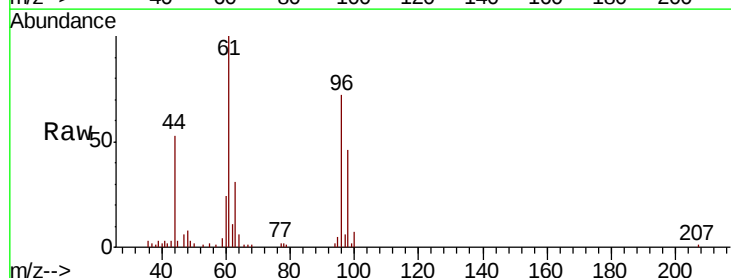
Tgt Ion: 96 Resp: 12118

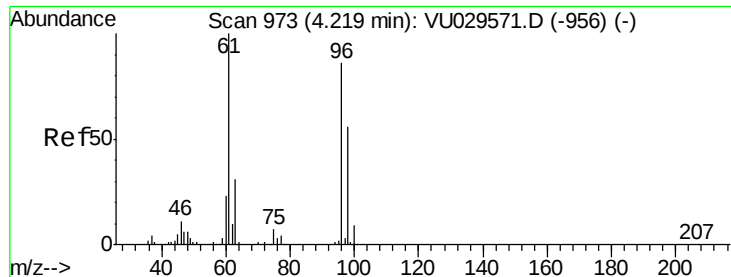
Ion Ratio Lower Upper

96 100

61 138.2 95.4 177.2

98 63.2 45.8 85.2



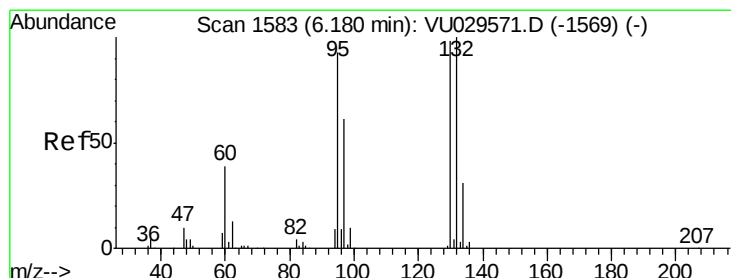
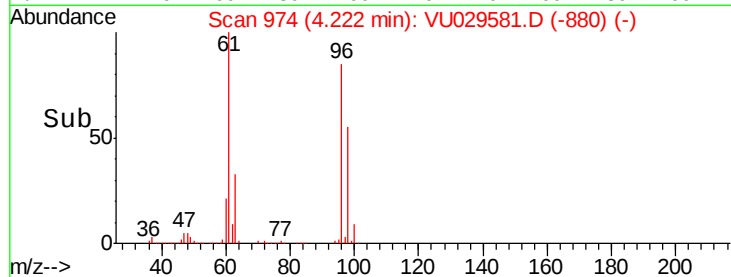
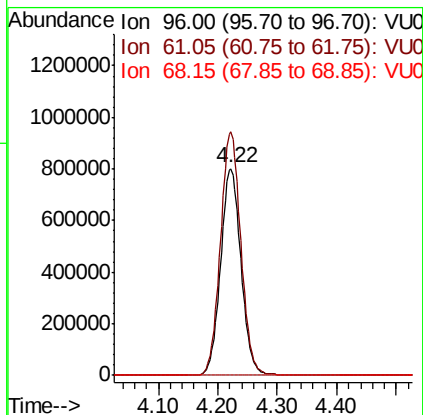
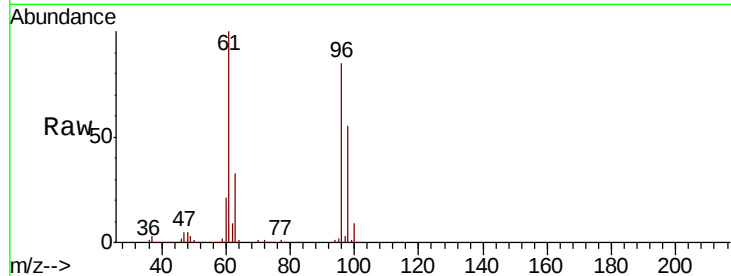


