

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012645.D
 Acq On : 10 Sep 2019 01:21
 Operator : SY/MD
 Sample : K4724-06
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDA7

Quant Time: Sep 20 23:24:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	376598	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123619	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	108105	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	150782	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.97	46	372154	60.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.08%
24) Chloroform-d	4.40	84	236847	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	123053	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.10	84	446464	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	152190	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	358246	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	46140	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	203248	53.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112187	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	142776	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

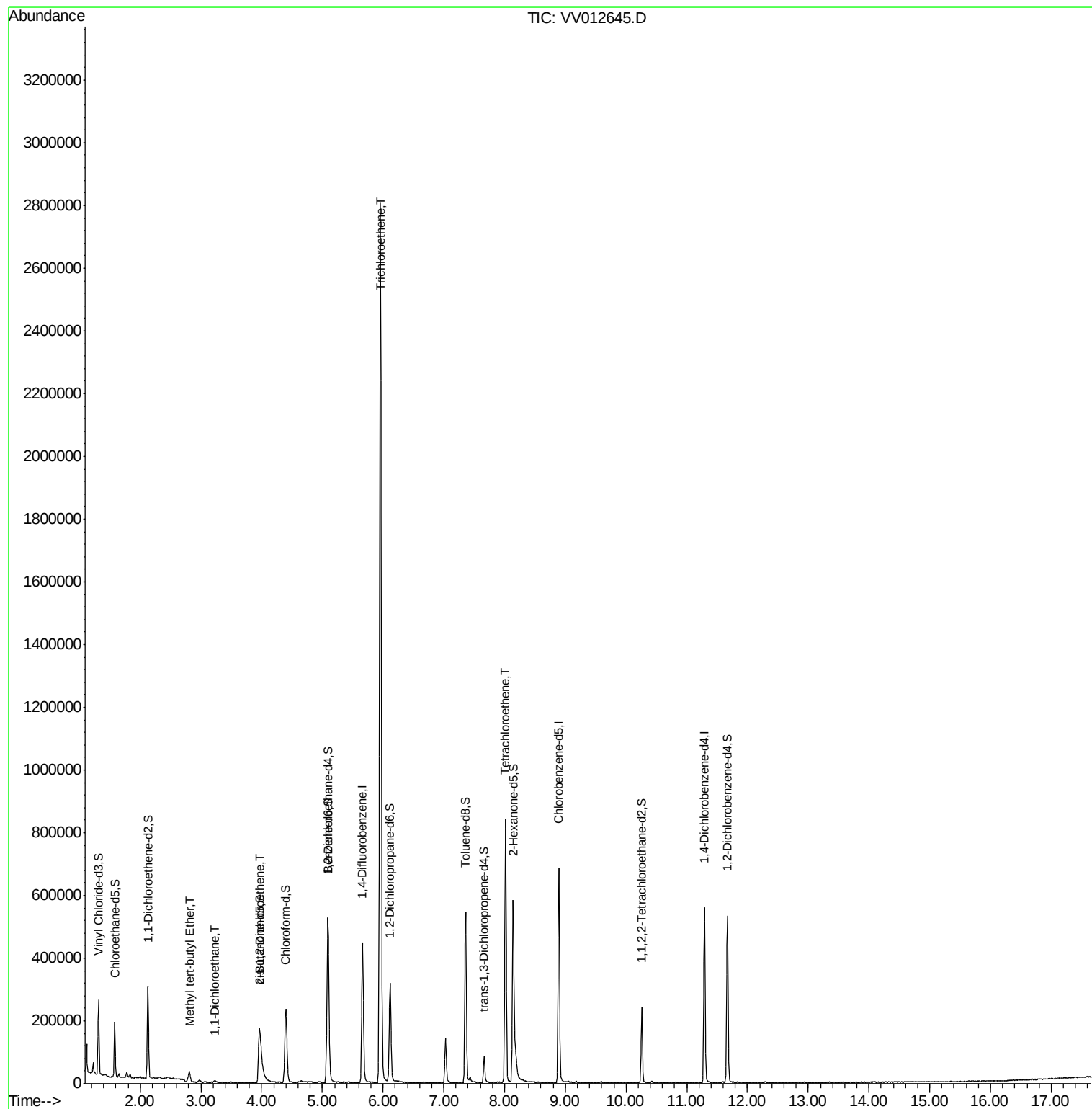
					Ovalue
17) Methyl tert-butyl Ether	2.81	73	32916	0.600 ug/L #	92
19) 1,1-Dichloroethane	3.23	63	5669	0.114 ug/L #	89
22) cis-1,2-Dichloroethene	3.96	96	10316	0.361 ug/L	99
34) Trichloroethene	5.96	95	960447	31.196 ug/L	97
47) Tetrachloroethene	8.02	164	190111	7.866 ug/L	99

