

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050719\
 Data File : VU031806.D
 Acq On : 07 May 2019 15:51
 Operator : JC/SP
 Sample : K2690-24
 Misc : 6.29g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5168

Quant Time: May 21 05:28:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	719452	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	666536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	192732	32.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.02%
7) Chloroethane-d5	1.67	69	144838	31.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.26%#
11) 1,1-Dichloroethene-d2	2.24	63	307672	25.66	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.32%#
21) 2-Butanone-d5	4.21	46	512714	93.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	4.64	84	446554	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
26) 1,2-Dichloroethane-d4	5.30	65	336870	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.33	84	815747	39.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.72%
36) 1,2-Dichloropropane-d6	6.33	67	322360	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.56	98	648627	36.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.76%#
43) trans-1,3-Dichloropropene-	7.85	79	126710	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.33	63	329324	105.66	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	422210	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	228946	39.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.42%#

Target Compounds

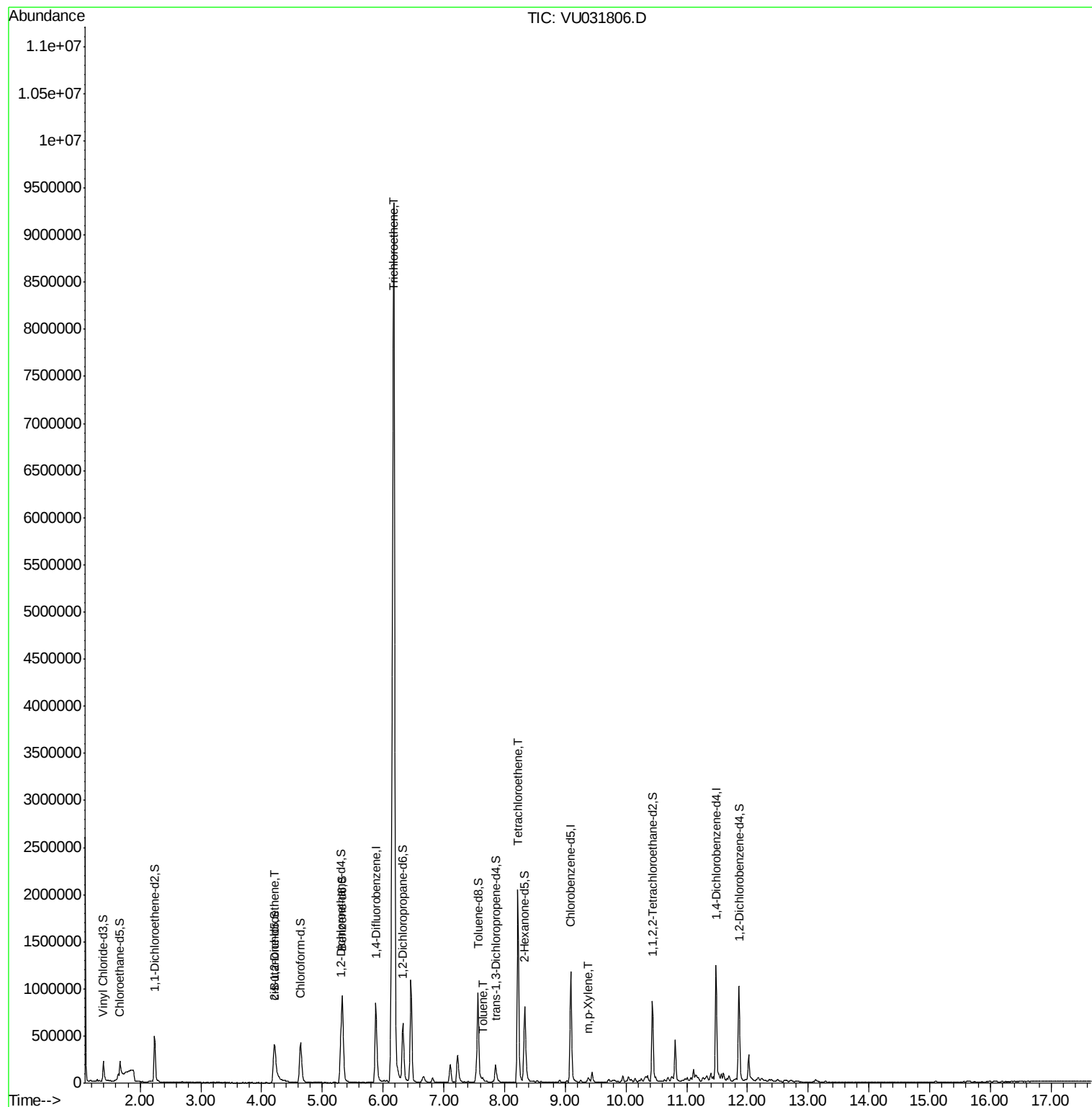
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	135661	21.623	ug/L 89
34) Trichloroethene	6.18	95	3240414	545.497	ug/L 93
42) Toluene	7.64	91	22217	0.910	ug/L 98
46) Tetrachloroethene	8.22	164	433259	106.985	ug/L 96
53) m,p-Xylene	9.38	106	13318	1.510	ug/L 90

