

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011282.D
 Acq On : 07 Jun 2019 09:35
 Operator : SY/MD
 Sample : K3228-06
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P05

Quant Time: Jun 08 00:34:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 08 00:01:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52331	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.55	69	43414	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.12	63	80639	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.94	46	150966	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	4.40	84	97121	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	56508	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.09	84	193962	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.12	67	61378	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	171835	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	18109	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.13	63	119220	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44773	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	56176	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

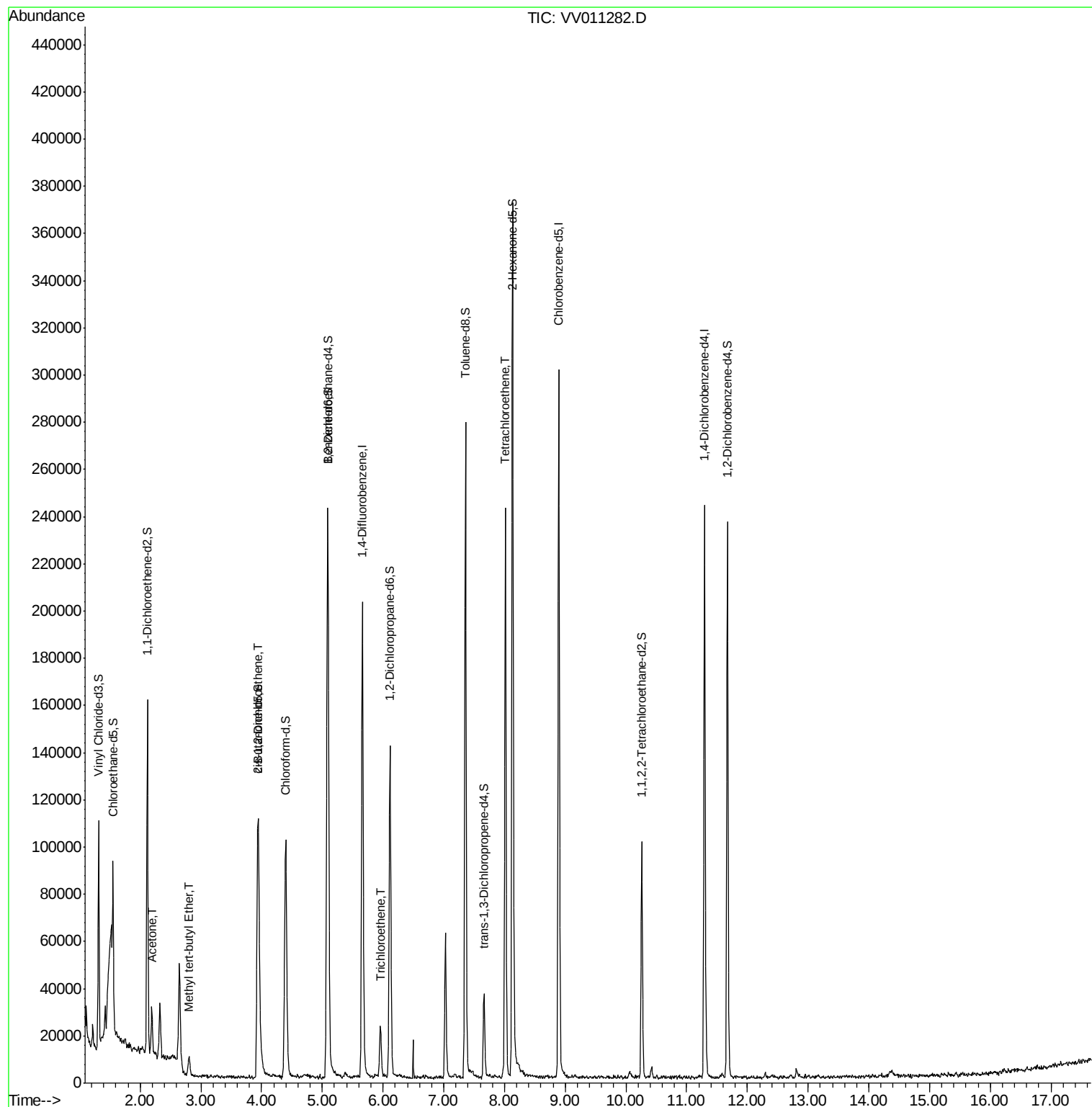
					Ovalue
13) Acetone	2.19	43	13726	7.538 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	7914	0.296 ug/L #	88
22) cis-1,2-Dichloroethene	3.95	96	14926	1.200 ug/L	88
34) Trichloroethene	5.96	95	7359	0.605 ug/L	98
47) Tetrachloroethene	8.02	164	47796	5.434 ug/L	97