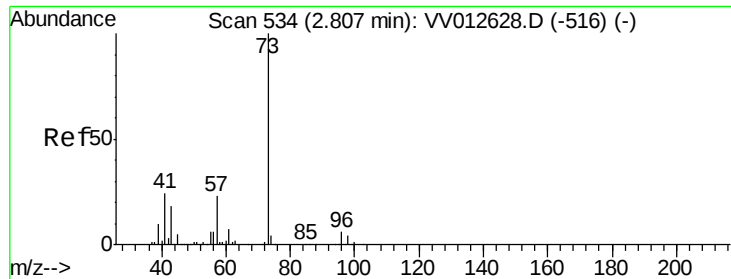
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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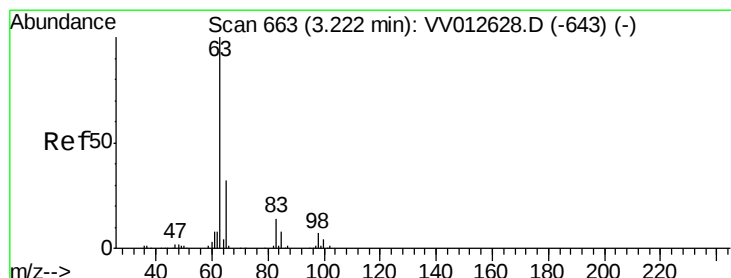
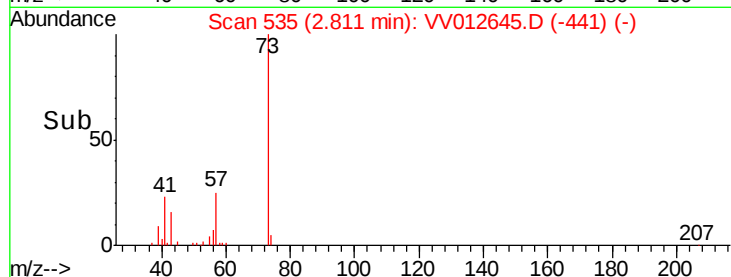
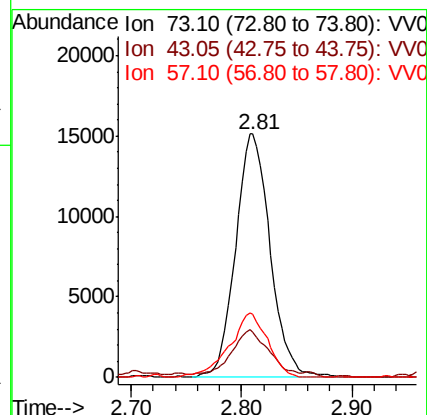
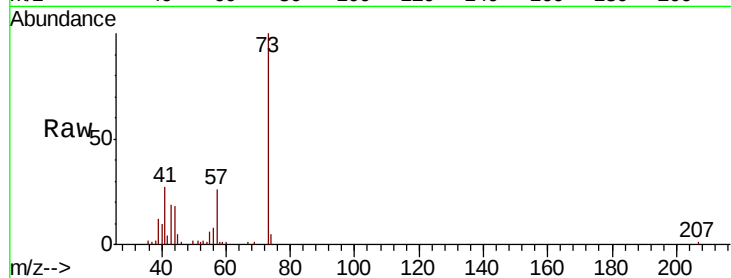




#17
Methvl tert-butvl Ether
Concen: 0.600 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012645.D
Acq: 10 Sep 2019 01:21

