

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029584.D
 Acq On : 20 Feb 2019 16:37
 Operator : JC/SP
 Sample : K1488-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE8

Quant Time: Feb 21 05:59:46 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	202120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56856	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	51303	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.27	63	81698	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.20	46	151256	53.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.65	84	108701	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.31	65	57938	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	220734	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	70322	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	208654	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	25396	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	156850	55.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63299	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	97601	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

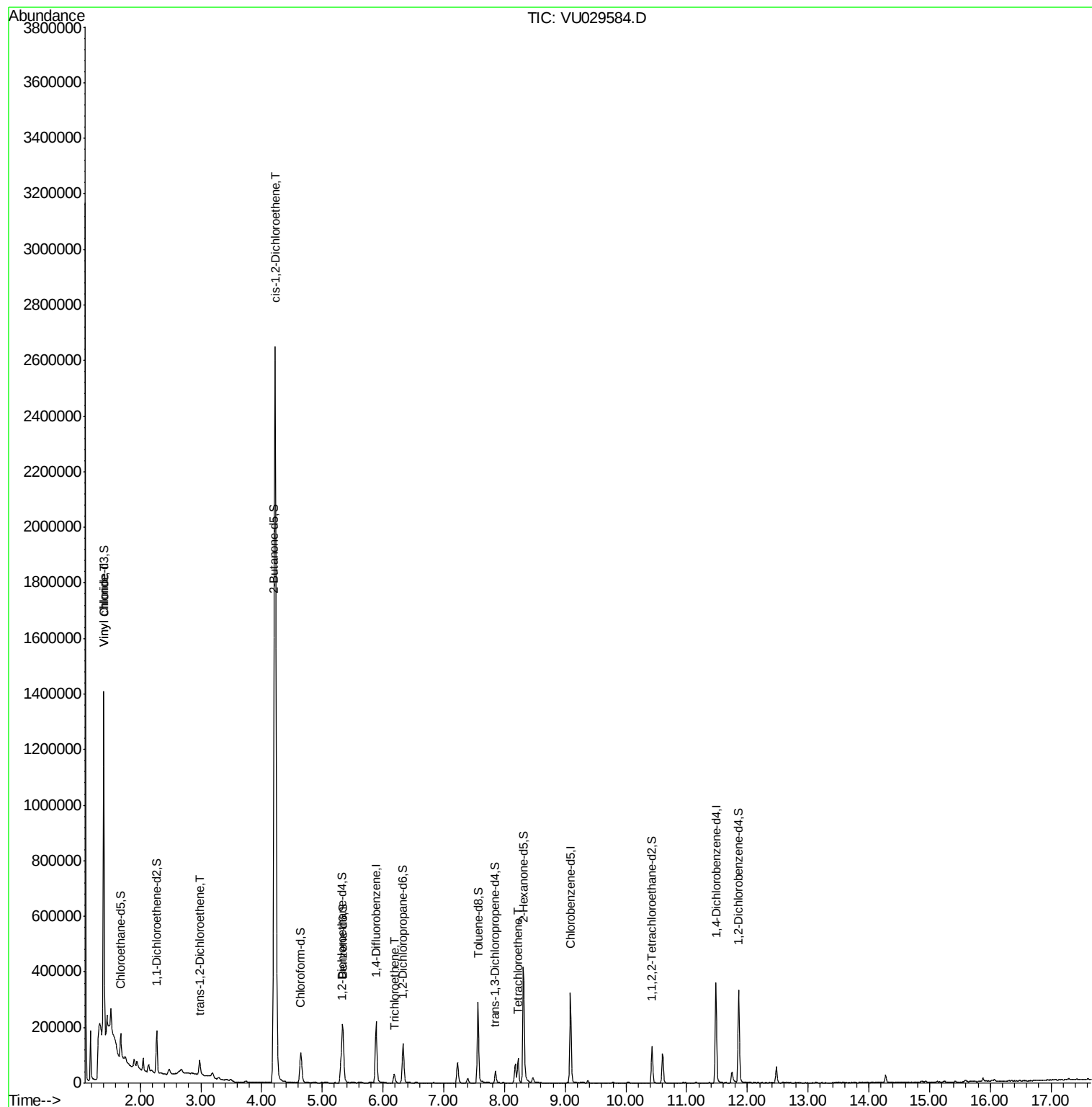
					Ovalue
5) Vinyl chloride	1.40	62	725693	37.281	ug/L # 78
18) trans-1,2-Dichloroethene	2.98	96	19849	1.119	ug/L 94
22) cis-1,2-Dichloroethene	4.22	96	1541354	94.472	ug/L 96
34) Trichloroethene	6.18	95	10879	0.680	ug/L 96
47) Tetrachloroethene	8.22	164	20239	1.381	ug/L 97

