

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032021.D
 Acq On : 15 May 2019 11:02
 Operator : JC/SP
 Sample : K2738-11DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB896DL

Quant Time: May 16 05:15:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1030865	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1037263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	409216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373479	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.58%
7) Chloroethane-d5	1.68	69	322158	43.99	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.98%
11) 1,1-Dichloroethene-d2	2.27	63	536115	33.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.12%
21) 2-Butanone-d5	4.17	46	573301	90.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.51%
24) Chloroform-d	4.64	84	680146	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.31	65	438505	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.34	84	1445808	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.32	67	477676	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.56	98	1238735	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%
43) trans-1,3-Dichloropropene-	7.85	79	191929	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.31	63	363212	90.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	660009	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	432935	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%

Target Compounds

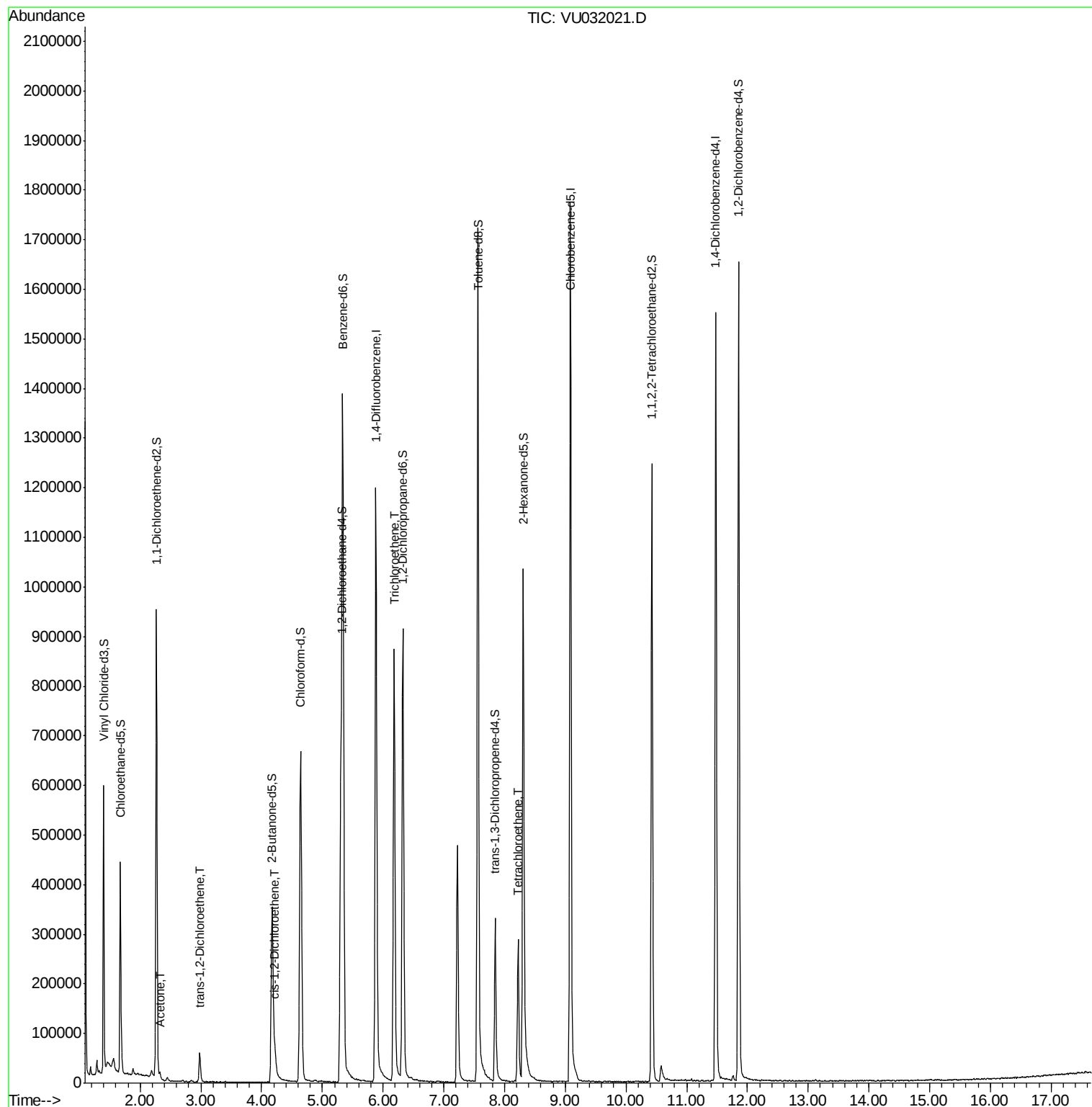
					Ovalue
13) Acetone	2.32	43	6914	1.062 ug/L	88
17) trans-1,2-Dichloroethene	2.98	96	23569	2.976 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	16434	1.876 ug/L	89
34) Trichloroethene	6.18	95	329732	39.187 ug/L	99
46) Tetrachloroethene	8.22	164	68840	11.588 ug/L	96

