

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017588.D
 Acq On : 22 Jul 2020 14:38
 Operator : SY/MD
 Sample : L3386-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F86

Quant Time: Jul 23 06:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334803	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83861	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.58	69	59751	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.10%
11) 1,1-Dichloroethene-d2	2.12	63	134230	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	3.91	46	139304	89.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.13%
24) Chloroform-d	4.38	84	206644	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
26) 1,2-Dichloroethane-d4	5.06	65	148951	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.07	84	385118	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
36) 1,2-Dichloropropane-d6	6.09	67	119555	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.34	98	358670	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.64	79	63145	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.34%
47) 2-Hexanone-d5	8.11	63	102327	85.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158342	42.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	153932	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%

Target Compounds

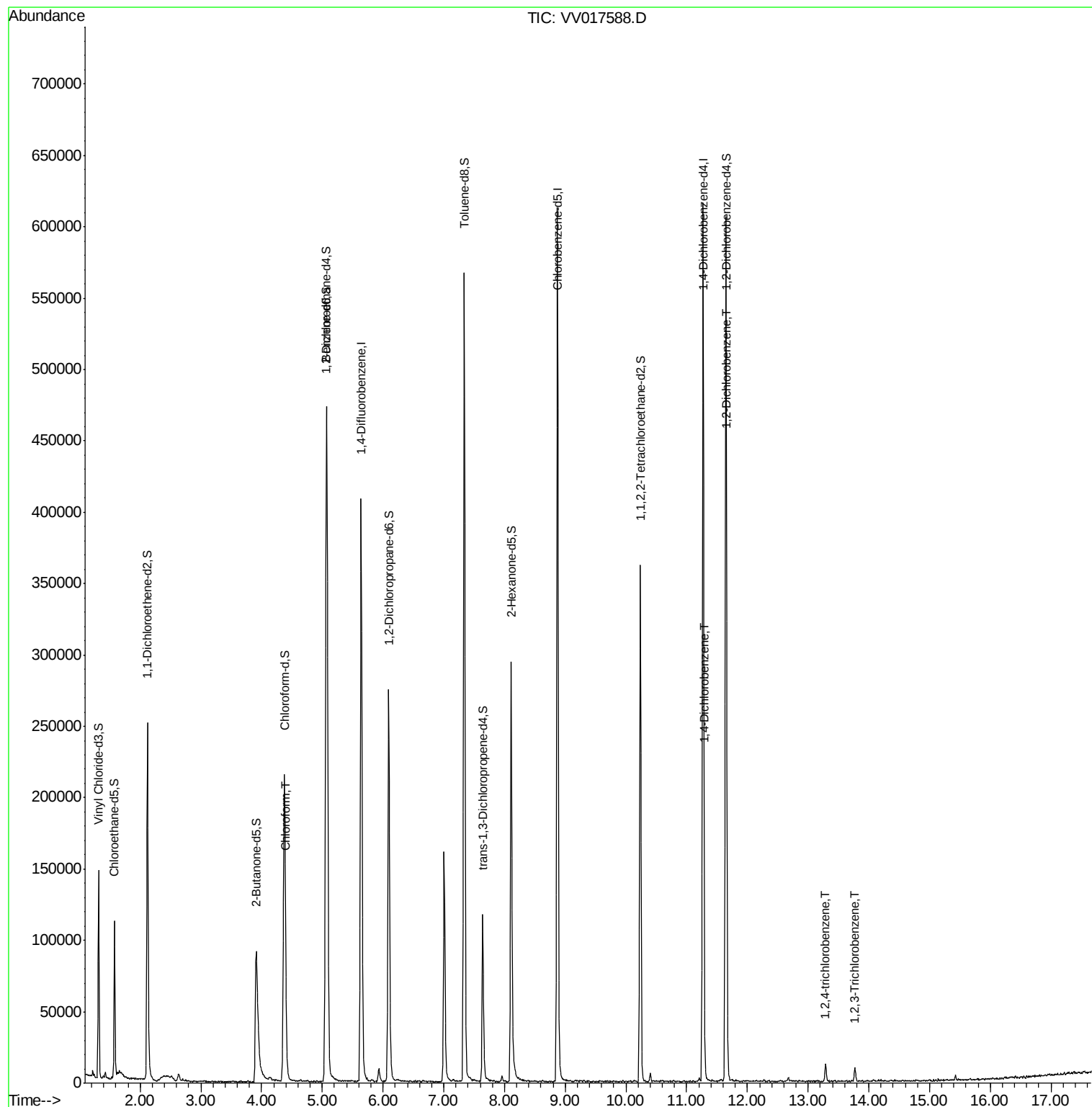
					Ovalue
25) Chloroform	4.40	83	10968	2.361 ug/L	82
63) 1,4-Dichlorobenzene	11.30	146	3797	0.712 ug/L	88
65) 1,2-Dichlorobenzene	11.67	146	12776	2.411 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	3764	1.028 ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	2968	0.811 ug/L #	67