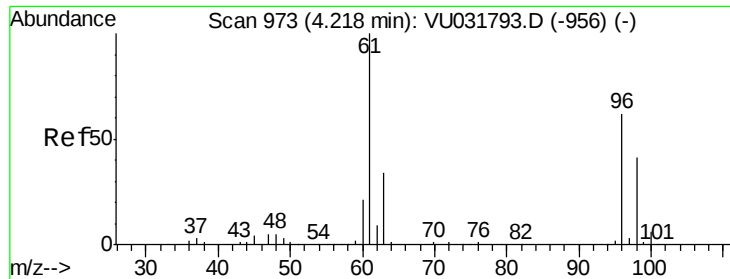
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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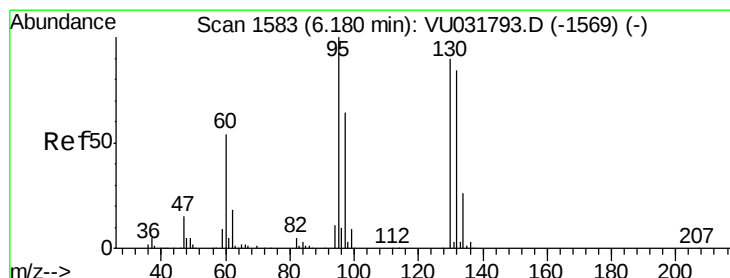
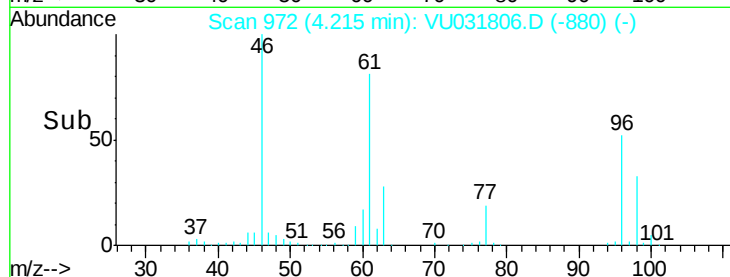
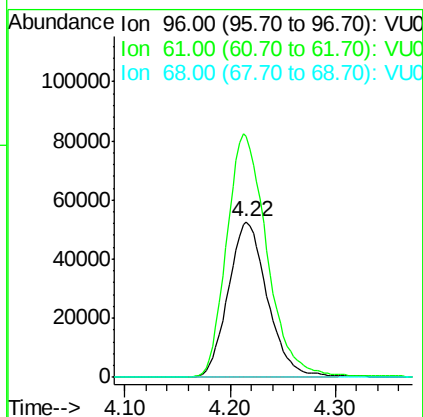
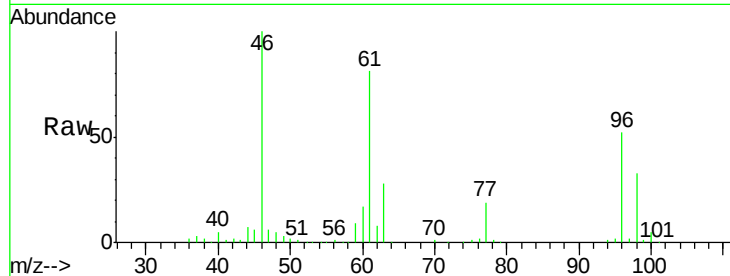




#20
 cis-1,2-Dichloroethene
 Concen: 21.623 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031806.D
 Acq: 07 May 2019 15:51