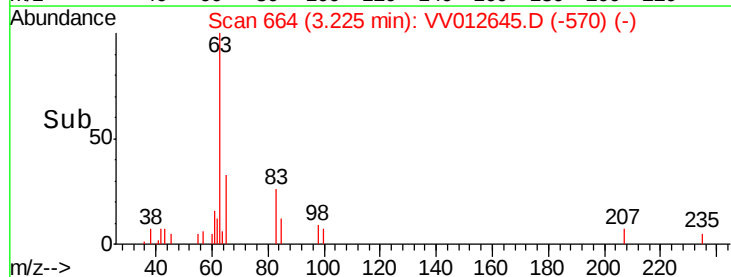
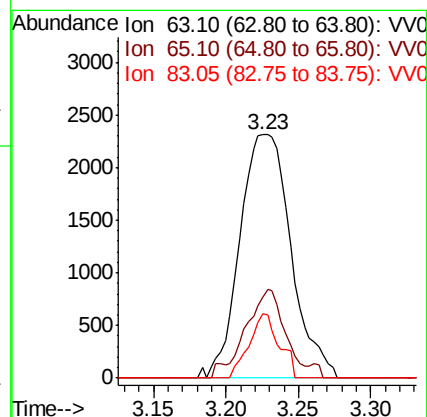
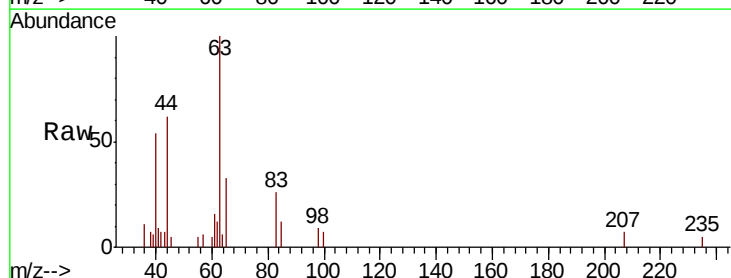
Instrument :
MSVOA_V
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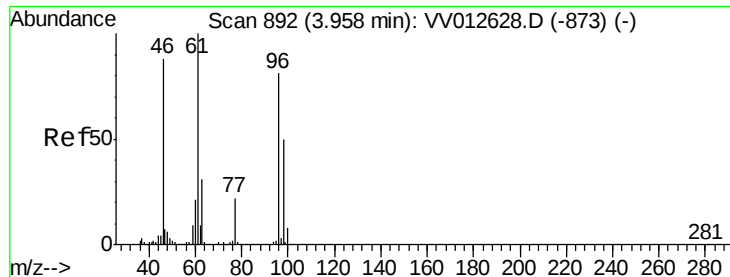
Tot Ion: 73 Resp: 32916
Ion Ratio Lower Upper
73 100
43 18.7 14.6 21.8
57 29.1 18.2 27.2#



#19
1,1-Dichloroethane
Concen: 0.114 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV012645.D
Acq: 10 Sep 2019 01:21

Tgt Ion: 63 Resp: 5669
Ion Ratio Lower Upper
63 100
65 33.4 22.7 42.3
83 26.5 9.1 16.9#



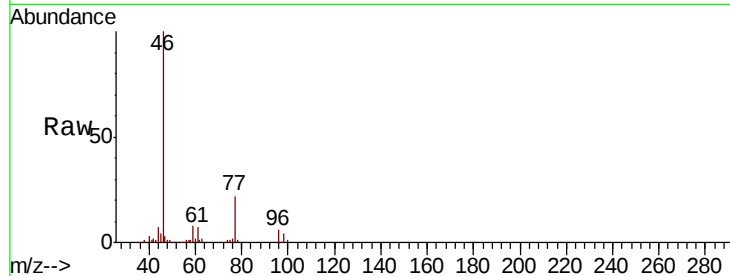


#22

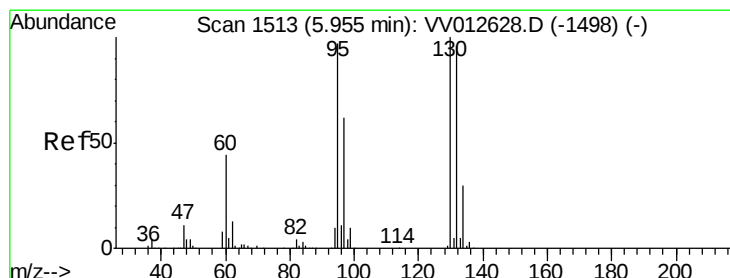
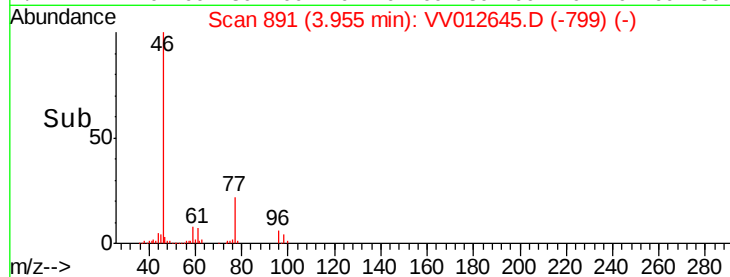
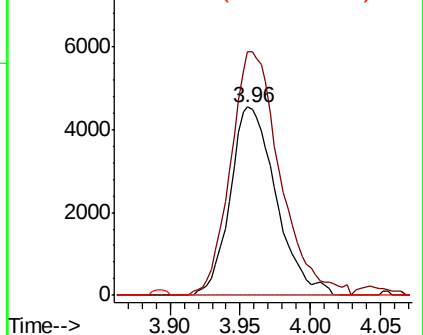
cis-1,2-Dichloroethene
Concen: 0.361 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV012645.D
Acq: 10 Sep 2019 01:21