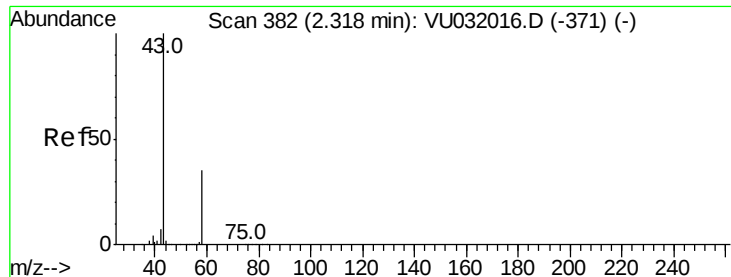
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.062 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032021.D

Acq: 15 May 2019 11:02

Instrument :

MSVOA_U

ClientSampleId :

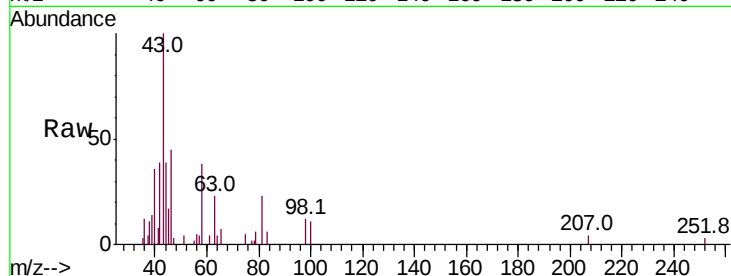
DB896DL

Tot Ion: 43 Resp: 6914

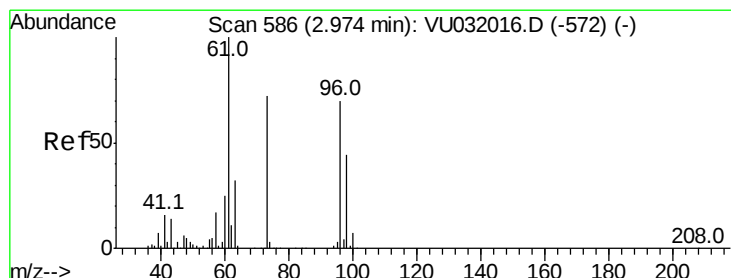
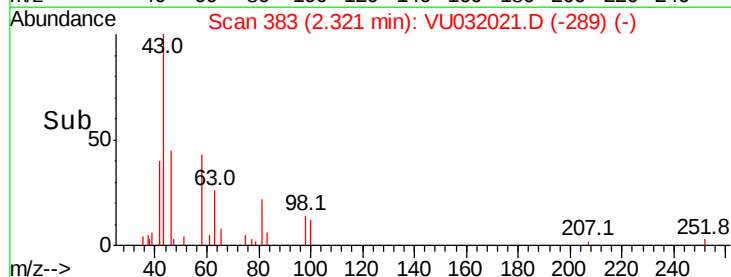
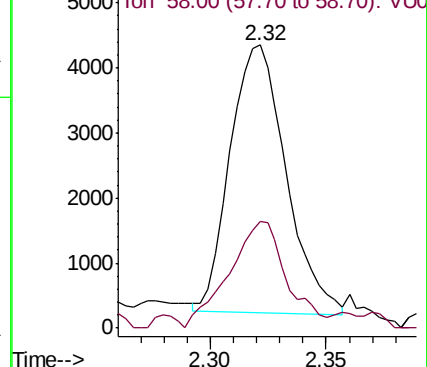
Ion Ratio Lower Upper

43 100

58 41.0 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU032021.D (-289) (-)