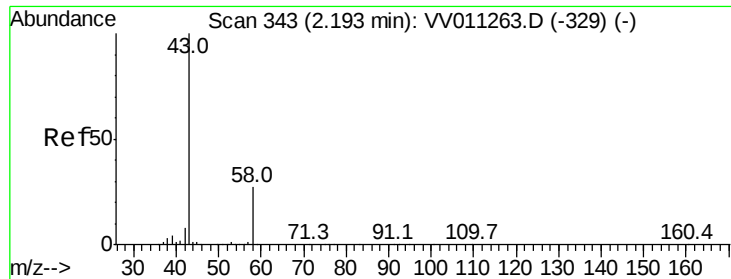
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.538 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011282.D

Acq: 07 Jun 2019 09:35

Instrument :

MSVOA_V

ClientSampleId :

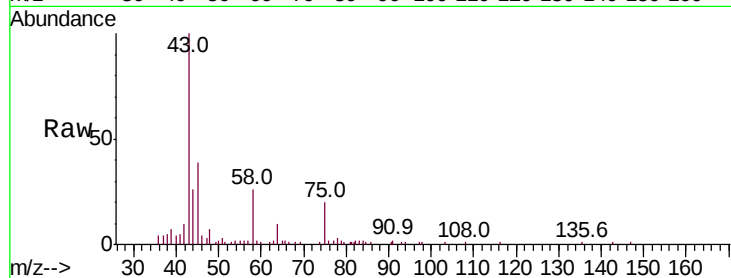
F9P05

Tot Ion: 43 Resp: 13726

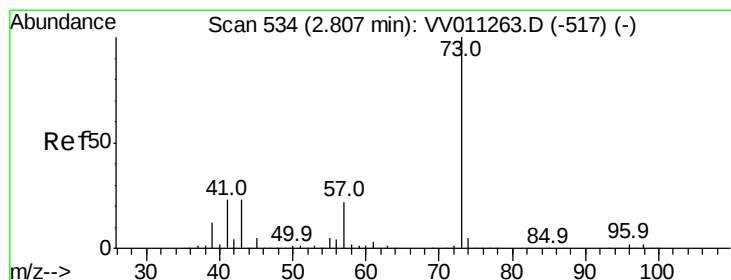
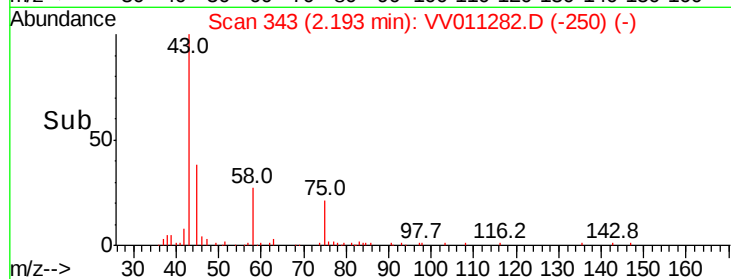
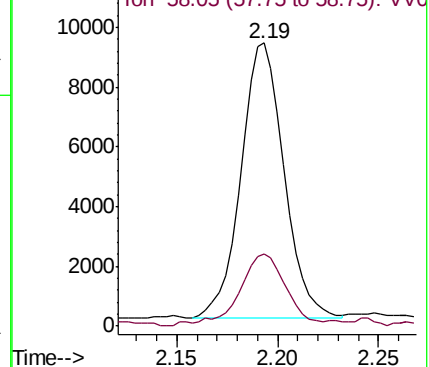
Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011263.D (-329) (-)



