

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\
 Data File : VU027859.D
 Acq On : 29 Oct 2018 16:27
 Operator : MD/SY
 Sample : J5716-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBW0

Quant Time: Oct 30 09:59:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 30 02:27:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	104838	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	97762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45107	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31687	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.70%
7) Chloroethane-d5	1.68	69	26378	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.27	63	46346	31.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.10%
21) 2-Butanone-d5	4.18	46	65363	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.65	84	63017	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.94%
26) 1,2-Dichloroethane-d4	5.31	65	46294	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.34	84	124677	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
36) 1,2-Dichloropropane-d6	6.33	67	44451	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.44%
41) Toluene-d8	7.57	98	113948	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%
43) trans-1,3-Dichloropropene-	7.85	79	20418	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.60%
47) 2-Hexanone-d5	8.31	63	47234	92.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58178	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	42755	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%

Target Compounds

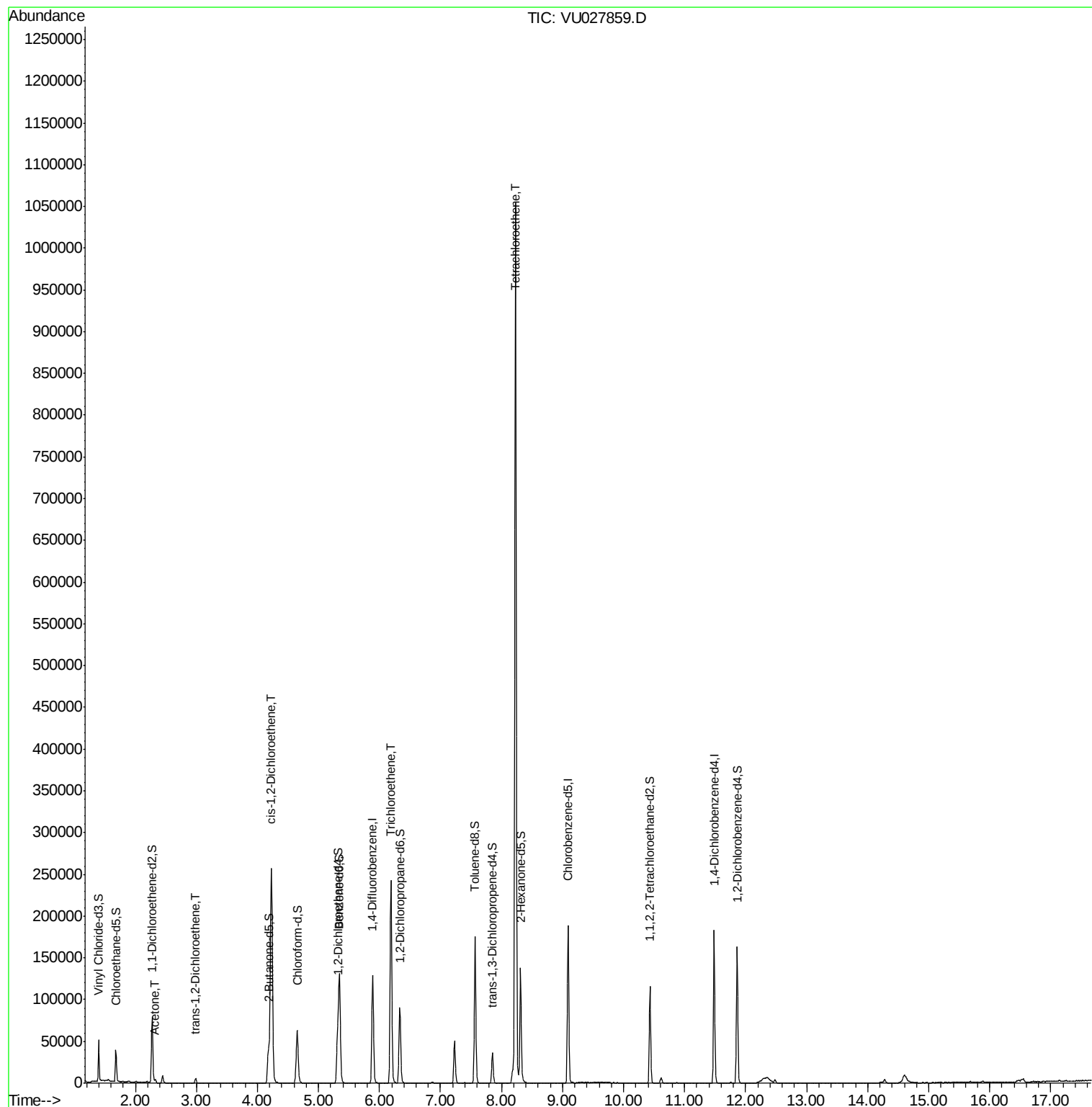
						Qvalue
13) Acetone	2.32	43	3781	7.81	ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	1997	3.09	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	135248	176.92	ug/L	99
34) Trichloroethene	6.19	95	87413	120.06	ug/L	98
46) Tetrachloroethene	8.23	164	228730	406.79	ug/L	95