#22

cis-1,2-Dichloroethene
 Concen: 116.942 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029581.D
 Acq: 20 Feb 2019 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE5DL

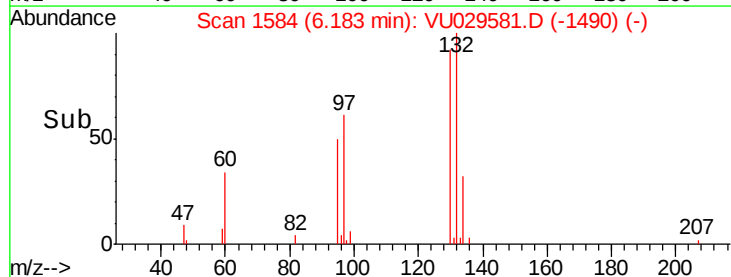
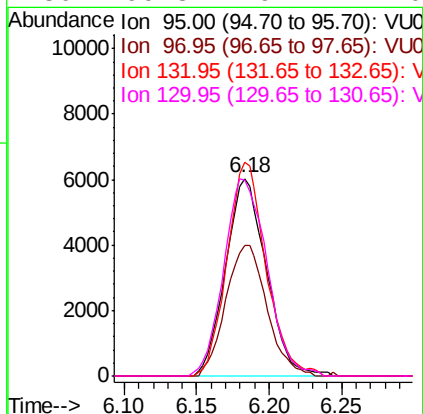
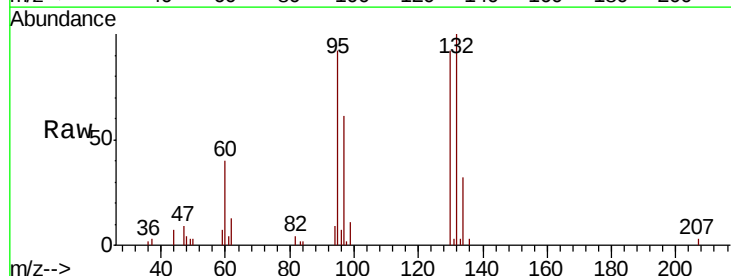
Tot Ion: 96 Resp: 1902860
 Ion Ratio Lower Upper
 96 100
 61 117.8 79.9 148.5
 68 0.0 0.0 0.0

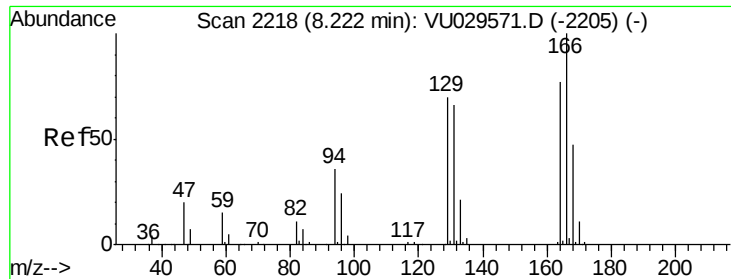


#34

Trichloroethene
 Concen: 0.710 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029581.D
 Acq: 20 Feb 2019 15:26

Tgt Ion: 95 Resp: 11777
 Ion Ratio Lower Upper
 95 100
 97 66.1 46.3 86.1
 132 108.2 72.9 135.3
 130 99.3 79.2 147.0





#47

Tetrachloroethene

Concen: 1.944 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029581.D

Acq: 20 Feb 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

ESXE5DL

Tot Ion:164 Resp: 29531

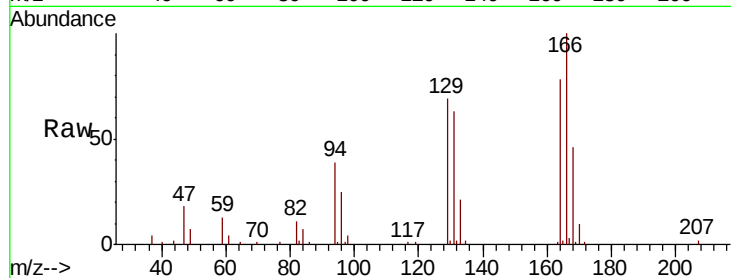
Ion Ratio Lower Upper

164 100

129 88.5 62.9 116.9

131 80.5 62.1 115.3

166 128.4 89.8 166.8



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