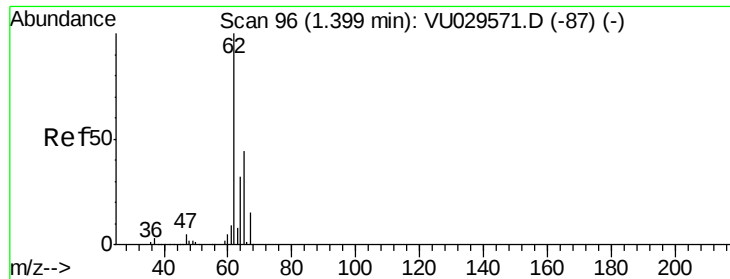
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 37.281 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029584.D

Acq: 20 Feb 2019 16:37

Instrument :

MSVOA_U

ClientSampleId :

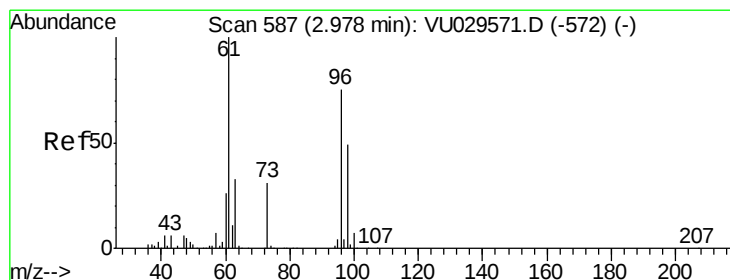
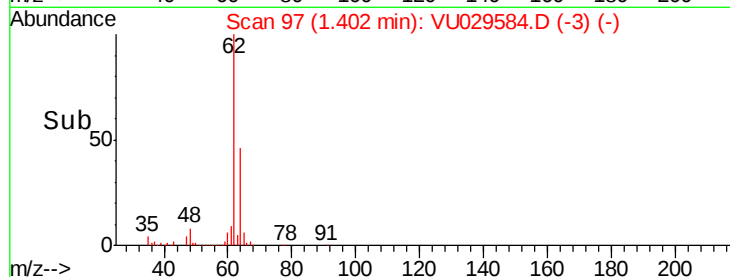
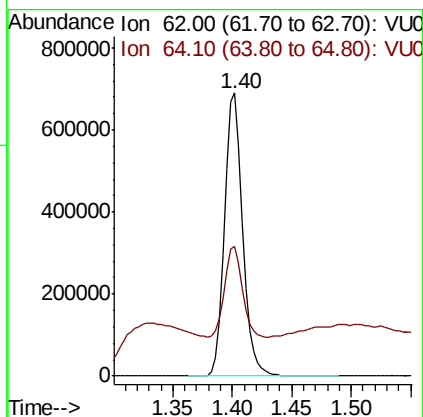
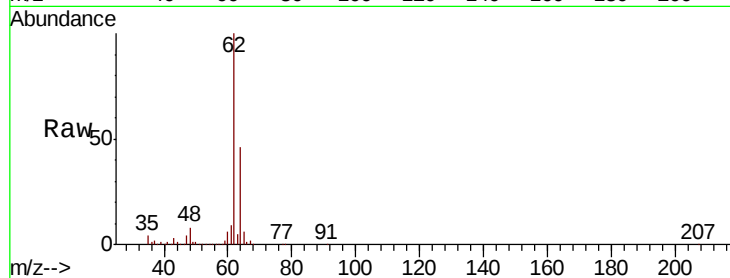
ESXE8

