

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015160.D
 Acq On : 26 Mar 2020 01:46
 Operator : SY/MD
 Sample : L1968-14DL 2000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DF1DL

Quant Time: Mar 26 05:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	576643	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	549623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	235798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203200	42.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.30%
7) Chloroethane-d5	1.58	69	192879	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.12	63	327212	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.90%
21) 2-Butanone-d5	3.94	46	306525	96.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.88%
24) Chloroform-d	4.38	84	361730	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.06	65	248754	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
32) Benzene-d6	5.08	84	733538	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
36) 1,2-Dichloropropane-d6	6.10	67	231546	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.34	98	693653	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.64	79	110260	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.12	63	230870	91.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	337864	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	242761	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%

Target Compounds

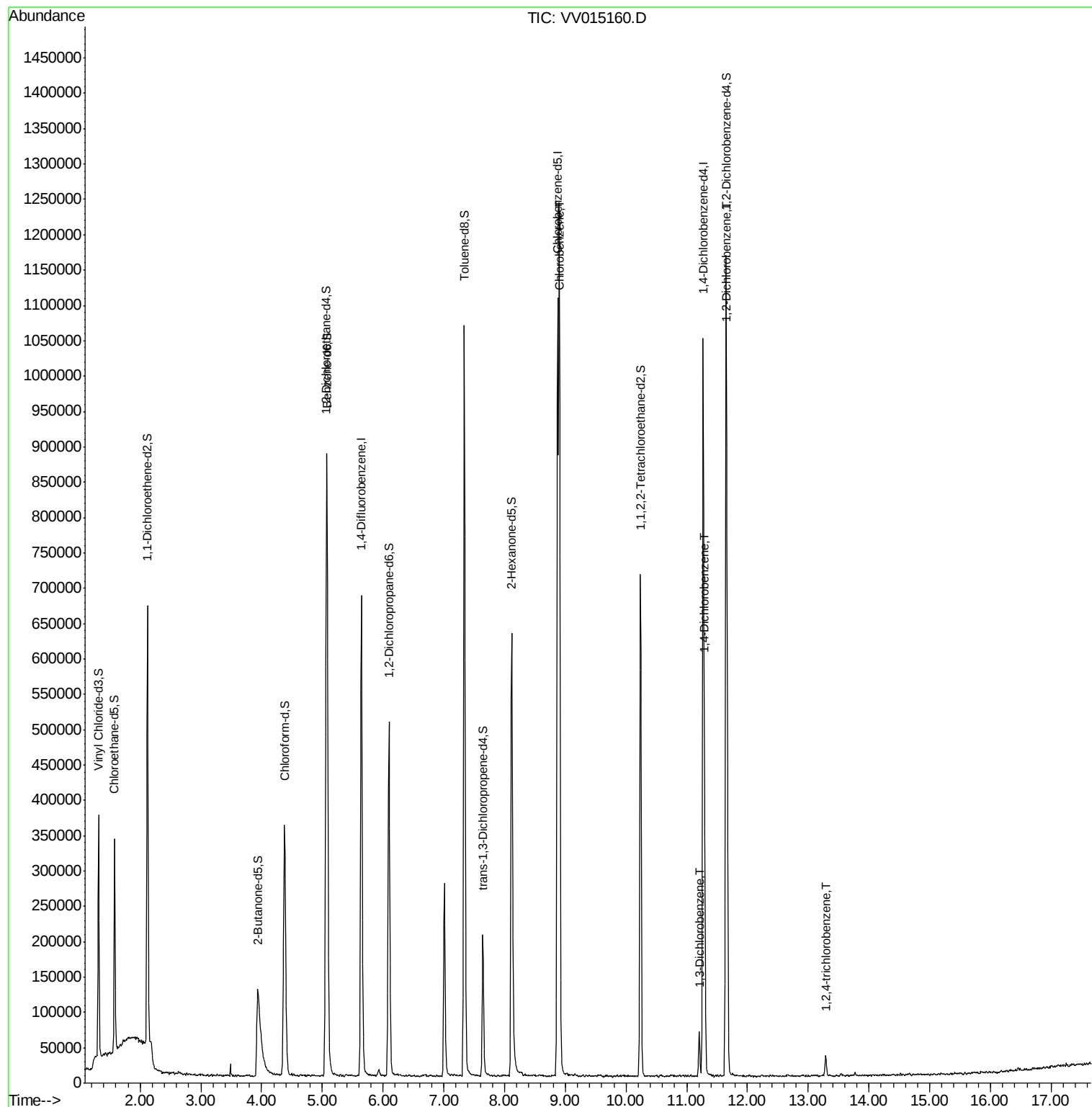
					Ovalue
51) Chlorobenzene	8.90	112	619299	60.735	ug/L 98
62) 1,3-Dichlorobenzene	11.21	146	23139	3.350	ug/L 95
63) 1,4-Dichlorobenzene	11.30	146	106469	15.132	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	166834	23.943	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	6667	1.521	ug/L # 91