#17

Methyl tert-butyl Ether

Concen: 0.296 ug/L

RT: 2.81 min Scan# 534

Delta R.T. -0.00 min

Lab File: VV011282.D

Acq: 07 Jun 2019 09:35

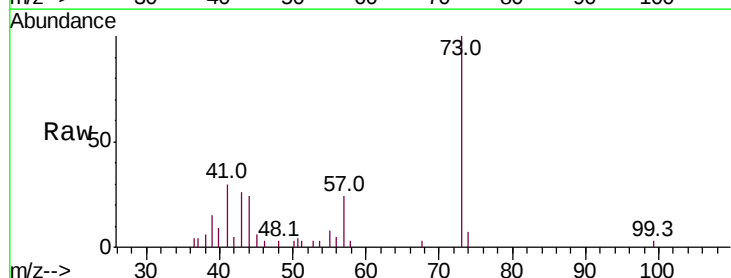
Tgt Ion: 73 Resp: 7914

Ion Ratio Lower Upper

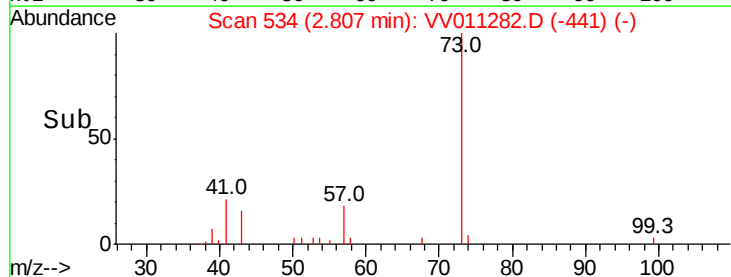
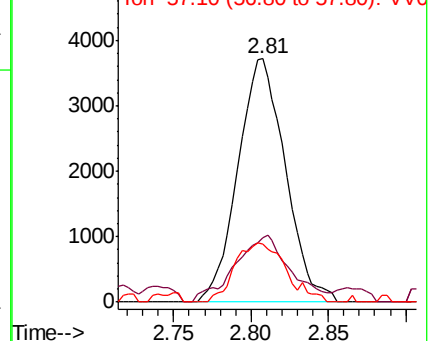
73 100

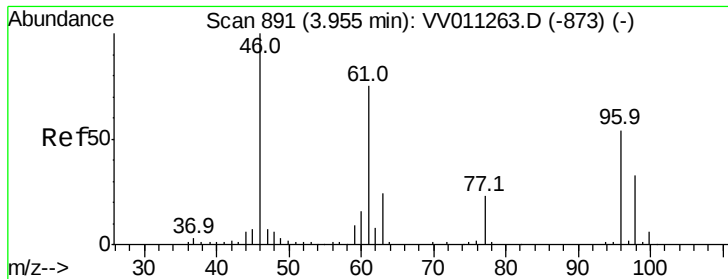
43 31.7 18.7 28.1#

57 26.1 18.1 27.1



Abundance Ion 73.10 (72.80 to 73.80): VV011263.D (-517) (-)



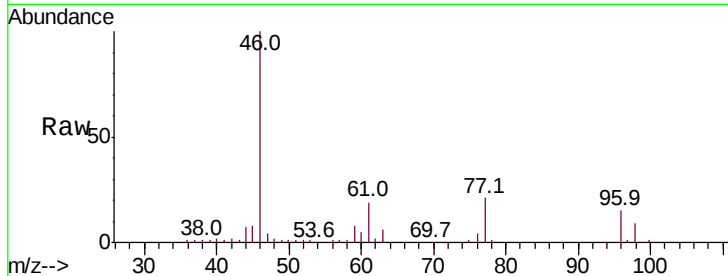


#22

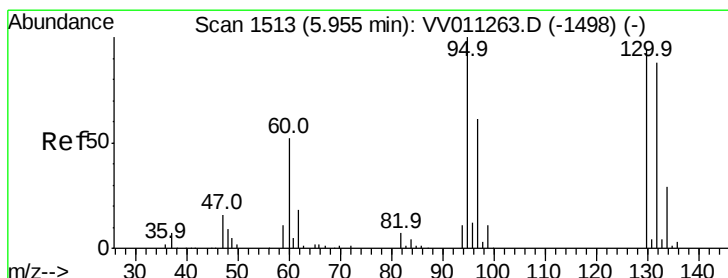
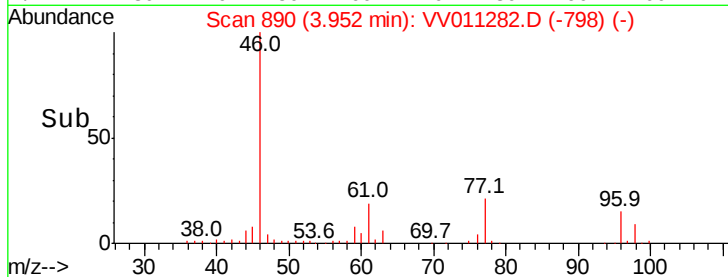
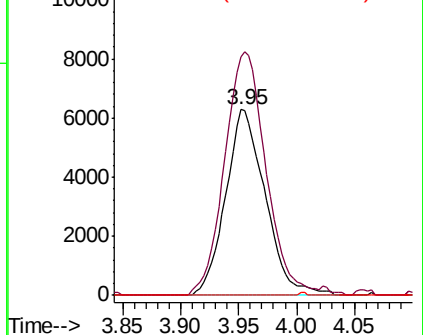
cis-1,2-Dichloroethene
Concen: 1.200 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument :
MSVOA_V
ClientSampled :
F9P05