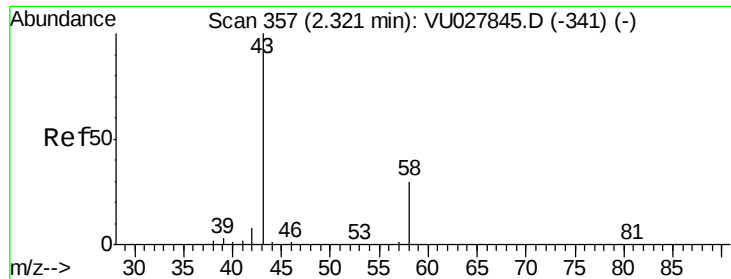
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.81 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027859.D

Acq: 29 Oct 2018 16:27

Instrument :

MSVOA_U

ClientSampleId :

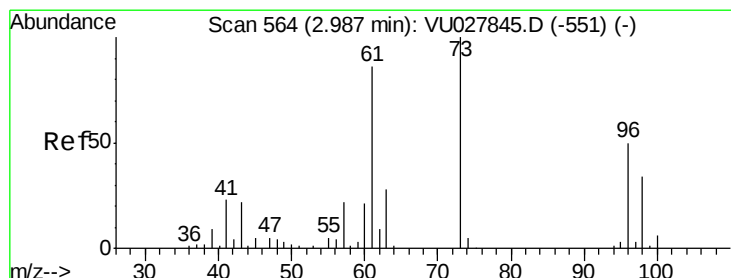
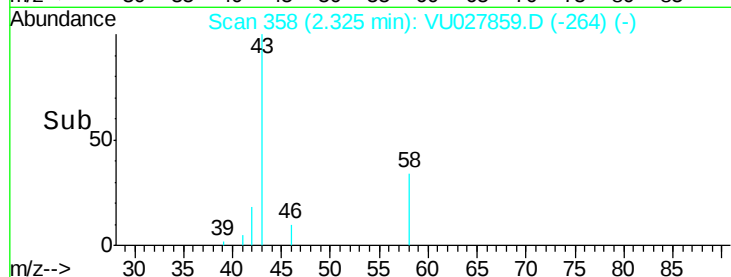
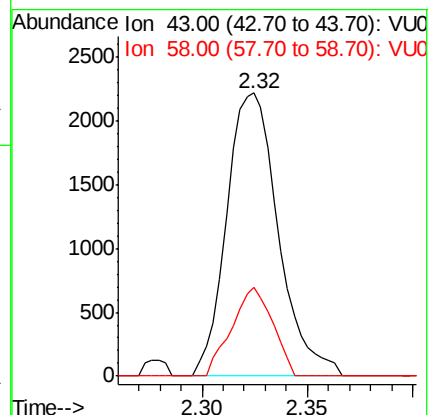
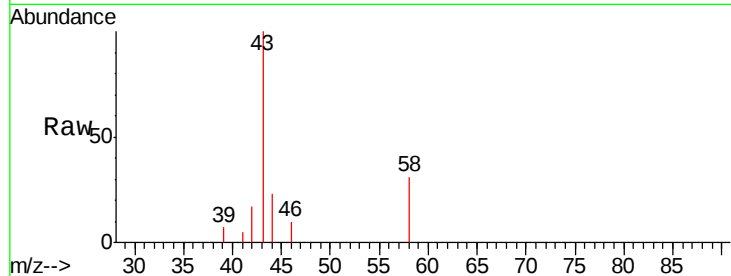
ETBW0