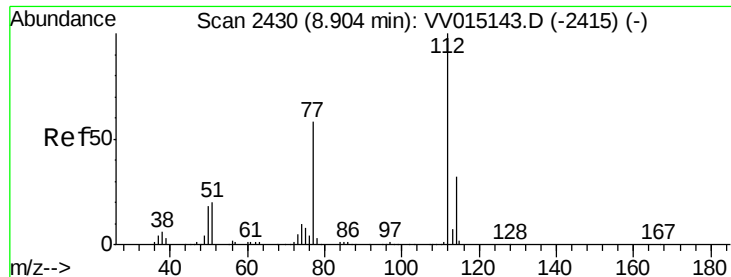
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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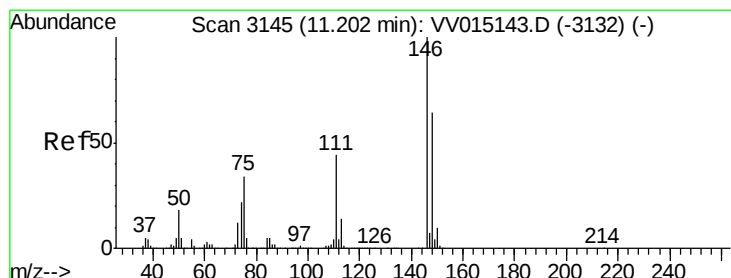
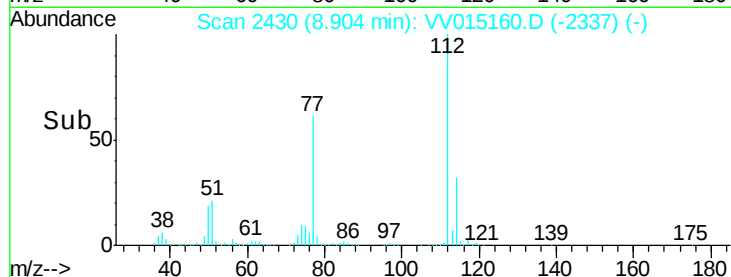
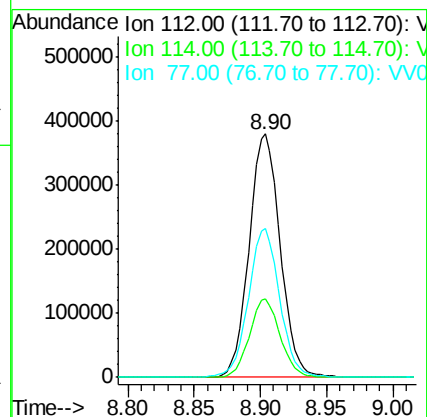
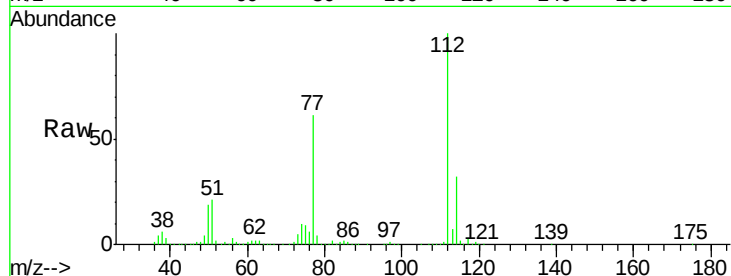




#51
Chlorobenzene
Concen: 60.735 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015160.D
Acq: 26 Mar 2020 01:46