Tot Ion: 62 Resp: 725693

Ion Ratio Lower Upper

62 100

64 46.0 23.5 43.7#



#18

trans-1,2-Dichloroethene

Concen: 1.119 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029584.D

Acq: 20 Feb 2019 16:37

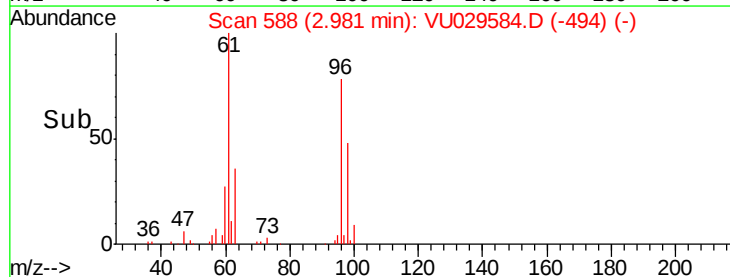
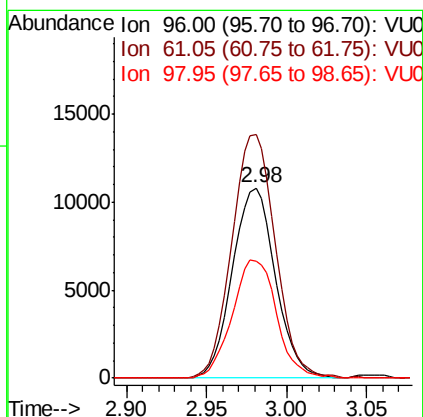
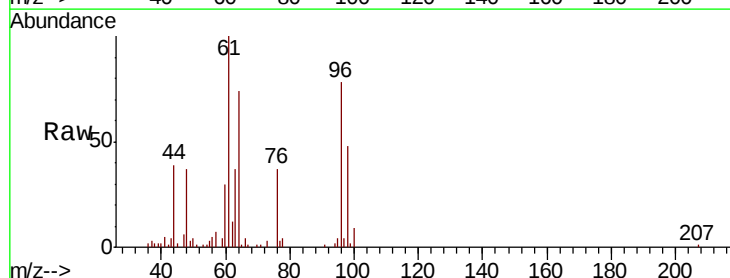
Tgt Ion: 96 Resp: 19849

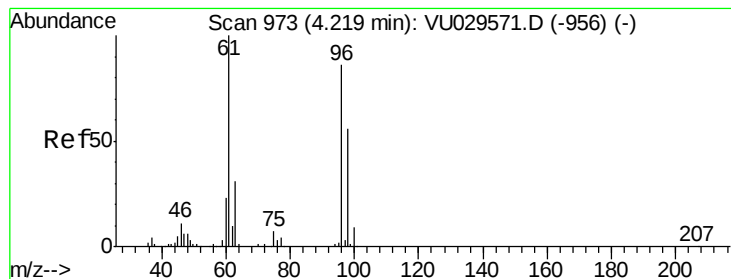
Ion Ratio Lower Upper

96 100

61 128.2 95.4 177.2

98 61.5 45.8 85.2



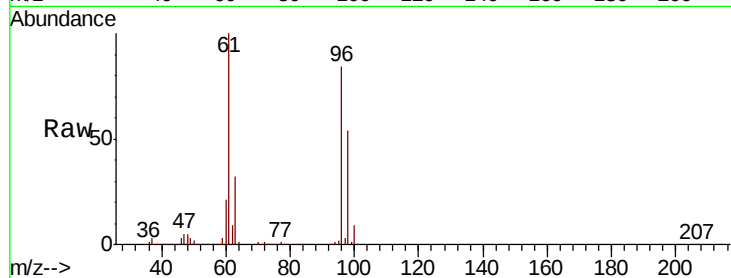


#22

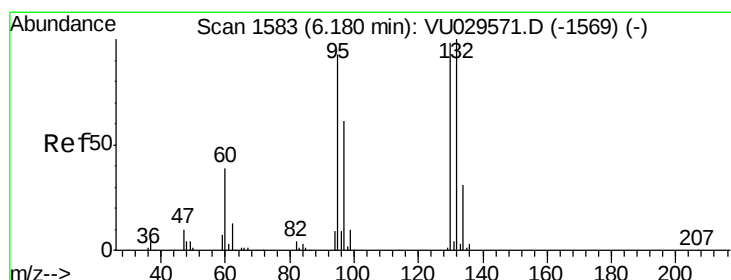
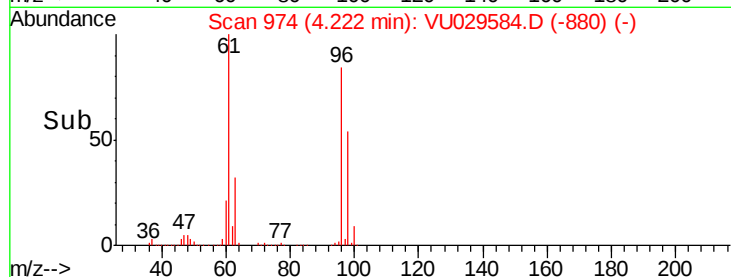
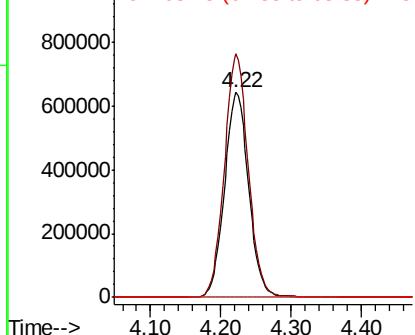
cis-1,2-Dichloroethene
 Concen: 94.472 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029584.D
 Acq: 20 Feb 2019 16:37