Tgt Ion: 43 Resp: 3781

Ion Ratio Lower Upper

43 100

58 24.8 0.0 57.4



#17

trans-1,2-Dichloroethene

Concen: 3.09 ug/L

RT: 2.99 min Scan# 565

Delta R.T. 0.00 min

Lab File: VU027859.D

Acq: 29 Oct 2018 16:27

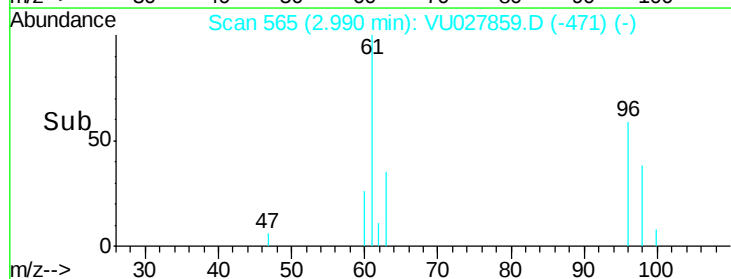
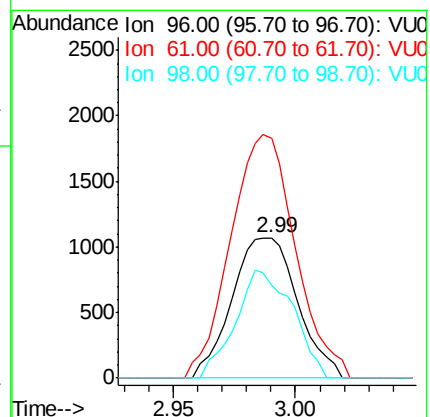
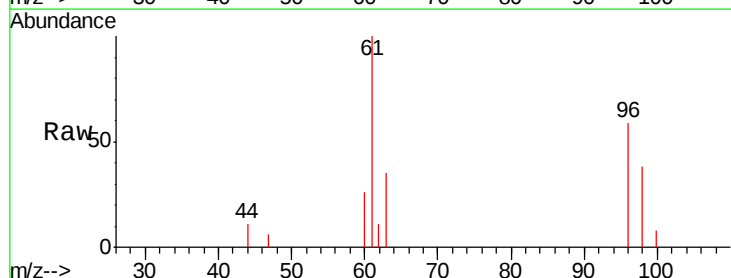
Tgt Ion: 96 Resp: 1997

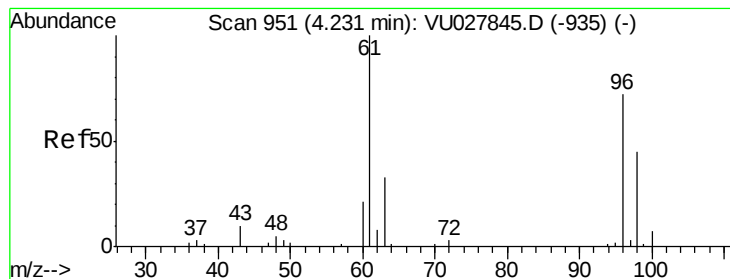
Ion Ratio Lower Upper

96 100

61 170.9 114.7 212.9

98 65.7 42.2 78.4





#20

cis-1,2-Dichloroethene

Concen: 176.92 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027859.D

Acq: 29 Oct 2018 16:27

Instrument :

MSVOA_U

ClientSampleId :

ETBW0

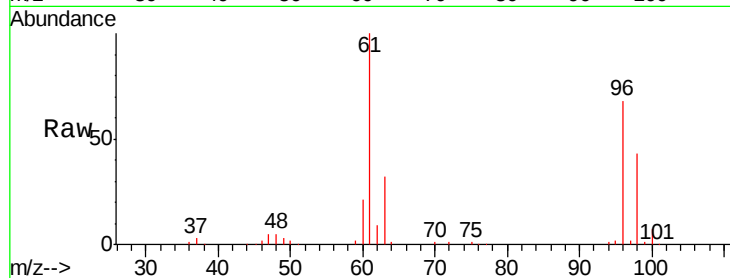
Tgt Ion: 96 Resp: 135248

Ion Ratio Lower Upper

96 100

61 147.3 104.2 193.4

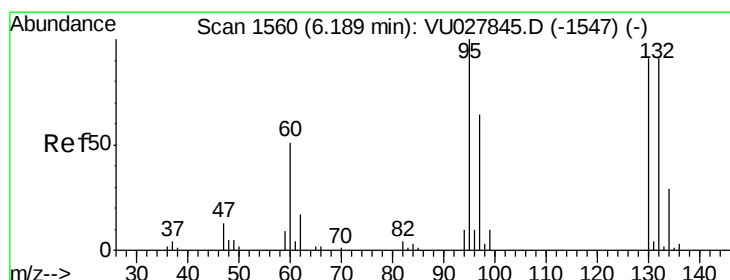
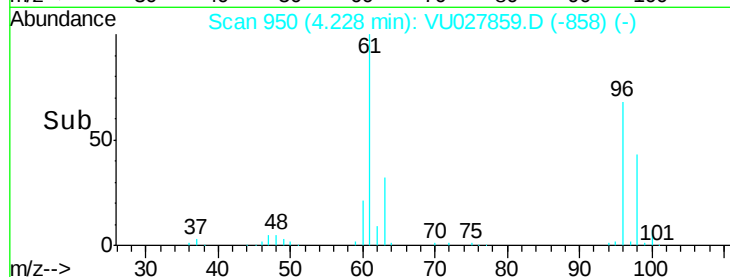
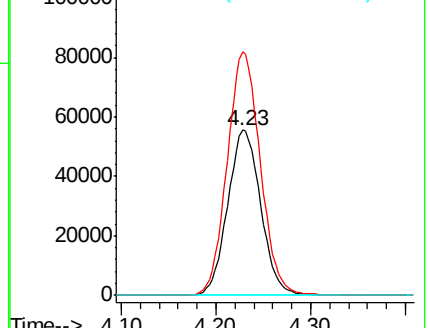
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 120.06 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027859.D