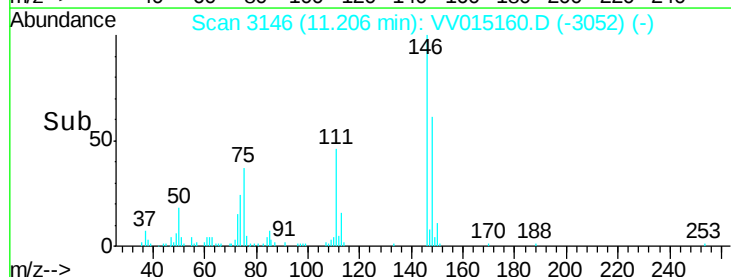
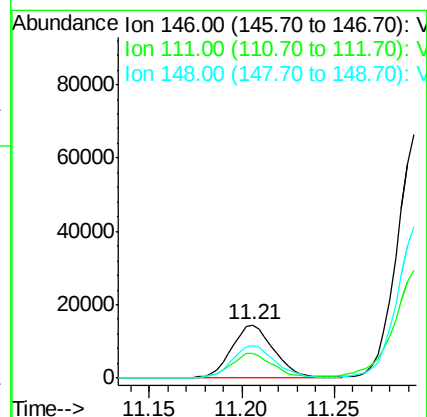
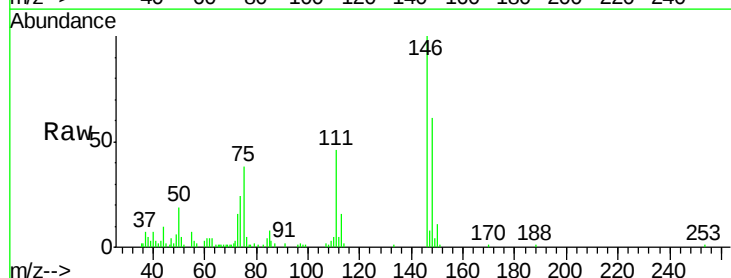
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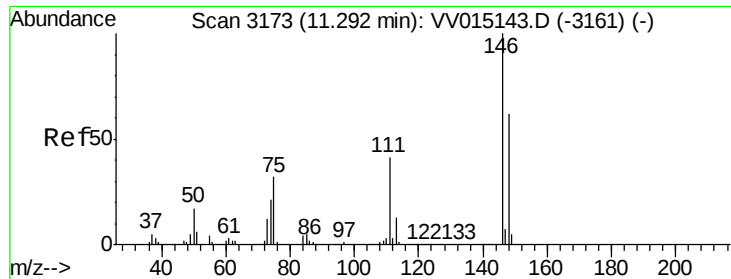
Tot Ion:112 Resp: 619299
Ion Ratio Lower Upper
112 100
114 32.1 22.0 40.8
77 60.9 47.2 70.8



#62
1,3-Dichlorobenzene
Concen: 3.350 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV015160.D
Acq: 26 Mar 2020 01:46

Tgt Ion:146 Resp: 23139
Ion Ratio Lower Upper
146 100
111 46.3 29.3 54.5
148 61.4 44.7 82.9

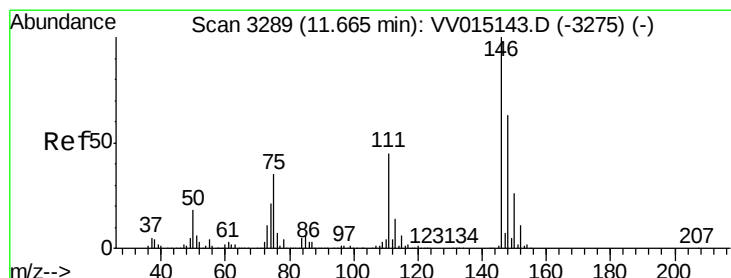
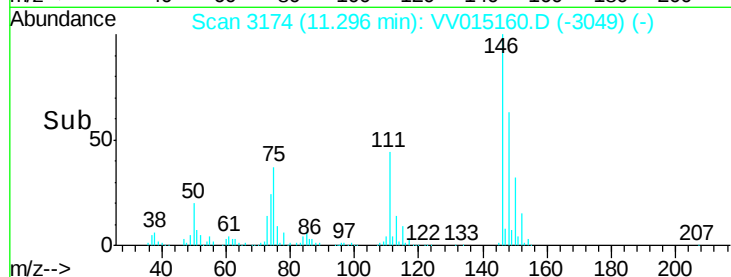
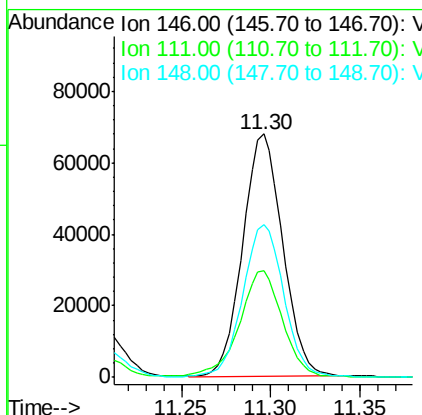
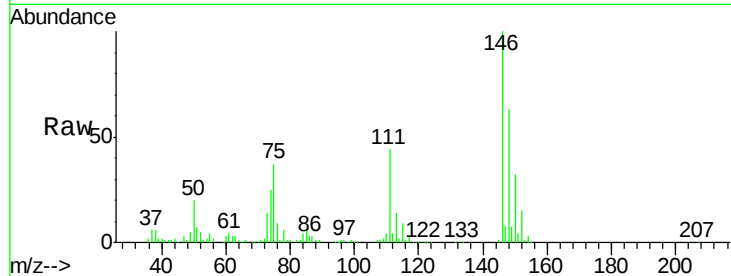