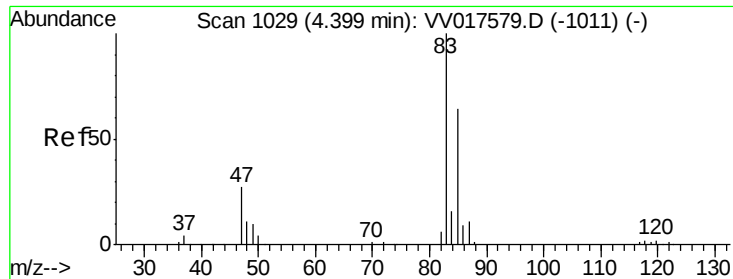
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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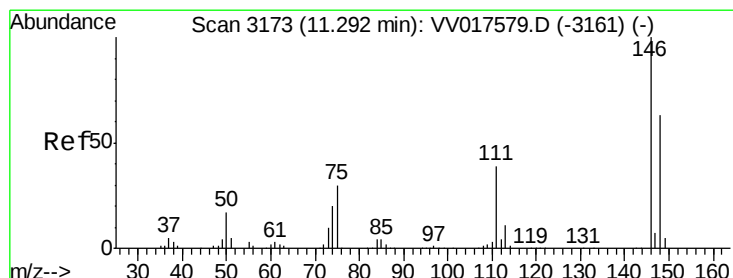
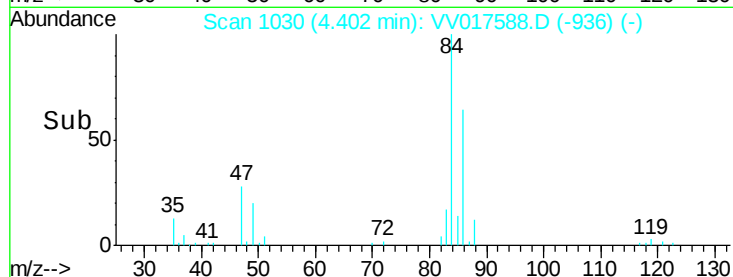
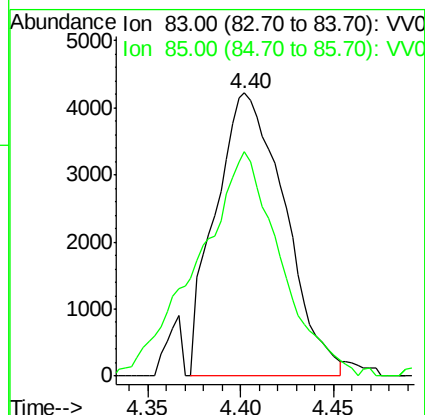
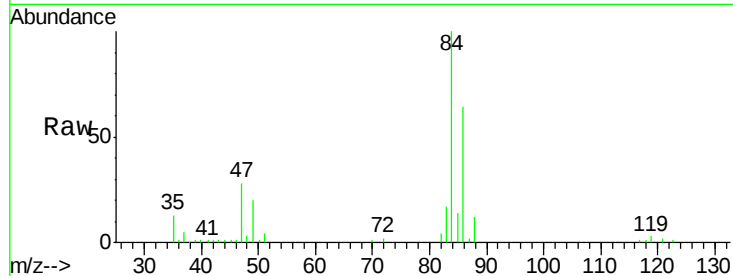




#25
Chloroform
Concen: 2.361 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017588.D
Acq: 22 Jul 2020 14:38