#17

trans-1,2-Dichloroethene

Concen: 2.976 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU032021.D

Acq: 15 May 2019 11:02

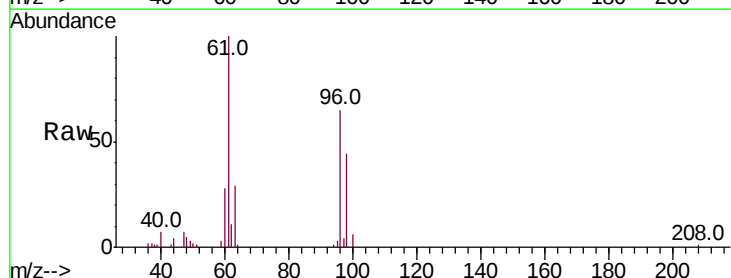
Tgt Ion: 96 Resp: 23569

Ion Ratio Lower Upper

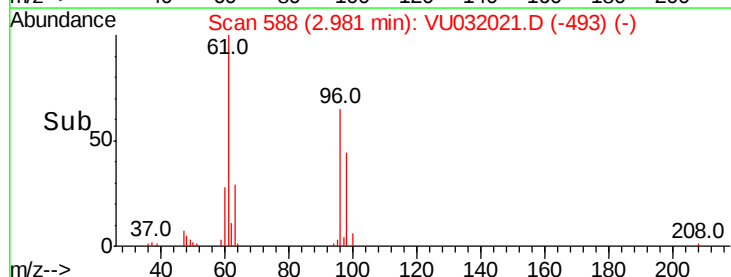
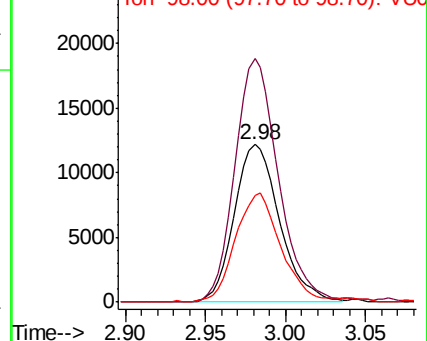
96 100

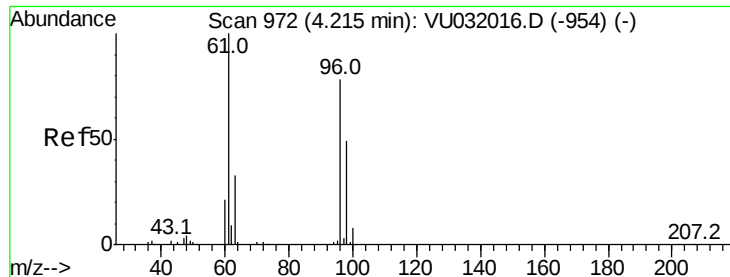
61 154.8 103.2 191.6

98 68.2 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU032021.D (-493) (-)

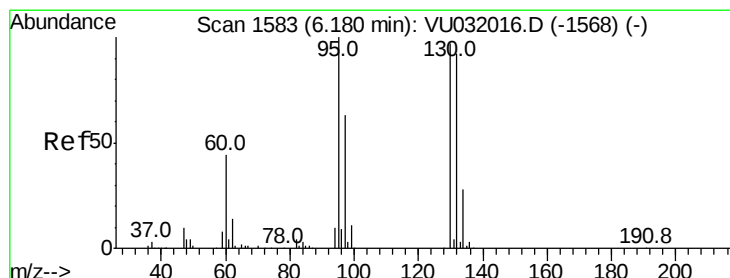
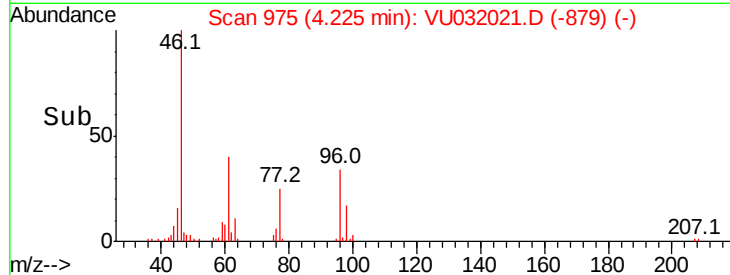
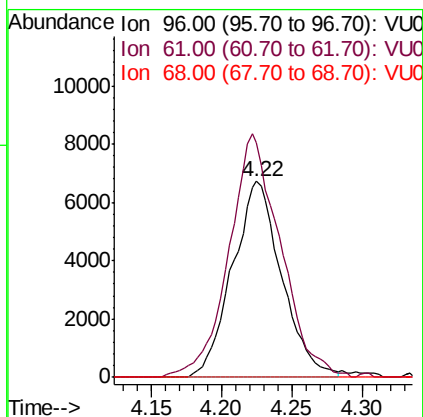
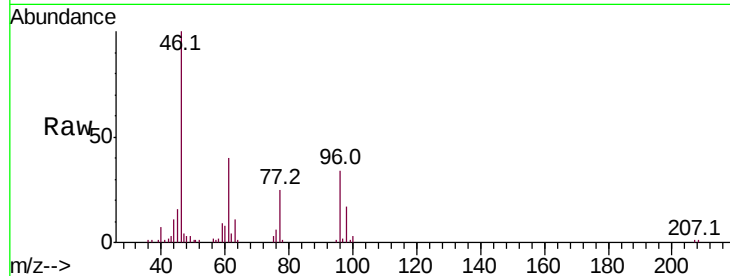