Acq: 29 Oct 2018 16:27

Tgt Ion: 95 Resp: 87413

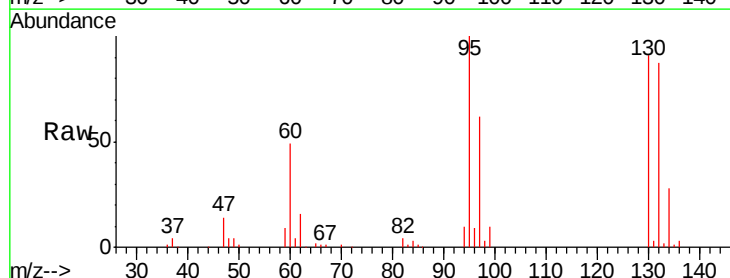
Ion Ratio Lower Upper

95 100

97 62.0 45.8 85.2

132 87.4 62.1 115.3

130 91.0 65.0 120.6

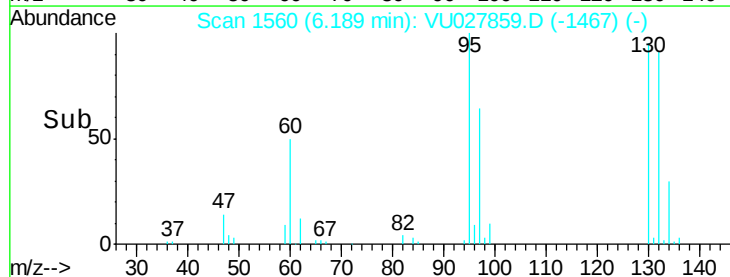
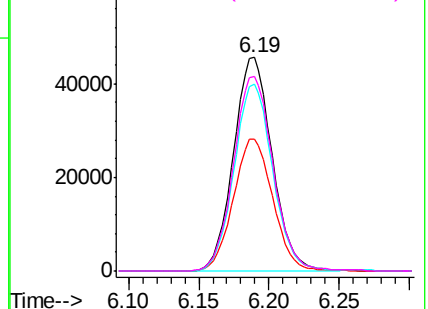


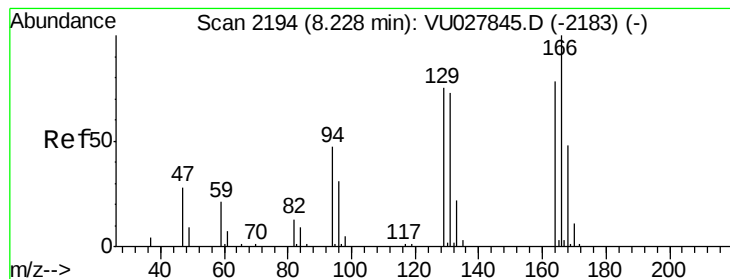
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 406.79 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027859.D

Acq: 29 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
ETBW0

Tgt Ion:164 Resp: 228730

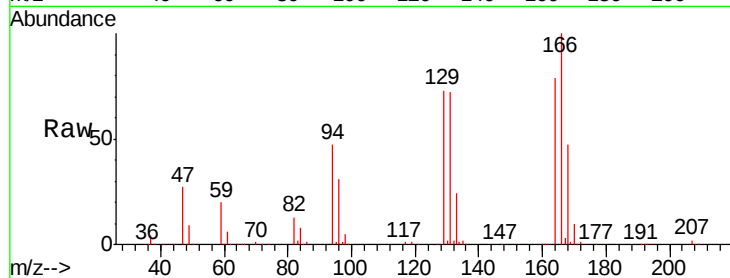
Ion Ratio Lower Upper

164 100

129 93.1 68.5 127.3

131 91.2 67.1 124.5

166 126.9 92.2 171.2



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