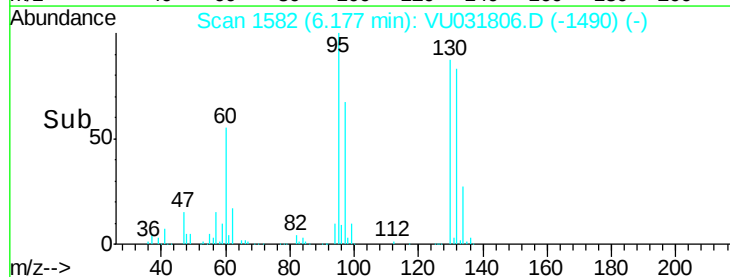
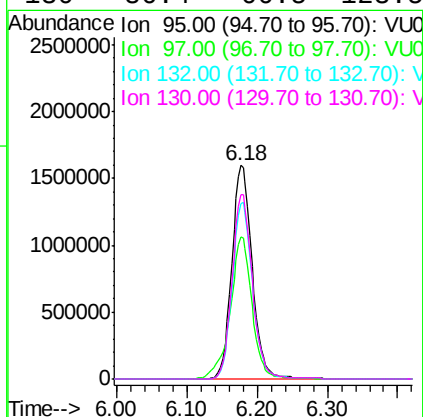
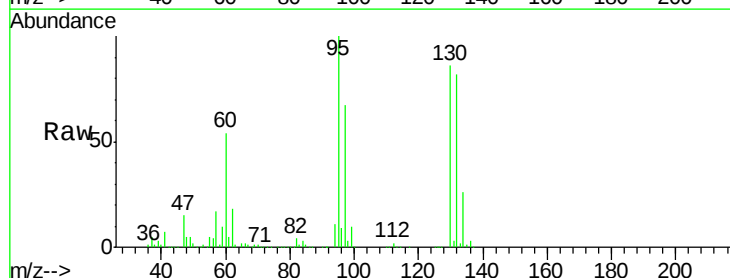
Instrument :
 MSVOA_U
 ClientSampled :
 A5168

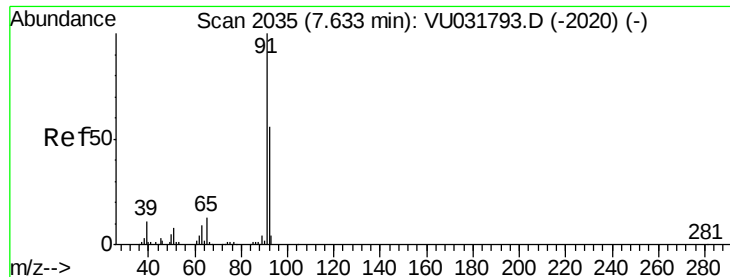
Tot Ion: 96 Resp: 135661
 Ion Ratio Lower Upper
 96 100
 61 155.3 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 545.497 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU031806.D
 Acq: 07 May 2019 15:51

Tgt Ion: 95 Resp: 3240414
 Ion Ratio Lower Upper
 95 100
 97 66.5 44.8 83.2
 132 82.2 63.1 117.1
 130 86.4 66.5 123.5





#42

Toluene

Concen: 0.910 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031806.D

Acq: 07 May 2019 15:51

Instrument :

MSVOA_U

ClientSampleId :

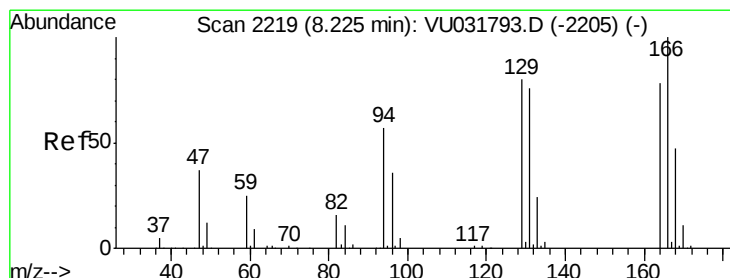
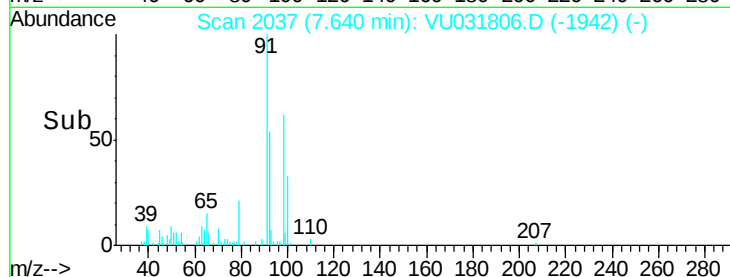
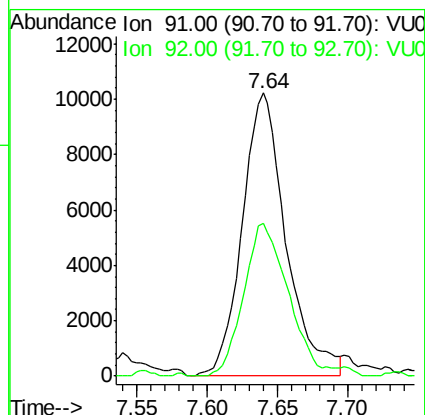
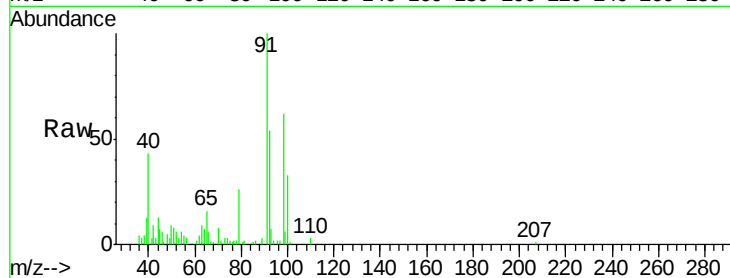
A5168