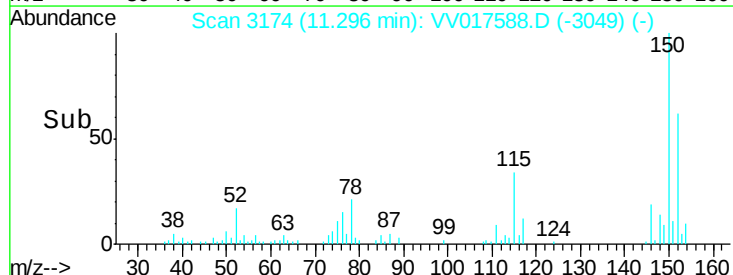
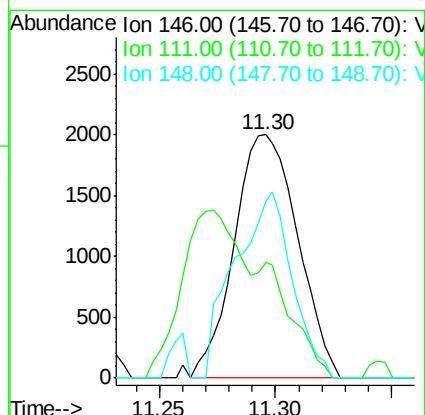
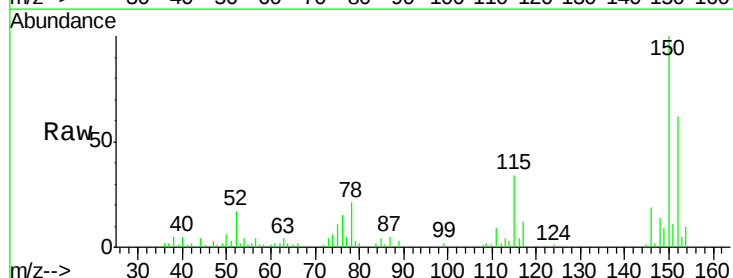
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MSVOA_V
ClientSampleId :
C0F86

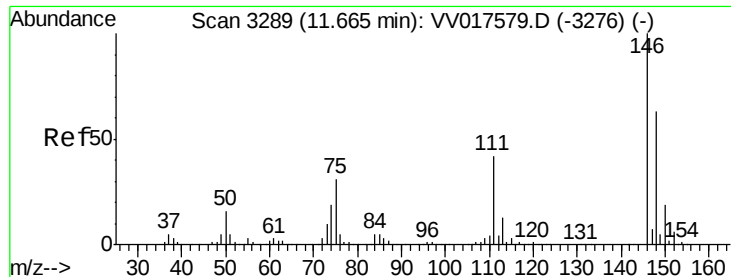
Tot Ion: 83 Resp: 10968
Ion Ratio Lower Upper
83 100
85 79.5 45.6 84.8



#63
1,4-Dichlorobenzene
Concen: 0.712 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV017588.D
Acq: 22 Jul 2020 14:38

Tgt Ion: 146 Resp: 3797
Ion Ratio Lower Upper
146 100
111 47.7 27.3 50.7
148 72.6 45.1 83.9





#65

1,2-Dichlorobenzene

Concen: 2.411 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV017588.D

Acq: 22 Jul 2020 14:38

Instrument :

MSVOA_V

ClientSampleId :

C0F86

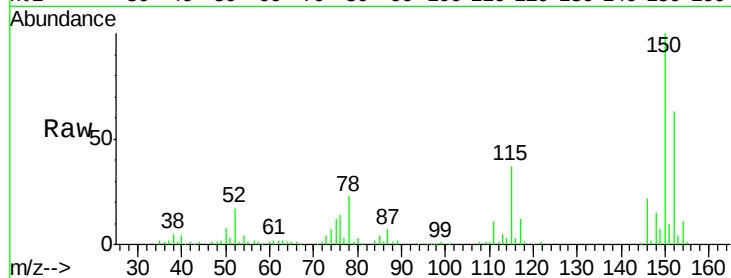
Tot Ion:146 Resp: 12776

Ion Ratio Lower Upper

146 100

111 47.4 32.9 49.3

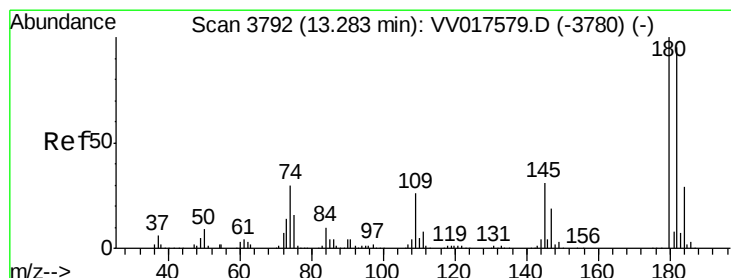
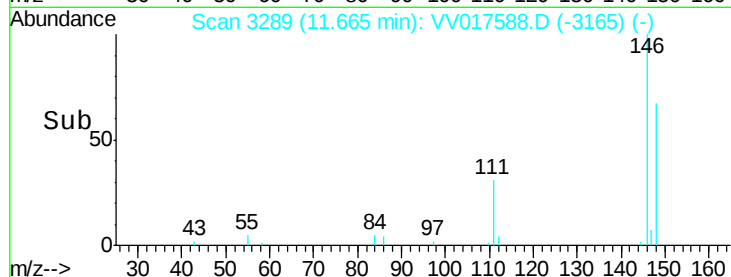
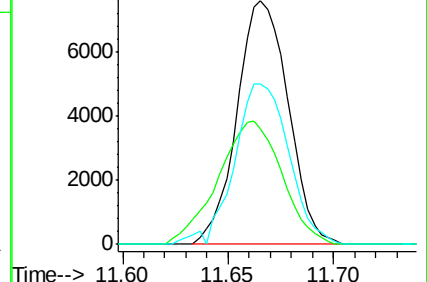
148 66.1 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 1.028 ug/L