#20
 cis-1,2-Dichloroethene
 Concen: 1.876 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU032021.D
 Acq: 15 May 2019 11:02

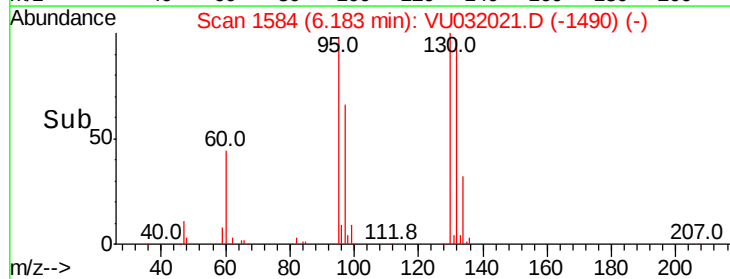
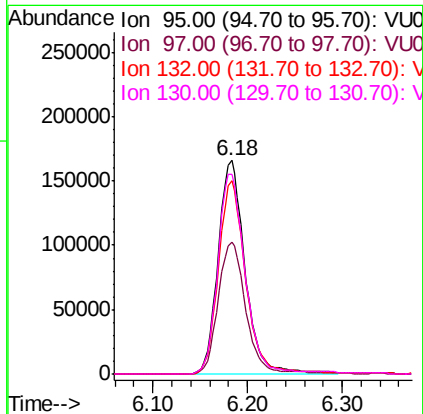
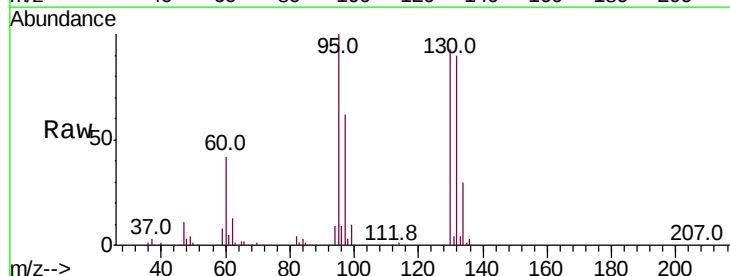
Instrument :
 MSVOA_U
 ClientSampled :
 DB896DL

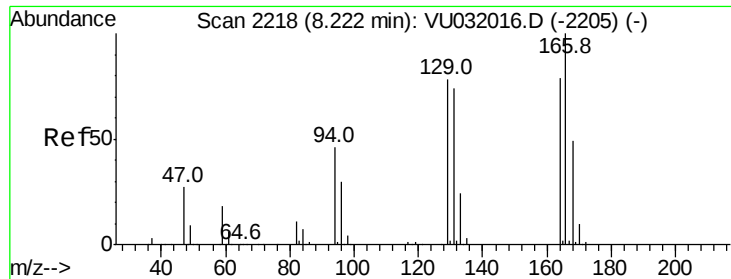
Tot Ion: 96 Resp: 16434
 Ion Ratio Lower Upper
 96 100
 61 119.7 93.0 172.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 39.187 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032021.D
 Acq: 15 May 2019 11:02

Tgt Ion: 95 Resp: 329732
 Ion Ratio Lower Upper
 95 100
 97 61.9 44.9 83.3
 132 90.4 63.5 117.9
 130 93.4 66.2 123.0





#46

Tetrachloroethene

Concen: 11.588 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032021.D

Acq: 15 May 2019 11:02

Instrument :

MSVOA_U

ClientSampleId :

DB896DL

Tot Ion:164 Resp: 68840

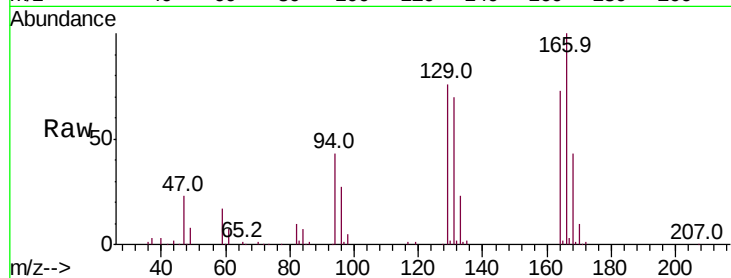
Ion Ratio Lower Upper

164 100

129 103.9 70.9 131.7

131 95.0 67.4 125.2

166 136.5 90.2 167.4



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