Tot Ion: 96 Resp: 14926
Ion Ratio Lower Upper
96 100
61 128.8 100.8 187.2
68 0.0 0.0 0.0



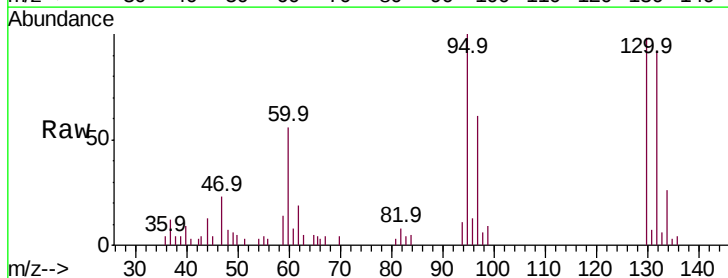
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



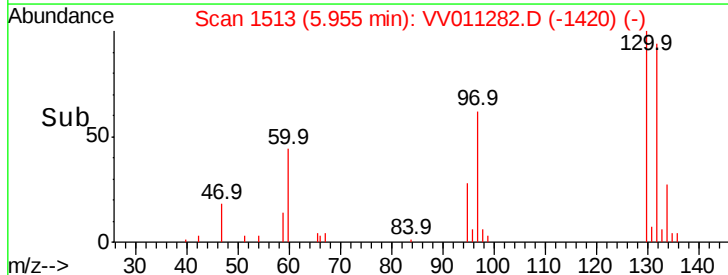
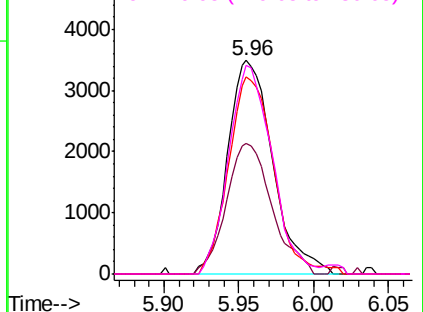
#34

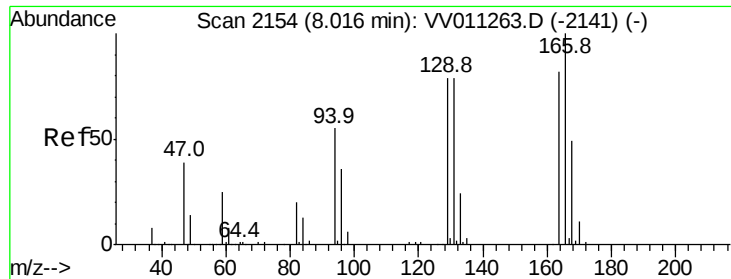
Trichloroethene
Concen: 0.605 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 95 Resp: 7359
Ion Ratio Lower Upper
95 100
97 61.2 45.8 85.2
132 92.4 66.4 123.2
130 97.9 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 5.434 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011282.D

Acq: 07 Jun 2019 09:35

Instrument :

MSVOA_V

ClientSampleId :

F9P05

Tot Ion:164 Resp: 47796

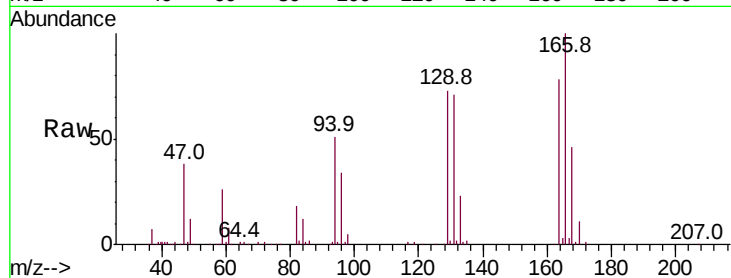
Ion Ratio Lower Upper

164 100

129 93.7 69.9 129.9

131 91.6 66.8 124.2

166 128.7 90.2 167.6



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