Instrument :
MSVOA_V
ClientSampleId :
BFDA7

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.1	89.7	166.5
68	0.0	0.0	0.0



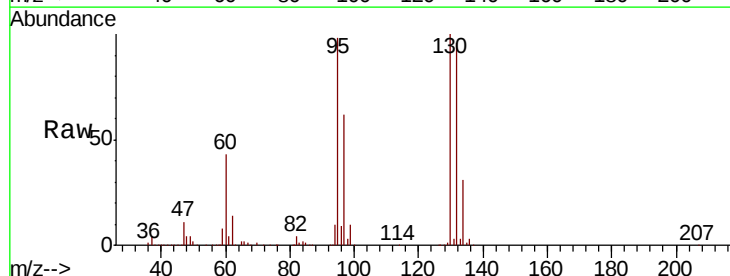
Abundance Ion 96.00 (95.70 to 96.70): VV012628.D (-873) (-)
Ion 61.05 (60.75 to 61.75): VV012628.D (-873) (-)
Ion 68.15 (67.85 to 68.85): VV012628.D (-873) (-)



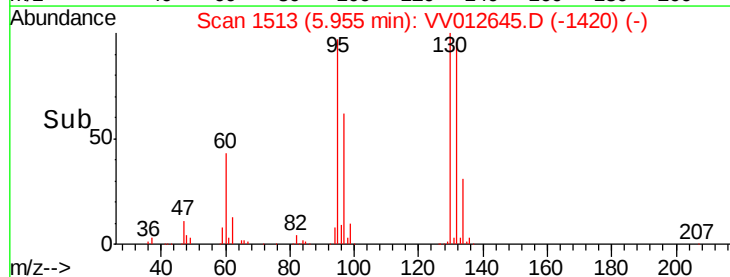
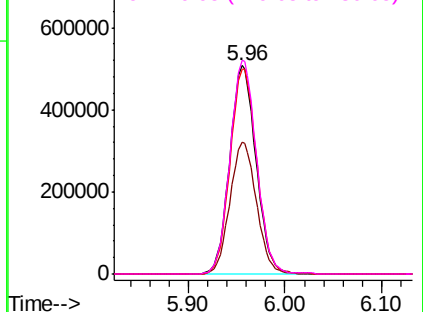
#34

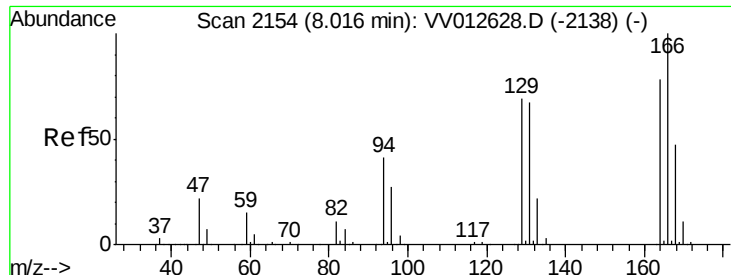
Trichloroethene
Concen: 31.196 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV012645.D
Acq: 10 Sep 2019 01:21

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.4	84.2
132	98.4	70.2	130.4
130	102.5	74.2	137.8



Abundance Ion 95.00 (94.70 to 95.70): VV012628.D (-1498) (-)
Ion 96.95 (96.65 to 97.65): VV012628.D (-1498) (-)
Ion 131.95 (131.65 to 132.65): VV012628.D (-1498) (-)
Ion 129.95 (129.65 to 130.65): VV012628.D (-1498) (-)





#47

Tetrachloroethene

Concen: 7.866 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012645.D

Acq: 10 Sep 2019 01:21

Instrument :
MSVOA_V
ClientSampleId :
BFDA7

Tot Ion:164 Resp: 190111

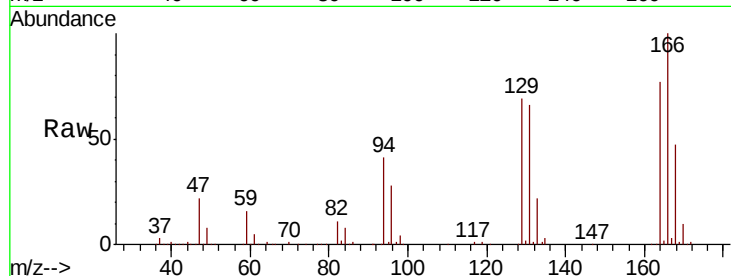
Ion Ratio Lower Upper

164 100

129 89.8 61.9 114.9

131 86.3 59.7 110.9

166 130.0 90.4 167.8



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