RT: 13.29 min Scan# 3794

Delta R.T. 0.01 min

Lab File: VV017588.D

Acq: 22 Jul 2020 14:38

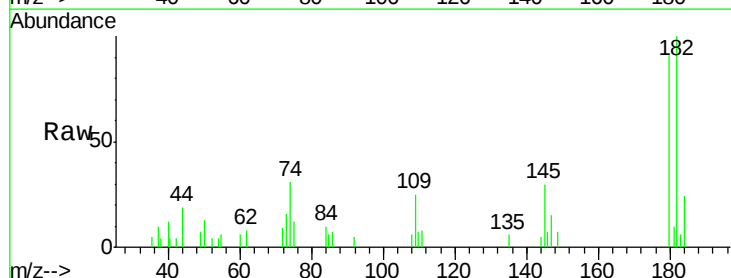
Tgt Ion:180 Resp: 3764

Ion Ratio Lower Upper

180 100

182 100.1 76.2 114.4

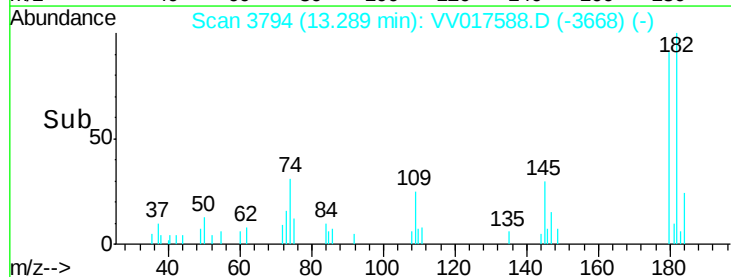
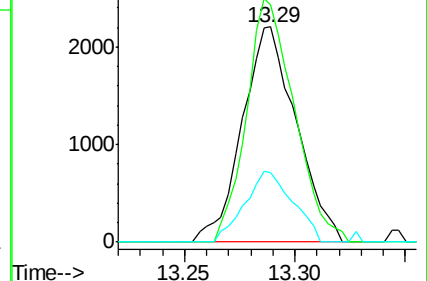
145 29.1 24.1 36.1

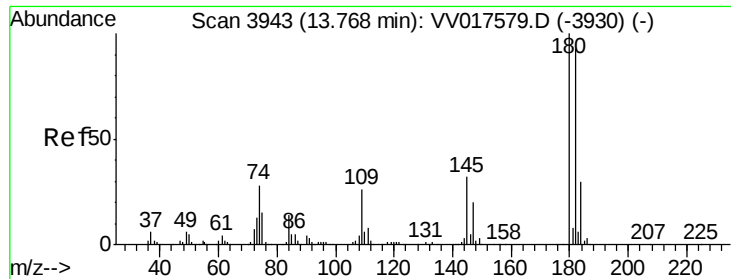


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 0.811 ug/L

RT: 13.77 min Scan# 3945

Delta R.T. 0.01 min

Lab File: VV017588.D

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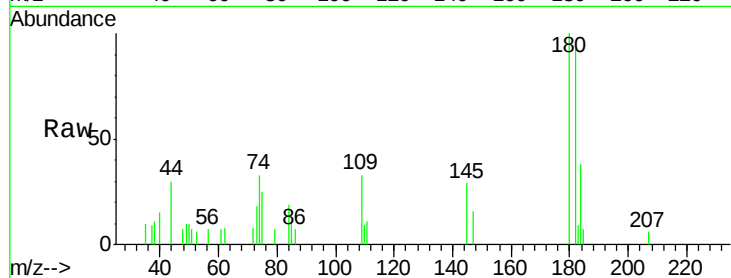
Tot Ion:180 Resp: 2968

Ion Ratio Lower Upper

180 100

182 53.5 75.8 113.8#

145 34.3 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