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE8

Tot Ion: 96 Resp: 1541354
 Ion Ratio Lower Upper
 96 100
 61 118.7 79.9 148.5
 68 0.0 0.0 0.0



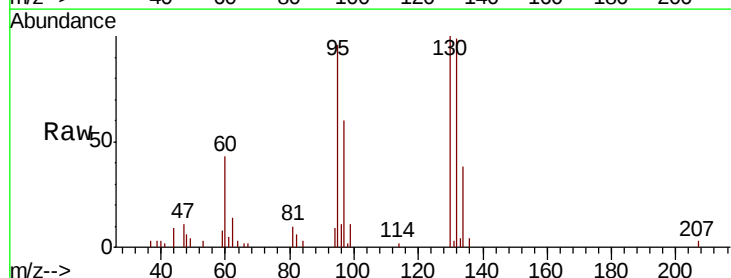
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



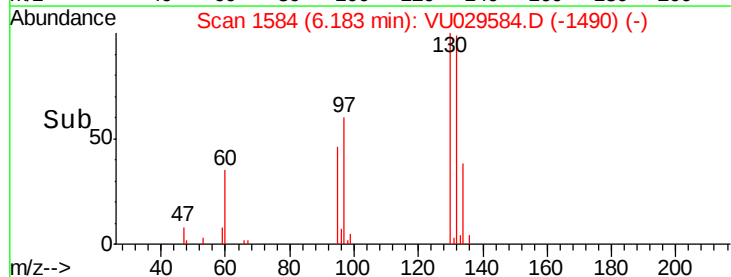
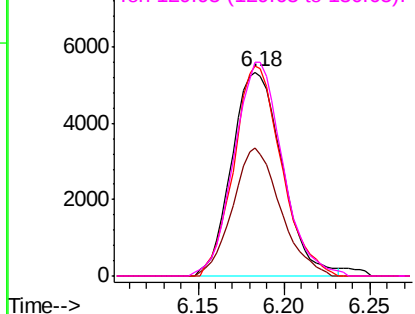
#34

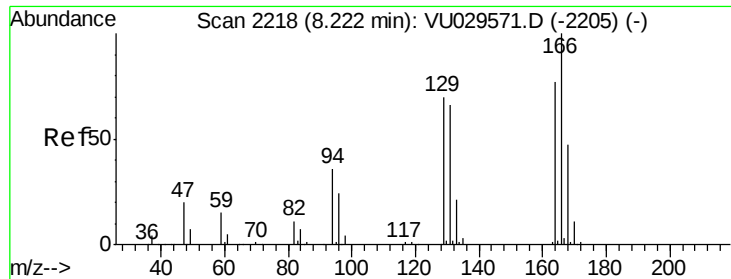
Trichloroethene
 Concen: 0.680 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029584.D
 Acq: 20 Feb 2019 16:37

Tgt Ion: 95 Resp: 10879
 Ion Ratio Lower Upper
 95 100
 97 62.7 46.3 86.1
 132 103.3 72.9 135.3
 130 104.7 79.2 147.0



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: 1.381 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029584.D

Acq: 20 Feb 2019 16:37

Instrument :
MSVOA_U
ClientSampleId :
ESXE8

Tot Ion:164 Resp: 20239

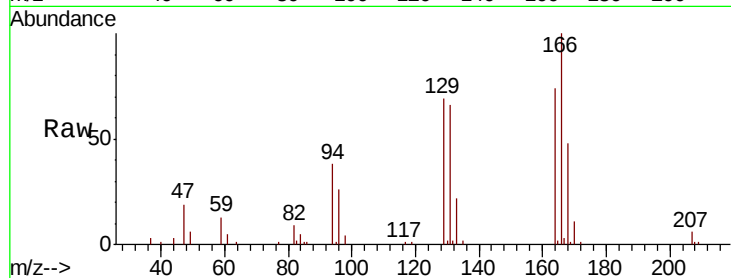
Ion Ratio Lower Upper

164 100

129 92.8 62.9 116.9

131 88.7 62.1 115.3

166 134.4 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