Tot Ion: 91 Resp: 22217

Ion Ratio Lower Upper

91 100

92 53.9 39.0 72.4



#46

Tetrachloroethene

Concen: 106.985 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031806.D

Acq: 07 May 2019 15:51

Tgt Ion: 164 Resp: 433259

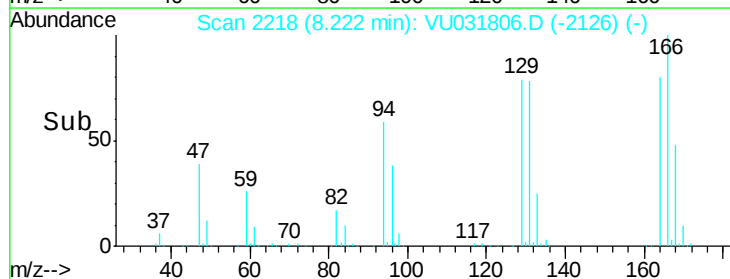
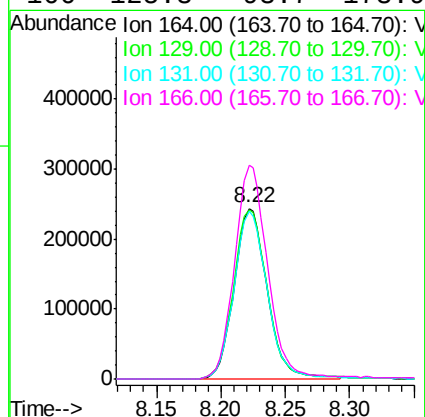
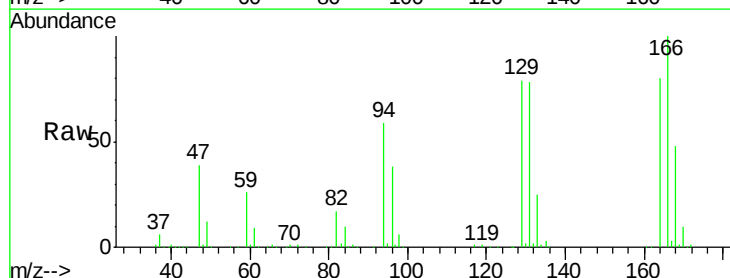
Ion Ratio Lower Upper

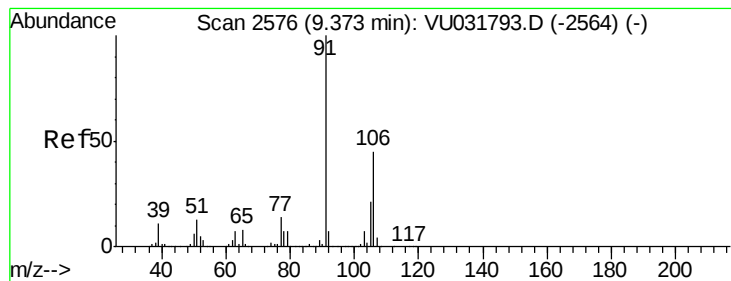
164 100

129 99.5 71.5 132.9

131 98.3 69.0 128.2

166 125.3 93.7 173.9





#53

m,p-Xylene

Concen: 1.510 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU031806.D

Acq: 07 May 2019 15:51

Instrument :

MSVOA_U

ClientSampleId :

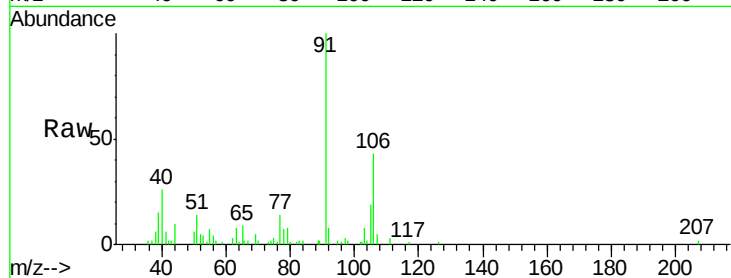
A5168

Tot Ion:106 Resp: 13318

Ion Ratio Lower Upper

106 100

91 232.9 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