#63
 1,4-Dichlorobenzene
 Concen: 15.132 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015160.D
 Acq: 26 Mar 2020 01:46

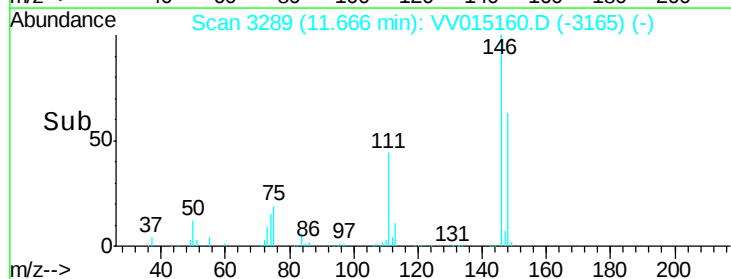
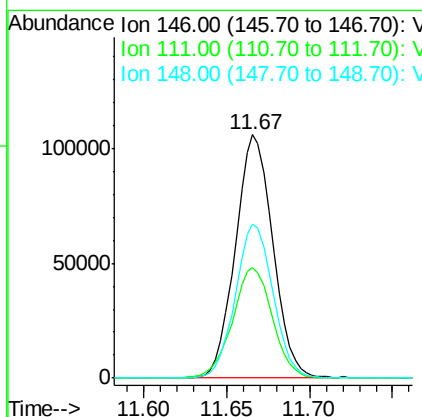
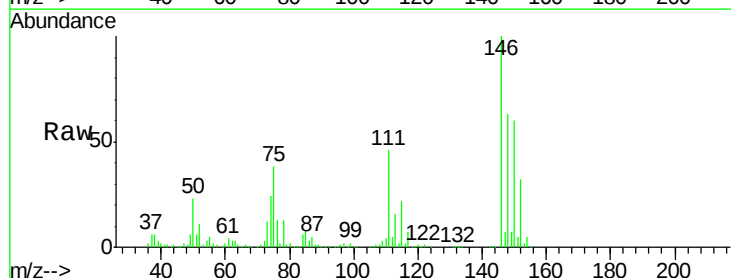
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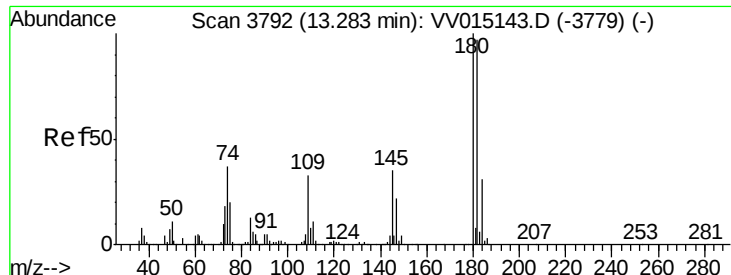
Tot Ion:146 Resp: 106469
 Ion Ratio Lower Upper
 146 100
 111 43.9 28.4 52.8
 148 62.7 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 23.943 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015160.D
 Acq: 26 Mar 2020 01:46

Tgt Ion:146 Resp: 166834
 Ion Ratio Lower Upper
 146 100
 111 45.6 35.4 53.2
 148 63.5 49.7 74.5





#68

1,2,4-trichlorobenzene

Concen: 1.521 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015160.D

Acq: 26 Mar 2020 01:46

Instrument :

MSVOA_V

ClientSampleId :

C0DF1DL

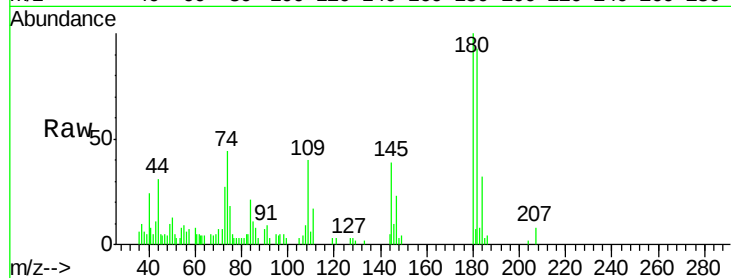
Tot Ion:180 Resp: 6667

Ion Ratio Lower Upper

180 100

182 101.4 76.1 114.1

145 42.4 26.6 40.0#



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

